AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
SAVANNAH RIVER OPERATIONS
P.O. BOX 5
AIKEN SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801-2411

CODE 798861046
FACILITY CODE

1. AMENDMENT NO.

0477

2. EFFECTIVE DATE

08/06/2014

3. REQUISITION/PURCHASE REO NO.

4. PROJECT NO. (if applicable)

5. ADMINISTERED BY (if other than item 8)

CODE

6. ISSUED BY

CODE

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
SAVANNAH RIVER OPERATIONS
P.O. BOX 5
AIKEN SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801-2411

CODE 798861046
FACILITY CODE

8. NAME AND ADDRESS OF CONTRACTOR (Inc., state, county, state and zip code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801-2411

CODE 798861046
FACILITY CODE

10. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

11. DATED (SEE ITEM 13)

01/10/2008

12. ACCOUNTING AND APPROPRIATION DATA (if required)

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, excluding solicitation/contract subject matter where feasible)

A. The purpose of this modification is to incorporate three contract work authorizations. Accordingly, the following applies:

1) No. IN14013-14, Rev 6, for Energy and Threat (See Attachment 1-A)
2) No. IN14025-14, Rev 3, for Energy and Threat (See Attachment 1-B)
3) No. PORTS-DD-14, for Portsmouth D&D (See Attachment 1-C)

Funds were previously allocated by separate modifications under FINPLAN No. 16, for Fiscal Year 2014 (page 2 and 4 of FINPLAN if provided hereto, see Attachment 1-D).

B. This modification formally incorporates the above referenced contract work

Continued...

E: IMPORTANT: Contractor [ ] has not [ ] is required to sign this document and return copies to the issuing office

15A. NAME AND TITLE OF SIGNER (Type or print)

James Lovett

15B. CONTRACTOR/OFFICER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

15C. DATE SIGNED

8/06/2014

16C. DATE SIGNED

STANDARD FORM 30 (REV 10-83)

Prescribed by GSA

FAR (48 CFR) 52.223
authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
**Contract Work Authorization**  
**Supporting Documentation Index**

<table>
<thead>
<tr>
<th>Document No.</th>
<th>Work Proposal Number</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>IN14013-14, Rev 6</td>
<td>Energy and Threat, 5 pages, inclusive of supporting documentation. Funds were allocated under FINPLAN # 16.</td>
</tr>
<tr>
<td>B</td>
<td>IN14025-14, Rev 3</td>
<td>Energy and Threat, 5 pages, inclusive of supporting documentation. Funds were allocated under FINPLAN # 16.</td>
</tr>
<tr>
<td>C</td>
<td>PORTS-DD—14</td>
<td>Portsmouth D&amp;D, 8 pages, inclusive of supporting documentation. Funds were allocated under FINPLAN # 16.</td>
</tr>
<tr>
<td>D</td>
<td>FINPLAN No 16 (pages 2 and 4 only)</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Funding previously allocated by separate modification. The Contract work authorizations were reviewed via DOE- SR Electronic System for Approval. The generated Contract Work Authorization with the reviewers and/or approvals concurrences is considered the validated signed copy by all parties for Mod 0477/STRIPES input.
**Work Authorization**

**U.S. DEPARTMENT OF ENERGY**
**CONTRACT WORK AUTHORIZATION**

If you need assistance with this form contact
Belinda Beckum 5-5352

<table>
<thead>
<tr>
<th>Work Authorization Number</th>
<th>Revision Number</th>
<th>Tracking Number</th>
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<tbody>
<tr>
<td>IN14013-14</td>
<td>6</td>
<td>CWA-2014-00130</td>
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</table>

1a. Project Title: Energy and Threat
1b. Work Proposal Number (if applicable): Various
1c. Performing Organization: SRNL

2. Headquarters Program Point of Contact:
   - Name: Sunny Slacum
   - Organization Code: 
   - Telephone No.: 202.586.8865

3. Headquarters Budget Point of Contact:
   - Name: Debra Dayton
   - Organization Code: 
   - Telephone No.: 202.586.4370

4. Responsible Program:
   - Analysis, Investigations & Office of the SCIO

5. Responsible Secretarial Officer:
   - Office of Energy and Threat

6. Responsible Field Organization:
   - U.S. Department of Energy (DOE), Savannah River Operations (SR)

7a. Site and Facility Management Contractor:
   - Savannah River Nuclear Solutions, LLC

7b. Contractor Point of Contact:
   - Name: John Temple
   - Telephone No.: 803-952-7210

8. Work Authorization Number:
   - IN14013-14

9. Revision Number: 6

10. Funds Authorized (See note below)
    Work subject to funds availability.

<table>
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<th>Project Value</th>
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11. Performance Period Covered by Funds. (See NOTE in block 10)
    - From: 10/01/2013
    - To: 09/30/2014

12. Work Start Date: 10/01/2013
13. Expected Completion Date: 09/30/2014

14. Statement of Work (includes attachments)
   - GD2540250 funding will cover HQ's sponsored/organized travel expenses for mission meetings and training.

15. Technical Point of Contact
   - Name: Gregory Hull-Ryde/SRNS/Srs
   - Title: SRS Technical Point of Contact
   - Email: Gregory.Hull-Ryde@srs.gov
   - Phone: (803) 725-6727

   SRS Technical Point of Contact Manager
   - Name: David Wilson/SRNL/Srs
   - Title: SRS Technical Point of Contact Manager
   - Email: David.Wilson@srnl.doe.gov
   - Phone: (803) 725-3471

16. DOE-SR Program Point of Contact
   - Patrick Jackson/DOE/Srs

17. DOE-SR Field Budget Official
   - Harold Nielsen/DOE/Srs

18. Contractor's Authorized Representative.
   - John Temple/SRNS/Srs

19. DOE Contracting Officer (or delegated representative).
   - James Lovett/DOE/Srs

**Technical POC**

I accept the scope and funding requirements and have no issues meeting the requirements.  

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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<td></td>
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Gregory Hull-Ryde has pressed the button: "I accept the scope and funding requirements and have no issues meeting the requirements."

07/28/2014 06:21 AM
**DOE-SR Work Authorization Program**

**DOE Order 412 Compliance Checksheet**

<table>
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<tbody>
<tr>
<td>Energy and Threat</td>
<td>IN14013-14</td>
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</table>

At a minimum, each work authorization will contain the following information:

- **Yes** ☐ **No** ☐ Project title and reference to work proposal number, if applicable
- **Yes** ☐ **No** ☐ Headquarters programmatic point of contact, organization, and telephone number
- **Yes** ☐ **No** ☐ Headquarters budget point of contact, organization code, and telephone number
- **Yes** ☐ **No** ☐ Responsible program
- **Yes** ☐ **No** ☐ Responsible program Staff Officer
- **Yes** ☐ **No** ☐ Responsible field organization
- **Yes** ☐ **No** ☐ Responsible contracting officer if different from above
- **Yes** ☐ **No** ☐ Site/facility management contractor name, point of contact, and telephone number
- **Yes** ☐ **No** ☐ Work authorization number, with revision number if applicable
- **Yes** ☐ **No** ☐ Budget and reporting code and funding level
- **Yes** ☐ **No** ☐ Dates for performance period, work start, and work completion

The statement of work will include the following information as appropriate:

- **Yes** ☐ **No** ☐ Detailed statement of work to be performed or reference to a work proposal, project plan, or similar document describing the scope of work in detail
- **Yes** ☐ **No** ☐ Required milestone dates
- **Yes** ☐ **No** ☐ Deliverables, including technical information as required by DOE O 241.1A, Scientific and Technical Information Management
- **Yes** ☐ **No** ☐ Associated performance-based indicators/targets consistent with DOE O 120.1-5, Guidelines for Performance Measurement, and any additional guidance that will assist the contractor in the performance of the work.

**Reviewer's Comments**

This authorization is: Accepted. If rejected, then comments are provided in this space.

**DOE-SR Program Point of Contact**

Patrick Jackson/DOE/Srs 07/18/2014 12:15 PM

**DOE-SR Field Budget Official**

BEARS database search complete and results attached to WAD package?  ☒ Y ☐ N

Funding constrained: (Year constrained; CR; etc.) [FAS 89X0243 No Year Funds, FY 2014 Budget Authority, On Finplan # 16.]

- ☐ 2-year money  ☐ 1-year money  ☒ No year money  ☐ Free money

Is this funding in the Fin Plan?  ☒ Y ☐ N

2015
Necessary expense:

1. Does the expenditure bear a logical relationship to the appropriation sought to be charged? In other words, does it must make a direct contribution to carrying out either a specific appropriation or an authorized agency function for which more general appropriations are available?  
   - Yes  
   - No

2. Is the expenditure prohibited by law?  
   - Yes  
   - No

3. Is the expenditure otherwise provided for, that is, is it an item that falls within the scope of some other appropriation or statutory funding scheme?  
   - Yes  
   - No

Contract Mod Admin

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Attachments

PKG. IN14013-14 R6.pdf

Notify on Approval

General Comment

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Work Authorization: In Process

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Previous Process - Work Authorization: Approved on 08/06/2014

3 of 5
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**Approver Comments**

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<td>Kathryn Davis</td>
<td>8/5/2014 10:38:54 AM</td>
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</table>
U.S. DEPARTMENT OF ENERGY
Work Authorization

1a. Project Title: Energy and Threat

1b. Work Proposal Number:

2. HQ Program Point of Contact:
   Name: Stephanie Pomeroy
   Telephone #: 202-586-6885

3. HQ Budget Point of Contact:
   Name: Debbra Dayton
   Telephone #: 202-586-4370

4. Responsible Program Office:
   Cyber, IT & Network Security

5. Responsible Program Officer:
   Name:
   Office:

6. Responsible Ops/Site Office:
   Savannah River Operations Office

7a. Major Operating Contractor:
    Savannah River Nuclear Solutions, LLC (410003)

7b. Contractor Point of Contact:
    Greg Hull-Bryde
    Telephone #: 803-725-5752

8. Work Authorization Number:
   IN14025

10. Funds Hereby Authorized:

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<th>Current Month Change</th>
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<td>154,756.00</td>
<td>48,500.00</td>
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11. Performance Period:
    10/1/2013 till expended

12. Work Start Date: 10/1/2013

13. Expected Completion Date: Continuing

14. Statement of Work: Incremental Funding

15. Reporting Requirements:
    Provide monthly cost status reports to program managers.

16. Work Authorization Program Official:
    Name: Jon Potter
    Date: 7/1/2013

17. DOE Field Off/Site Office Official:
    Name: Date:

    Name: Date:

19. DOE Contracting Officer (or delegated representative)
    Name: Date:

Please return signed WORK AUTHORIZATION STATEMENTS (WAS) to the centralized WAS email box at was@doe.gov and penny.lamb@doe.gov within 4 weeks of start time.
Attachment No. 1-B
Work Authorization Number
IN14025-14
Revision Number
3

U.S. DEPARTMENT OF ENERGY
CONTRACT WORK AUTHORIZATION
If you need assistance with this form contact
Belinda Beckum 5-5352

1a. Project Title:
Energy and Threat

1b. Work Proposal Number (if applicable):
Various

1c. Performing Organization
○ SRNL ○ SRNS

2. Headquarters Program Point of Contact:
Name: Steven Black
Organization Code:
Telephone No.: 202.586.1352

3. Headquarters Budget Point of Contact:
Name: Debbra Dayton
Organization Code:
Telephone No.: 202.586.4370

4. Responsible Program:
Cyber, IT & Network Security

5. Responsible Secretarial Officer:
Office of Energy and Threat

6. Responsible Field Organization:
U.S. Department of Energy (DOE), Savannah River Operations (SR)

7a. Site and Facility Management Contractor:
Savannah River Nuclear Solutions, LLC

7b. Contractor Point of Contact:
Name: John Temple
Telephone No.: 803-952-7210

8. Work Authorization Number:
IN14025-14

9. Revision Number:

10. Funds Authorized (See note below)
Work subject to funds availability.

<table>
<thead>
<tr>
<th>Date</th>
<th>B&amp;R Code</th>
<th>Agreement / Project #</th>
<th>Project Value</th>
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11. Performance Period Covered by Funds: (See NOTE in block 10)
From: 10/01/2013 To: 09/30/2014

12. Work Start Date: 10/01/2013
13. Expected Completion Date: 09/30/2014

14. Statement of Work (includes attachments)
Pending enactment of the FY 2014 Energy and Water Appropriations bill, DOE will be operating under a Continuing Resolution (CR) (H.R. 2775). Funding distribution in the Approved Funding Program (AFP) for the CR will be 29.32% from the FY 2013 enacted. Of that amount 100% will be allotted during the CR. The AFP will be adjusted in the future, as necessary, to reflect the enacted appropriation (or other appropriation legislation). Additional funding restrictions may be forthcoming and will be reflected in future work authorizations as required.

15. Technical Point of Contact

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Email</th>
<th>Phone</th>
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</thead>
<tbody>
<tr>
<td>Gregory Hull-Ryde</td>
<td>SRS Technical Point of Contact</td>
<td><a href="mailto:Gregory.Hull-Ryde@srs.gov">Gregory.Hull-Ryde@srs.gov</a></td>
<td>(803) 725-6727</td>
</tr>
<tr>
<td>David Wilson</td>
<td>SRS Technical Point of Contact Manager</td>
<td><a href="mailto:David.Wilson@srlndoe.gov">David.Wilson@srlndoe.gov</a></td>
<td>(803) 725-3471</td>
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16. DOE-SR Program Point of Contact

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Patrick Jackson</td>
<td>DOE/Srs</td>
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17. DOE-SR Field Budget Official

<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Harold Nielsen</td>
<td>DOE/Srs</td>
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18. Contractor's Authorized Representative

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>John Temple</td>
<td>SRNS/Srs</td>
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19. DOE Contracting Officer (or delegated representative)

<table>
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<tr>
<th>Name</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>James Lovett</td>
<td>DOE/Srs</td>
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</table>

Technical POC:

I accept the scope and funding requirements and have no issues meeting the requirements. [ ] Yes [ ] No

Gregory Hull-Ryde has pressed the button, "I accept the scope and funding requirements and have no issues meeting the requirements." 07/28/2014 06:22 AM
DOE-SR Work Authorization Program
DOE Order 412 Compliance Checksheet

<table>
<thead>
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<th>Project Title</th>
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<tr>
<td>Energy and Threat</td>
<td>IN14025-14</td>
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</table>

At a minimum, each work authorization will contain the following information:

- [ ] Yes  [ ] No Project title and reference to work proposal number, if applicable
- [ ] Yes  [ ] No Headquarters programmatic point of contact, organization, and telephone number
- [ ] Yes  [ ] No Headquarters budget point of contact, organization code, and telephone number
- [ ] Yes  [ ] No Responsible program
- [ ] Yes  [ ] No Responsible program Secretarial Officer
- [ ] Yes  [ ] No Responsible field organization
- [ ] Yes  [ ] No Responsible contracting officer if different from above
- [ ] Yes  [ ] No Site/facility management contractor name, point of contact, and telephone number
- [ ] Yes  [ ] No Work authorization number, with revision number if applicable
- [ ] Yes  [ ] No Budget and reporting code and funding level
- [ ] Yes  [ ] No Dates for performance period, work start, and work completion

Statement of work (see paragraph below)

- [ ] Yes  [ ] No Detailed statement of work to be performed or reference to a work proposal, project plan, or similar document describing the scope of work in detail
- [ ] Yes  [ ] No Required milestone dates
- [ ] Yes  [ ] No Deliverables, including technical information as required by DOE O 241.1A, Scientific and Technical Information Management
- [ ] Yes  [ ] No Associated performance-based indicators/targets consistent with DOE G 120.1-5, Guidelines for Performance Measurement, and any additional guidance that will assist the contractor in the performance of the work.

Reviewer's Comments

This authorization is: Accepted. If rejected, then comments are provided in this space.

DOE-SR Program Point of Contact | Date
---|---
Patrick Jackson/DOE/Srs | 07/18/2014 12:38 PM

DOE-SR Field Budget Official

BEARS database search complete and results attached to WAD package?  [ ] Y  [ ] N

Funding constrained: (Year constrained; CR; etc.); EAS 89X0243 No Year Funds, FY 2014 Budget Authority, FinPlan #16.

- [ ] 2-year money  [ ] 1-year money  [ ] No year money  [ ] Free money

Is this funding in the Fin Plan?  [ ] Y  [ ] N

2 of 5
Necessary expense:

1. Does the expenditure bear a logical relationship to the appropriation sought to be charged? In other words, does it must make a direct contribution to carrying out either a specific appropriation or an authorized agency function for which more general appropriations are available?  
   - Yes ☑️  
   - No ☒️

2. Is the expenditure prohibited by law?  
   - Yes ☑️  
   - No ☒️

3. Is the expenditure otherwise provided for, that is, is it an item that falls within the scope of some other appropriation or statutory funding scheme?  
   - Yes ☑️  
   - No ☒️

Contract Mod Admin

<table>
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<tr>
<th>Contract Mod #</th>
<th>Attach Signed Mod</th>
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<tbody>
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<td>477</td>
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Attachments

PKG. IN14025-14 R3 Hull-Ryde.pdf

Notify on Approval

General Comment

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<td>Mod 0477 pending. Funds previously obligated under FINPLAN 16.</td>
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Work Authorization: In Process

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<tr>
<th>Approvers</th>
<th>Title</th>
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Previous Process - Work Authorization: Approved on 08/05/2014

3 of 5
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**Approver Comments**

**Reviewers**

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U.S. DEPARTMENT OF ENERGY
Work Authorization

1a Project Title: Energy and Threat

1b Work Proposal Number:

2. HQ Program Point of Contact:
   Name: Stephanie Pomeroy
   Telephone #: 202-586-6885

3. HQ Budget Point of Contact:
   Name: Debra Dayton
   Telephone #: 202-586-4370

4. Responsible Program Office: Cyber, IT & Network Security
5. Responsible Program Secretariat Officer:

6. Responsible Ops/Site Office: Savannah River Operations Office
7a. Major Operating Contractor: Savannah River Nuclear Solutions, LLC (410003)
7b. Contractor Point of Contact: Greg Hull-Ryde
   Telephone #: 803-725-5752

8. Work Authorization Number: IN14025

9. Revision: 3

10. Funds Hereby Authorized:

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11. Performance Period: 10/1/2013 till expended
12. Work Start Date: 10/1/2013

13. Expected Completion Date: Continuing

14. Statement of Work: Incremental Funding

15. Reporting Requirements: Provide monthly cost status reports to program managers.

16. Work Authorization Program Official:
   Name: Jon Potter
   Date: 7/6/14

17. DOE Field Org/Site Office Official:
   Name: 
   Date: 

   Name: 
   Date: 

19. DOE Contracting Officer (or delegated representative)
   Name: 
   Date: 

Please return signed WORK AUTHORIZATION STATEMENTS (WAS) to the centralized WAS email box at was@ doe.gov and penny.jamb@ doe.gov within 4 weeks of start time.
Attachment No. 1-C
# Work Authorization

**U.S. DEPARTMENT OF ENERGY**

**CONTRACT WORK AUTHORIZATION**

If you need assistance with this form contact Belinda Beckum 5-5352

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<tr>
<td>1c. Performing Organization</td>
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**2. Headquarters Program Point of Contact.**

- **Name:** Maureen O'Dell
- **Organization Code:** EM-11
- **Telephone No.:** 301-903-4638

**3. Headquarters Budget Point of Contact.**

- **Name:** Christopher Johns
- **Organization Code:** EM-61
- **Telephone No.:** 301-903-7157

**4. Responsible Program:** Office of Environmental Management

**5. Responsible Secretarial Officer:** Office of Environmental Management

**6. Responsible Field Organization:**

- U.S. Department of Energy (DOE), Savannah River Operations (SR)

**7a. Site and Facility Management Contractor:** Savannah River Nuclear Solutions, LLC

**7b. Contractor Point of Contact:**

- **Name:** John Temple
- **Telephone No.:** 803-952-7210

**8. Work Authorization Number:** PORTS-DD-14

| 9. Revision Number:* | 0 |

**10. Funds Authorized (See note below)**

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**11. Performance Period Covered by Funds. (See NOTE in block 10)**

- **From:** 07/24/2014
- **To:** 09/30/2014
- **08/01/2014**
- **09/30/2014**

**12. Work Start Date:**

**13. Expected Completion Date:**

**14. Statement of Work (includes attachments)**

Funding received from Portsmouth for Savannah River Nuclear Laboratory (SRNL) to provide 100 hours of conceptual/mathematical modeling, exposure scenarios, and intruder assessment support (Roger Seitz) to the LFRG review of the FY 2014 Portsmouth On-Site Waste Disposal Facility and travel expenses for on-site portion of the review.

**15. Technical Point of Contact**

- **Name:** Roger Seitz/SRNL/Srs
- **Title:** SRS Technical Point of Contact
- **Email:** Roger.Seitz@srnl.doe.gov
- **Phone:** (803) 725-8269

**SRS Technical Point of Contact Manager**

- **Name:** David Crowley/SRNL/Srs
- **Title:** SRS Technical Point of Contact Manager
- **Email:** david.crowley@srnl.doe.gov
- **Phone:** (803) 725-3666

**16. DOE-SR Program Point of Contact**

- **Patrick Jackson/DOE/Srs**

**17. DOE-SR Field Budget Official**

- **Harold Nielsen/DOE/Srs**

**18. Contractor's Authorized Representative**

- **John Temple/SRNS/Srs**

**19. DOE Contracting Officer (or delegated representative).**

- **James Lovett/DOE/Srs**

**Technical POC**

I accept the scope and funding requirements and have no issues meeting the requirements. ☐ Yes ☐ No

Roger Seitz has pressed the button, "I accept the scope and funding requirements and have no issues meeting the requirements." 07/30/2014 02:12 PM
### DOE-SR Work Authorization Program

**DOE Order 412 Compliance Checksheet**

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<tbody>
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<td>PORTS-DD-14</td>
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At a minimum, each work authorization will contain the following information:

- Yes  No  Project title and reference to work proposal number, if applicable
- Yes  No  Headquarters programmatic point of contact, organization, and telephone number
- Yes  No  Headquarters budget point of contact, organization code, and telephone number
- Yes  No  Responsible program
- Yes  No  Responsible program Secretarial Officer
- Yes  No  Responsible field organization
- Yes  No  Responsible contracting officer if different from above
- Yes  No  Site/facility management contractor name, point of contact, and telephone number
- Yes  No  Work authorization number, with revision number if applicable
- Yes  No  Budget and reporting code and funding level
- Yes  No  Dates for performance period, work start, and work completion
- Yes  No  Statement of work (see paragraph below)
- Yes  No  Reporting requirements, including (a) project management or status reports and (b) reports or publications for the purpose of informing DOE, the scientific community, and the public of the project results (e.g., scientific advances or technical progress)

The statement of work will include the following information as appropriate:

- Yes  No  Detailed statement of work to be performed or reference to a work proposal, project plan, or similar document describing the scope of work in detail
- Yes  No  Required milestone dates
- Yes  No  Deliverables, including technical information as required by DOE O 241.1A, Scientific and Technical Information Management
- Yes  No  Associated performance-based indicators/targets consistent with DOE G 120.1-5, Guidelines for Performance Measurement, and any additional guidance that will assist the contractor in the performance of the work.

**Reviewer's Comments**

This authorization is: Accepted. If rejected, then comments are provided in this space.

**DOE-SR Program Point of Contact**

Patrick Jackson/DOE/Srs  07/30/2014 01:49 PM

**DOE-SR Field Budget Official**

**BEARS database search complete and results attached to WAD package?**  Y  N

**Funding constrained: (Year constrained; CR; etc.)** FAS 89X5231  No year funds, FY 2014 budget authority, on FinPlan # 16.

- 2-year money  1-year money  No year money  Free money

**Is this funding in the Fin Plan?**  Y  N

**Necessary expense:** 2 of 7
1. Does the expenditure bear a logical relationship to the appropriation sought to be charged? In other words, does it must make a direct contribution to carrying out either a specific appropriation or an authorized agency function for which more general appropriations are available?  
   - Y  
2. Is the expenditure prohibited by law?  
   - Y  
3. Is the expenditure otherwise provided for, that is, is it an item that falls within the scope of some other appropriation or statutory funding scheme?  
   - Y  

### Contract Mod Admin

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### Attachments

- PKG. PORTS-DD-14 R0.pdf

### Notify on Approval

General Comment

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### Work Authorization: In Process

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## EXPLANATION OF CHANGES
### FY 2014 JULY AFP
(WHOLE DOLLARS)

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<td>Funding received from Portsmouth for CH2M-WG Idaho, LLC, to provide 100 hours of conceptual/mathematical modeling support (James McCarthy) to the LFRG review of the FY 2014 Portsmouth On-Site Waste Disposal Facility and travel expenses for on-site portion of the review</td>
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<td>36,550.00</td>
<td>Funding received from Portsmouth for Savannah River Nuclear Laboratory (SRNL) to provide 100 hours of conceptual/mathematical modeling, exposure scenarios, and intruder assessment support (Roger Setz) to the LFRG review of the FY 2014 Portsmouth On-Site Waste Disposal Facility and travel expenses for on-site portion of the review</td>
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**Subtotal** | | | | | 76,962.50 |

| Total, Portsmouth | | | | 76,962.50 |
| Total, Uranium Enrichment D&D | | | | 76,962.50 |
**HQ F 2260.2**

**U.S. DEPARTMENT OF ENERGY**

**R-PDS1121-001**

**ADVICE OF ALLOTMENT**

**ALLOTMENT SYMBOL:** 36-41-91  **DATE:** 07/15/2014  **CHANGE NUMBER:** ORIG

**FISCAL YEAR:** 2014  **ISSUED TO:** MANAGER, SAVANNAH RIVER OPERATIONS OFFICE

**APPROPRIATION:** 89XS2J1

**AUTHORIZED BY:** CHRISTOPHER JOHNS  **DIRECTOR, OFFICE OF BUDGET**

**DESCRIPTION**

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<th>ALLOTMENT CHANGES</th>
<th>REVISED AMOUNT</th>
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<td>ISSUE OR WITHDRAWAL AVAILABLE UNDER ABOVE ALLOTMENT SYMBOL</td>
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</table>

**TOTAL AVAILABLE FOR OBLIGATION**  0.00  36,550.00  0.00  36,550.00

**REMARKS OR INSTRUCTIONS**

To issue allotment in accordance with approved funding program #1.

(REMARKS APPLICABLE TO THIS ALLOTMENT CONTINUE ON THE NEXT PAGE.)

**THIS ADVICE OF ALLOTMENT AUTHORIZES THE ALLOTTEE TO INCUR OBLIGATIONS AND TO MAKE EXPENDITURES UNDER THE APPROPRIATION CITED. OBLIGATIONS INCURRED AND EXPENDITURES MADE UNDER THIS ALLOTMENT WILL BE SUBJECT TO THE AMOUNTS, SPECIFIC LIMITATIONS, AND INSTRUCTIONS AS INDICATED. THEY ALSO WILL BE SUBJECT TO PROVISIONS OF APPLICABLE STATUTES, AND OTHER PUBLISHED INSTRUCTIONS PERTAINING TO THE AVAILABILITY OF APPROPRIATIONS. OBLIGATIONS MAY NOT BE INCURRED IN EXCESS OF ANY OF THE amOUNTS ALLOTTED AS SHOWN ABOVE. (SEE TITLE 31 OF THE UNITED STATES CODE, SECTION 1514.)**

6 of 7
The above revised amount consists of the following:

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<tr>
<td>TOTAL:</td>
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FY 2014 budgetary resources provided by this allotment are to be executed in accordance with the terms and provisions of the Consolidated Appropriations Act, 2014 (P.L. 113-76). The amounts made available by this allotment are to be allocated to the projects and activities as specified in the accompanying Approved Funding Program (AFP), pursuant to Section 301(d) of P.L. 113-76. Deviation from the congressional control levels specified in the accompanying AFP could result in an Anti-Deficiency Act violation.

Budget authority provided by this allotment which represents unobligated carryover balances from a prior fiscal year is to be executed in accordance with the terms and conditions of the appropriations act(s) under which it was appropriated (i.e., the Consolidated Appropriations Act, 2012 for AY 2012 carryover, etc.).
Attachment D-1

Financial Plan Report No. 16
## Financial Plan Report - Detail

**SR22470 - Savannah River Nuclear Solutions (SRNS)**

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**Total for Fund: 01055**

Financial Plan Number: 16
Contract Modification Number: 0473 THRU 0475
Rpt Entity: SR Savannah River Nuclear Solutions, LLC
Fiscal Year: 2014
Fiscal Month: 10
Report Generated on: July 23, 2014 at 03:32:30 PM
### Financial Plan Report - Detail

**SR22470 - Savannah River Nuclear Solutions (SRNS)**

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**Total for Program Parent/Control Point: 600000000**

**Total for Fund: 01689**

**Total for Fund: 01759**

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**AY 2014** - Funding received from Portsmouth for Savannah River National Laboratory (SRNL) to provide 100 hours of conceptual/semi-quantitative modeling, exposure scenarios, and intruder assessment support (Roger Seltz) to the LFRG review of the FY 2014 Portsmouth On-Site Waste Disposal Facility and travel expenses for on-site portion of the review.

Report Generated on: July 23, 2014 at 03:32:30 PM

Page 4 of 7
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

AMENDMENT/MODIFICATION NO: 3

CONTRACT NO: 10 CCDC

ISSUED BY: Aiken SC 29802

REQUISITION/PURCHASE REQ NO: 00901

PROJECT NO: Savannah River Operations

U.S. Department of Energy

Savannah River Operations

P.O. Box A

Aiken SC 29802

CONTRACTOR/ISSUING CODE: 00901

AMENDMENT/SOLICITATION NO: 10A

REQUISITION/PURCHASE NO: BB-AC09-058SR22470

PROJECT NO: Savannah River Operations

P.O. Box A

Aiken SC 29802

NAME AND ADDRESS OF CONTRACTOR: SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

Attn: LLOYD CLEVINGER

003 LAURENS ST SW

Aiken SC 298012421

AMENDMENT OF SOLICITATION NO: 10A

MODIFICATION/CONTRACT/ORDER NO: BB-AC09-058SR22470

DATED (SEE ITEM 11): 01/10/2008

ACCOUNTING AND APPROPRIATION DATA

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

11. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14 PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

D. OTHER (Specify type of modification and authority)

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT: Contractor ( ) is not ( ) is required to sign this document and return copies to the issuing office

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to correct administrative error under Modification No 947, list of attachments. The following applies:

1) The supporting data for Contract Work Authorization No. IN14013-14, Energy Threat, Rev 6, page 5 of 5, is deleted and replaced with page 5 of 5 hereeto. A duplicate of the supporting data for IN14025-14, Energy Threat, Rev 3, was inadvertently inserted.

2) The Contract Work Authorization Supporting Documentation Index, Document C, Project Title, first line, the page count is changed from "8 pages," to read "7 pages," clerical error.

Continued...

EQUIPMENT

Authorized Signature

James Lovett

NAME AND TITLE OF SIGNER: James Lovett

SIGNATURE OF PERSON AUTHORIZED TO SIGN

15A NAME AND TITLE OF SIGNER (Type or print)

NAME AND TITLE OF CONTRACTING OFFICER: (Type or print)

SIGNATURE OF CONTRACTING OFFICER

FACILITY CODE: 798861048

CODE: 00901

DATE SIGNED: 01/10/2008

DATE SIGNED: 

PREVIOUS EDITION UNAVAILABLE

STANDARD FORM 30 (REV 10/03)
**SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC**

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B. The contract estimated value and all other terms and conditions remain unchanged.
U.S. DEPARTMENT OF ENERGY
Work Authorization

1a. Project Title: Energy and Threat
1b. Work Proposal Number:

2. HQ Program Point of Contact:
   Name: Sunny Slacum
   Telephone #: 202-586-8865

3. HQ Budget Point of Contact:
   Name: Debbra Dayton
   Telephone #: 202-586-4370

4. Responsible Program Office: Analysis, Investigations & Office of the SCIO
   Responsible Program Secretarial Officer:

5. Responsible Program Office: Office of Energy and Threat

6. Responsible Ops/Site Office: Savannah River Operations Office
7a. Major Operating Contractor: Savannah River Nuclear Solutions, LLC (410003)
7b. Contractor Point of Contact: Greg Hull-Ryde
   Telephone #: 803-725-6727

8. Work Authorization Number: IN14013
   Month: July
   9. Revision: 6

10. Funds Hereby Authorized:

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11. Performance Period: 10/1/2013 till expended
12. Work Start Date: 10/1/2013

13. Expected Completion Date: Continuing

14. Statement of Work: GO2540250 funding will cover HQ's sponsored/organized travel expenses for mission meetings and training.

15. Reporting Requirements: Provide monthly cost status reports to program managers.

16. Work Authorization Program Official:
   Name: Charles Durant
   Date: 7/9/2014

17. DOE Field Org/Site Office Official:
   Name: ______________________
   Date: ______________________

   Name: ______________________
   Date: ______________________

19. DOE Contracting Officer (or delegated representative)
   Name: ______________________
   Date: ______________________

Please return signed WORK AUTHORIZATION STATEMENTS (WAS) to the centralized WAS email box at was@doe.gov and penny.lamb@doe.gov within 4 weeks of start time.
U.S. DEPARTMENT OF ENERGY
Work Authorization

1a. Project Title: Energy and Threat
1b. Work Proposal Number:

2. HQ Program Point of Contact:
   Name: Sunny Slacum
   Telephone #: 202-586-8856

3. HQ Budget Point of Contact:
   Name: Debbra Dayton
   Telephone #: 202-586-4370

4. Responsible Program Office: Analysis, Investigations & Office of the SCIO
   Responsible Program Secretarial Officer:
   Office of Energy and Threat

5. Officer:

6. Responsible Ops/Site Office: Savannah River Operations Office
7a. Major Operating Contractor: Savannah River Nuclear Solutions, LLC (410001)
7b. Contractor Point of Contact: Greg Hull-Ryde
   Telephone #: 803-725-6727

8. Work Authorization Number: IN14013
   Month: July
9. Revision: 6

10. Funds Hereby Authorized:

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Totals: 205,240.00 502,260.00 707,500.00 7,500.00 715,000.00

11. Performance Period: 10/1/2013 till expended
12. Work Start Date: 10/1/2013
13. Expected Completion Date: Continuing
14. Statement of Work: G02540250 funding will cover HQ's sponsored/organized travel expenses for mission meetings and training.

15. Reporting Requirements: Provide monthly cost status reports to program managers.
   Date: 7/9/2014
17. DOE Field Org/Site Official: Name:  
   Date: 
18. Contractor's Authorized Rep: Name:  
   Date: 
19. DOE Contracting Officer (or delegated representative): Name:  
   Date: 

Please return signed WORK AUTHORIZATION STATEMENTS (WAS) to the centralized WAS email box at was@doe.gov and penny.lamb@doe.gov within 4 weeks of start time.
Amendment of Solicitation/Modification of Contract

2 Amendment/Modification No: 0479
3 Effective Date: 08/12/2014

4 Requisition/Purchase Req No:

6 Issued By: Savannah River Operations
7 Code: 00901
8 Name and Address of Contractor: Savannah River Nuclear Solutions, LLC
Attn: Lloyd Cleveinger
203 Laurens St SW
Aiken SC 29801

10A Amendment of Solicitation No:
B Dated (See Item 11)

12A MODIFICATION OF CONTRACT/ORDER NO.
DB-AC09-04SR-3470
12B Dated (See Item 13)
01/10/2009

13A Name and Title of Contracting Officer (Type or print)
James Lovett

15A Name and Title of Contractor/Orderer
Contracts Management

15C Date Signed: 08/12/2014

16A United States of America

16C Date Signed

Amendment of Solicitation/Modification of Contract

11. This Item Only Applies to Amendments of Solicitations

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If Required)
No Change to Accounting and Appropriation Data

13. This Item Only Applies to Modification of Contracts/Orders. It Modifies the Contract/Order No. As Described in Item 14.

CHECK ONE
A. This Change Order is issued pursuant to (Specify authority). The changes set forth in item 14 are made in the contract order no. in item 15A.

B. This Change Order is modified to reflect the administrative changes (such as changes in paying office appropriation date, etc.) set forth in item 14, pursuant to the authority of FAR 43.103(b).

C. This supplemental agreement is entered into pursuant to authority of Clause 1.11 of DEAR 470.5204-2 Laws, Regulations, and DOE Directives (Dec 2003) (Amendment 003)

D. Other (Specify type of modification and authority)

E. Important: Contractor ☐ is not ☐ is required to sign this document and return copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF Section Headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to revise and update the list of DOE Directives and Orders applicable to this contract under Section J.

B. Section J - Appendix E - List B/Applicable DOE Directives and Orders (Amendment 003) is deleted in its entirety and is replaced by Section J - Appendix E attached hereto.

C. All other terms and conditions of the contract remain unchanged.
PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

APPENDIX E

APPENDIX E – LIST B/APPLICABLE DOE DIRECTIVES AND ORDERS
(AMENDMENT 003)

Pursuant to the clause in Section I entitled, DEAR 970.5204-2 “Laws, Regulations, and DOE Directives,” the Contractor shall adhere to the ES&H requirements compliance process delineated in the Site Standards/Requirements Identification Document (S/RID). For requirements other than ES&H, the contractor shall adhere to the existing DOE directive requirements that are the basis for established procedures and programs until authorized approvals are obtained to deviate from established requirements. The S/RID, and superseding versions thereof, are hereby incorporated by reference.

The Contracting Officer, or designated representative, may, from time to time via issuance of a Contract Administration Notice (CAN) or other means, revise the ES&H requirements and non ES&H requirements (i.e., List B as referred to in this clause).

The following is the DOE approved List B set of requirements as of 8/11/2014

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August 11, 2014
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A. The purpose of this modification is to obligate funds to CLIN 0001 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 17. Funds in the amount of $10,395,216.59 are hereby obligated to CLIN 0001, thereby increasing it from $5,662,797,418.21 to $5,763,192,634.80.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,062,525,762.04 to $7,072,920,978.63.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Net Increase: $10,395,216.59
FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
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SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
U.S. Department of Energy
SAVANNAH RIVER OPERATIONS
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (City, state, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

CODE 798661048
FACILITY CODE 00901

---

**10A. AMENDMENT OF SOLICITATION NO.**

DE-AC09-08SR22470

**10B. DATED (SEE ITEM 11)**
01/10/2008

Net Increase: $84,608.10

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ Is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☒ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
Clause 1.138-DEAR 970.5204-2 Laws, Regulations, and DOE Directives (Dec 2000) (Deviation) (Amendment 003)

☐ D. OTHER (Specify type of modification and authority)

**14. DESCRIPTION OF AMENDMENT/MODIFICATION**

(a) The purpose of this modification is to obligate funds to CLIN 0001 (Reimbursable Work Commercial (Non-Appropriated Funds)), in accordance with SRNS FINPLAN 17. Funds in the amount of $84,608.10 are hereby obligated to CLIN 0001, thereby increasing it from $5,673,192,634.80 to $5,673,277,242.90.

(b) As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,072,920,978.63 to $7,073,005,586.73.

(c) The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)
James Lovett

15C. DATE SIGNED
8/19/14

16B. UNITED STATES OF AMERICA

STANDARD FORM 30 (REV 10/03)
Prepared by GSA
FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,073,005,586.73, includes $84,608.10 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $84,608.10 for a cumulative total of $5,392,812.84 to-date.

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. **CONTRACT ID CODE**
   11. CONTRACT ID CODE | PAGE OF PAGES
   0482 | 1

2. **AMENDMENT/MODIFICATION NO.**
   0482

3. **EFFECTIVE DATE**
   08/19/2014

4. **REQUISITION/PURCHASE REG. NO.**
   14EM002708

5. **PROJECT NO. (If applicable)**
   

6. **AMENDED/ISSUED BY CODE**
   00901

7. **ADMINISTERED BY (If other than Item 6) CODE**
   

8. **NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)****
   SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
   Attn: LLOYD CLEVINGER
   203 LAURENS ST SW
   Aiken SC 298012421

9. **AMENDMENT OF SOLICITATION NO.**
   SAVANNAH RIVER OPERATIONS
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

10. **AMENDMENT/MODIFICATION NO.**
   0481

11. **EFFECTIVE DATE**
    08/19/2014

12. **REQUISITION/PURCHASE REO. NO.**
    14EM002708

13. **PROJECT NO. (If applicable)**
    

14. **ISSUED BY CODE**
    00901

15. **ADMINISTERED BY (If other than Item 6) CODE**
    

16. **NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)****
   SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
   Attn: LLOYD CLEVINGER
   203 LAURENS ST SW
   Aiken SC 298012421

17. **AMENDMENT OF SOLICITATION NO.**
   SAVANNAH RIVER OPERATIONS
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

18. **AMENDMENT/MODIFICATION NO.**
   0481

19. **EFFECTIVE DATE**
    08/19/2014

20. **REQUISITION/PURCHASE REO. NO.**
    14EM002708

21. **PROJECT NO. (If applicable)**
    

22. **ISSUED BY CODE**
    00901

23. **ADMINISTERED BY (If other than Item 6) CODE**
    

24. **AMENDMENT/MODIFICATION NO.**
   0481

25. **EFFECTIVE DATE**
   08/19/2014

26. **REQUISITION/PURCHASE REO. NO.**
   14EM002708

27. **PROJECT NO. (If applicable)**
   

28. **ISSUED BY CODE**
    00901

29. **ADMINISTERED BY (If other than Item 6) CODE**
    

30. **AMENDMENT/MODIFICATION NO.**
   0481

31. **EFFECTIVE DATE**
   08/19/2014

32. **REQUISITION/PURCHASE REO. NO.**
   14EM002708

33. **PROJECT NO. (If applicable)**
   

34. **ISSUED BY CODE**
    00901

35. **ADMINISTERED BY (If other than Item 6) CODE**
    

36. **AMENDMENT/MODIFICATION NO.**
   0481

37. **EFFECTIVE DATE**
   08/19/2014

38. **REQUISITION/PURCHASE REO. NO.**
   14EM002708

39. **PROJECT NO. (If applicable)**
   

40. **ISSUED BY CODE**
    00901

41. **ADMINISTERED BY (If other than Item 6) CODE**
    

42. **AMENDMENT/MODIFICATION NO.**
   0481

43. **EFFECTIVE DATE**
   08/19/2014

44. **REQUISITION/PURCHASE REO. NO.**
   14EM002708

45. **PROJECT NO. (If applicable)**
   

46. **ISSUED BY CODE**
    00901

47. **ADMINISTERED BY (If other than Item 6) CODE**
    

48. **AMENDMENT/MODIFICATION NO.**
   0481

49. **EFFECTIVE DATE**
   08/19/2014

50. **REQUISITION/PURCHASE REO. NO.**
   14EM002708

51. **PROJECT NO. (If applicable)**
   

52. **ISSUED BY CODE**
    00901

53. **ADMINISTERED BY (If other than Item 6) CODE**
    

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. **ACCOUNTING AND APPROPRIATION DATA**
   Net Increase: $5,284,163.10

13. **THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 10A.

   a. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)

   b. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 10A, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

   c. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

   d. OTHER (Specify type of modification and authority)

   x Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

   e. IMPORTANT: Contractor is not required to sign this document and return copies to the issuing office.

14. **DESCRIPTION OF AMENDMENT/MODIFICATION**
   The purpose of this modification is to obligate funds and correct the modification authority under Modification 0481. The following applies:

A. Funds are obligated under CLIN 0001, (Reimbursable Work Commercial for Other Federal Agency), in accordance with SRNS FINPLAN 17, as cited below:

   1) Department of Homeland Security: $1,055,000.00
   2) Department of Justice: $84,600.00
   3) NO TAS OR TAS AL SELECTED: $1,414,563.10
   4) Other: $2,730,000.00

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15. **NAME AND TITLE OF SIGNER (Type or print)**
   James Lovett

16. **NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**
   James Lovett

17. **CONTRACTOR/OFFEROR**
   SAVANNAH RIVER OPERATIONS
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

18. **DATE SIGNED**
   08/19/2014

19. **UNITED STATES OF AMERICA**
   STANDARD FORM 30 (REV 12/08)

20. **SIGNATURE (Signature of person authorized to sign)**

21. **SIGNATURE (Signature of Contracting Officer)**

22. **NSN**
   7540-01-152-9070

23. **PREVIOUS EDITION UNUSABLE**

24. **STANDARD FORM 30 (REV 12/08)**
   Prescribed by GSA
   FAR (48 CFR) 53.243
The total amount of funds obligated is $5,284,163.10, thereby increasing it from $5,673,277,242.90 to $5,678,561,406.00.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,073,005,586.73 to $7,078,289,749.83.

C. Under Modification 0481, Block 13, Item C, the modification authority is incorrect. The correct authority is block "D. Other, Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)." In addition, the Contractor is not required to sign an obligation of funds modification.

D. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

7. ADMINISTERED BY (If other than item 6)

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No. street, city, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

9. AMENDMENT NO.

10. EFFECTIVE DATE

11. REVISION/IPU REQ. NO.

12. PROTEST NO. (If applicable)

13. AMENDMENT OF SOLICITATION NO.

14. MODIFICATION OF CONTRACT/OFFER OR ORDER NO.

15. MODIFICATION OF CONTRACT/ORDER NO.

16. MODIFICATION OF CONTRACT/ORDER NO.

17. MODIFICATION OF CONTRACT/ORDER NO.

18. DATED (SEE ITEM 11)

19. DATED (SEE ITEM 13)

20. DATED (SEE ITEM 15)

21. CODE

22. FACILITY CODE

23. Net Increase: $381,997.00

24. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended. ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/OFFERS. IT MODIFIES THE CONTRACT ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10.

B. THE ABOVE NUMBERED CONTRACT/OFFER OR ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in pricing, service, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ Other (Specify type of modification and authority)

☒ Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitations/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 18. Funds in the amount of $381,997.00 are hereby obligated to CLIN 0001, thereby increasing it from $5,678,561,406.00 to $5,678,943,403.00.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,078,289,749.83 to $7,078,671,746.83.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

STANDARD FORM 30 (REV. 10-83)

(Preprinted by GSA)

FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition unsuitable
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<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
</tr>
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</table>

FOB: Destination
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

CODE 00901

AMENDMENT NO. 0484

AMENDMENT/MODIFICATION OF CONTRACT

EFFECTIVE DATE 08/20/2014

REQUISITION/PURCHASE REQ. NO. 14EM002751

PROJECT NO. (If applicable) 798861048

FACILITY CODE

I. AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

A. AMENDMENT OF SOLICITATION NO. 10A. MODIFICATION OF CONTRACT/ORDER NO.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b). DE-AC09-08SR22470

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: (Specify type of modification and authority)

D. OTHER (Specify other)

X Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E. IMPORTANT: Contractor is not to redact or otherwise modify this document. Contractor is responsible for making sure that this document is complete and notarized prior to submission. Contractor is required to sign this document and return 0 copies to the issuing office.

F. SIGNATURE OF SIGNER

15A. NAME AND TITLE OF SIGNER (Type or print) James Lovett

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED 8/20/14

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

STANDARD FORM 30 (REV. 10-05)

Prescribed by GSA

FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition unusable

1. CONTRACT ID CODE 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE

7. ADMINISTERED BY (If other than Item 6) CODE
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<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2. AMENDMENT/MODIFICATION NO. 0485
3. EFFECTIVE DATE 08/20/2014
4. REQUISITION/PURCHASE REQ. NO. 14EM002751
5. PROJECT NO. (If applicable)

6. ISSUED BY
   CODE 00901

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (i.e., street, city, state and zip code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

9. CODE 798861048
   FACILITY CODE

10. MODIFICATION OF CONTRACT/OFFER NO.

11. AMENDMENT OF SOLICITATION NO. 088

12. REQUISITION/PURCHASE NO. 14EM002751

13. EFFECTIVE DATE 08/20/2014

14. NAME AND ADDRESS OF CONAWEE:

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

15. AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

16. CONTRACT ORDER NO. DE-AC09-08SR22470

17. DATED (SEE ITEM 11) 01/10/2008

18. MODIFICATION OF CONTRACT/OFFER NO. DE-AC09-08SR22470

19. DATED (SEE ITEM 13) 01/10/2008

20. AMOUNT AND APPROPRIATION DATA (If required)

Net Increase: $646,747.57

21. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers may be extended. ☐ is extended. ☐ is not extended.

22. Checks one of the following:

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)

☐ B. THE ABOVE NUMBERED CONTRACT/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.120(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☐ X Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

23. IMPORTANT:
   Contractor ☐ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

24. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001 (Reimbursable Work for Other Federal Agency), in accordance with SNRS FINPLAN 18, as cited below:

1) Department of Homeland Security: $55,000.00
2) NO TAS OR TAS AI SELECTED: $591,747.57

The total amount of funds obligated is $646,747.57, thereby increasing it from $5,679,161,849.60 to $5,679,808,497.17.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase Continued ...
C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination

<table>
<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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<td>the total amount of funds obligated to the contract from $7,078,890,193.43 to $7,079,536,941.00.</td>
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**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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**Effective Date**

| 08/22/2014 |

**Requisition/Purchase Req. No.**

| R0 |

**Project No.**

| (If applicable) |

**Issued By**

- Savannah River Operations
- U.S. Department of Energy
- P.O. Box A
- Aiken SC 29802

**Code**

| 798861048 |

**Facility Code**

| 01/10/2008 |

**This Item Only Applies To Amendments of Solicitations**

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is not extended. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

**Accounting and Appropriation Data**

- No Change to Accounting Appropriation

**Description of Amendment/MODIFICATION**

- The purpose of this modification is to incorporate the contract work authorizations listed:
  1. No. PC410003-14, Rev 8, for Packaging and Certification and Transportation Support (see attachment)
  2. No. PC410003-14, Rev 9, for Packaging and Certification and Transportation Support (see attachment)

**Contractor/Offeror**

<table>
<thead>
<tr>
<th>Savannah River Nuclear Solutions, LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attn: LLOYD CLEVINGER</td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
</tr>
<tr>
<td>Aiken SC 29801</td>
</tr>
</tbody>
</table>

**Name and Title of Contractor**

| James Lovett |

**Date Signed**

| 8/22/14 |

**United States of America**

| 16B |

**Date Signed**

| 8/22/14 |

**Standard Form 30 (REV 12-83)**

Previous edition unusable

**NSN 7540-01-132-0070**

**Prescribed by GSA**

**FAR (48 CFR) 53 243**
B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

<table>
<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0487
3. EFFECTIVE DATE 08/22/2014
4. REQUISITION/PURCHASE REQ. NO. 14EM002772
5. PROJECT NO. (if applicable)

6. ISSUED BY Savannah River Operations
   CODE 00901

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR
   SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
   Attn: LLOYD CLEVINGER
   203 LAURENS ST SW
   AIKEN SC 298012421

CODE 798861048
FACILITY CODE

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470
10B. DATED (SEE ITEM 11) 01/10/2008

10A. MODIFICATION OF SOLICITATION NO.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. This hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods: (a) by completing Items 6 and 15, and returning __________ copies of the amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate telegram or letter which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)
   Net Decrease: -$800,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☒ Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to correct clerical error under Modification 0485, and de-obligate funds under CLIN 0001 (Department of Energy (DOE) funds), reference SRNS FINPLAN 19. Accordingly, the following applies:

A. Under Modification 0485, paragraph 14.A, the last sentence, the increased total as read "$5,679,808,497.17," should read "$5,679,808,597.17."

B. Under CLIN 0001, Department of Energy (DOE) funds in the amount of (-$800,000.00) are hereby de-obligated, thereby decreasing it from $5,679,808,597.17 to $5,679,008,597.17.

C. As a result of this modification, Part I - Schedule, Section B, Supplies or Services Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
L.C. Clevinger II
Manager, Contracts

15B. CONTRACTOR/OFFICER
Jeff Lovett

15C. DATE SIGNED 8/25/14

15D. UNITED STATES OF AMERICA

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. DATE SIGNED 8/25/14

NSN 7540-01-152-8070
Previous edition: Ineffective

STANDARD FORM 30 (REV. 10-08)

Prescribed by GSA
FAR (48 CFR) 53.243
and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,079,536,941.00 to $7,078,736,941.00.

D. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination

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<td>Attn: LLOYD CLEVINGER</td>
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9B. DATED (SEE ITEM 11) |

X 10A. MODIFICATION OF CONTRACT/ORDER NO. |

DE-AC09-08SR22470 |

10B. DATED (SEE ITEM 13) |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS |

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. |

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods: (a) By completing items 11 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. |

12. ACCOUNTING AND APPROPRIATION DATA (If required) |

No Change to Accounting and Appropriation Data |

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. |

CHECK ONE |

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |

D. OTHER (Specify type of modification and authority) |

X Section I, DEAR 970.5211-1 Work Authorization (May 2007) |

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UFC section headings, including solicitation/contract subject matter where feasible.) |

A. The purpose of this modification is to incorporate four contract work authorizations. Accordingly, the following applies: |

1) No. HI-410003-14, Rev 8, for Fuel Cell Technologies Office (See Attachment 1-A) |
2) No. HQTDO105-14, Rev 7, for Increased Waste Loading (See Attachment 1-B) |
3) No. EM-HBCU-0100-14, for Minority Serving Institution Partnership Program MSIPP) (See Attachment 1-C) |
4) No. 410003-TS-14, Rev 9, for SRNL Technical Support (See Attachment 1-D) |
5) No. HQTDO1001-14, Rev 8, for Waste Retrieval and Closure Technologies (See Attachment 1-E) |

Continued ... |

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as hereafter changed, remain unchanged and in full force and effect. |

15A. NAME AND TITLE OF SIGNER (Type or print) |
James Lovett |

15B. CONTRACTOR/OFFEROR |

15C. DATE SIGNED |

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) |

16B. UNITED STATES OF AMERICA |

16C. DATE SIGNED |

Signature of person authorized to sign |

Signature of Contracting Officer |

MSN 7540-01-152-8070 |
Previous edition unusable |

STANDARD FORM 30 (REV. 10-83) |
Prescribed by GSA |
FAR (48 CFR) 53.243
Funds were previously allocated by separate modifications under FINPLAN No. 17, for Fiscal Year 2014. Pages 2 and 4 of FINPLAN 17, is provided hereto (See Attachment 1-F).

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
A. The purpose of this modification is to incorporate Performance Evaluation Measurement Plan (PEMP), Revision 4, for the period October 1, 2013 through September 30, 2014. Previous edition of the FY 2013 PEMP is hereby superseded and replaced with Revision 4, effective September 02, 2014, copy attached hereto.

B. All other terms and conditions remain unchanged.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: 0490
2. AMENDMENT/MODIFICATION NO.: 0
3. EFFECTIVE DATE: 09/03/2014
4. REQUIREMENTS/PURCHASE REG. NO.: 0
5. PROJECT NO. (if applicable): 0
6. ISSUER CODE: 00901
7. ADMINISTERED BY (if other than item 6) CODE: 0

SAVANNAH RIVER OPERATIONS
U.S. DEPARTMENT OF ENERGY
P.O. BOX A
AIKEN SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (a.k.a., offerer, awardee, State and zip code): SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
ATTN: LLOYD CLEVENGER
203 LAURENS ST SW
AIKEN SC 298012421

9. AMENDMENT OF SOLICITATION NO.: 0
10. DATED (SEE ITEM 11): 01/10/2008
11. MODIFICATION OF CONTRACT/ORDER NO.: 0
12. DATED (SEE ITEM 13): 01/10/2008
13. CODE: 798861040
14. FACILITY CODE: 0

IV. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF SOLICITATIONS

☐ This modified solicitation is accorded an addendum as set forth in Item 14. The hour and date specified for receipt of offers ☐ is extended. ☐ is not extended. Citizens must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By sending copies of this amendment to each offerer; (b) By acknowledging receipt of this amendment to each offerer; (c) By sending copies of this amendment to each offerer.

VI. ACCOUNTING AND APPROPRIATION DATA (if required)

☐ No Change to Accounting and Appropriation Data

☐ This Item Only Applies to Modifications of Contract Orders. It modifies the Contract Order No. as described in Item 14.

A. This Change Order is Issued Pursuant To: [Specify authority. The changes set forth in Item 9 are made in the contract order No. in Item 10.]

B. The above numbered contract/order is modified to reflect these administrative changes (such as changes in pricing, delivery, payment, etc.) set forth in Item 14. Pursuant to the authority of paragraph (a) of 635.203.

C. This supplemental agreement is entered into pursuant to authority of: [Specify type of modification and authority.]

Section I. DEAR 970-5211-1 Work Authorization (May 2007)

A. The purpose of this modification is to incorporate Contract Work Authorization No. EN-RBCO-0100-14, Rev 1, for Minority Serving Institution Partnership Program (MSIPP) (See Attachment 1-A). Funds were previously allocated by separate modifications under FINPLAN No. 17, for Fiscal Year 2014. Page 2 of FINPLAN 17, is provided hereto (See Attachment 1-B).

B. This modification formally incorporates the above referenced Contract Work Authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

15. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by LCF, section headings, including all abbreviations used shall remain unaltered.)

☐ A. The purpose of this modification is to incorporate Contract Work Authorization No.

B. This modification formally incorporates the above referenced Contract Work Authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

D. A. The purpose of this modification is to incorporate Contract Work Authorization No.

E. This modification formally incorporates the above referenced Contract Work Authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

F. The contract estimated value and all other terms and conditions remain unchanged.
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
203 LAURENS ST SW
Attn: LLOYD CLEVINGER
98.
8.
00901
SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
203 LAURENS ST SW
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 29802

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers are extended.  The changes set forth in Item 14 are made in the contract order no. in Item 10A.

A.  THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B.  THE ABOVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C.  THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY:

D.  OTHER (Specify type of modification and authority)

X Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E.  IMPORTANT: Contractor is not.  is required to sign this document and return 0 copies to the issuing office.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $2,150,005.61

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/OFFERS. IT MODIFIES THE CONTRACT/OFFER NO. AS DESCRIBED IN ITEM 14.

A.  THE PURPOSE OF THIS MODIFICATION IS TO OBLIGATE FUNDS TO CLIN 0001 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 21.  Funds in the amount of $2,150,005.61 are hereby obligated to CLIN 0001, thereby increasing it from $5,679,008,597.17 to $5,681,158,602.78.

B.  As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,078,736,941.00 to $7,080,886,946.61.

C.  The contract estimated value and all other terms and conditions remain unchanged.

Signed: Angela S. Morton

15A. NAME AND TITLE OF SIGNER (Type or print)
15B. CONTRACTOR/OFFEROR
15C. DATE SIGNED
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
16B. UNITED STATES OF AMERICA
16C. DATE SIGNED

(Signature of person authorized to sign)  (Signature of Contracting Officer)

NSN 7540-01-152-8070
Prescribed by GSA
FAR (48 CFR) 53.243

Previous edition unusable
FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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**Savannah River Operations**

U.S. Department of Energy

Savannah River Operations

P.O. Box A

Aiken SC 29802

**GENERAL**

**8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)**

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

Attn: LLOYD CLEVINGER

203 Laurens St SW

Aiken SC 298012421

**CODE 798861048 FACILITY CODE **

- **11A. AMENDMENT OF SOLICITATION NO.**
  - **19A. AMENDMENT OF SOLICITATION NO.**
  - **19B. DATED (SEE ITEM 11)**
  - **10A. MODIFICATION OF CONTRACT/ORDER NO.**
    - **DE-AC09-08SR22470**
  - **10B. DATED (SEE ITEM 12)**
    - **01/10/2008**

- **12. ACCOUNTING AND APPROPRIATION DATA (if required)**
  - **Net Increase:** $174,786.40

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDER. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

- **A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)**
  - **THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.**

- **B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.309(b).**

- **C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:**
  - **Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)**

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

**A.** The purpose of this modification is to obligate funds to CLIN 0001 (Reimbursable Work Commercial (Non-Appropriated)), in accordance with SRNS FINPLAN 21. Funds in the amount of $174,786.40 are hereby obligated to CLIN 0001, thereby increasing it from $5,681,158,602.78 to $5,681,333,369.18.

**B.** As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,080,886,946.61 to $7,081,061,733.01.

**C.** The contract estimated value and all other terms and conditions remain unchanged.

**15. NAME AND TITLE OF SIGNER (Type or print)**

Marie A. Garvin

**16. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

- **15A.**
  - **15C. DATE SIGNED**
    - **09/10/14**
  - **15B. CONTRACTING OFFICER**
  - **16A.**
  - **16B. UNITED STATES OF AMERICA**

- **(Signature of person authorized to sign)**

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NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,081,061,733.01, includes $174,786.40 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $174,786.40 for a cumulative total of $6,118,163.00 to-date.

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6. ISSUED BY  00901  7. ADMINISTERED BY (If other than Item 6)  COO

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (Ne., street, county, State and ZIP Codes)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9A. AMENDMENT OF SOLICITATION NO. 09/10/2014

9B. DATED (SEE ITEM 11) 09/10/2014

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

10B. DATED (SEE ITEM 13) 01/10/2008

11A. AMENDMENT OF SOLICITATION NO.

11B. DATED (SEE ITEM 11) 01/10/2008

11C. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

11D. DATED (SEE ITEM 13) 01/10/2008

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. [ ] Is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ___ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

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13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

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| B. | THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |

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<th>C.</th>
<th>THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</th>
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| D. | OTHER (Specify type of modification and authority) |

X Clause I 53 - DEAR 970.5322-4 Obligation of Funds (Dec 2000)

15. IMPORTANT: Contractor [ ] is, [ ] is not, required to sign this document and return ___ copies to the issuing office.

16. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001 (Reimbursable Work for Other Federal Agency), in accordance with SRNS FINPLAN 21, as cited below:

1) Department of Defense: $76,654.30
2) Department of Homeland Security: $800,000.00
3) Department of Justice: ($28,095.93)
4) Other: (-$540.08)

The total amount obligated is $848,018.29, thereby increasing it from $5,681,333,389.18 to $5,682,181,407.47.

Continued...

15A. NAME AND TITLE OF SIGNER (Type or print) Marie A. Garvin

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED 09/10/2014

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED 09/10/2014

(Signature of person authorized to sign) ________________________________

(Signature of Contracting Officer) ________________________________

NSN 7540-01-152-9970

Previous edition unavailable

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA

FAR (48 CFR) 53.243
B. As a result of this modification, Part I – Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled “Obligation of Funds,” is hereby revised to increase the total amount of funds obligated to the contract from $7,081,061,733.01 to $7,081,909,751.30.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE 1094
2. AMENDMENT/MODIFICATION NO. 0494
3. EFFECTIVE DATE 09/10/2014
4. REQUISITION/PURCHASE REQ. NO. 780001
5. PROJECT NO. (If applicable)

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

6. ISSUED BY CODE 00901

7. ADMINISTERED BY (If other than item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

9. ISSEID PURSUANT TO:

THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT
B. THE ABOVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER (Specify type of modification and authority)

Section I, DEAR 970.5211-1 Work Authorization (May 2000)

EL IMPORTANT: Contractor [ ] is not. [ ] is required to sign this document and return 0 copies to the issuing office.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. [ ] is not extended.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

No Changes to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT ORDERS. IT MODIFIES THE CONTRACT ORDER NO. AS DESCRIBED IN ITEM 14.

CHECKONE:
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X Section I, DEAR 970.5211-1 Work Authorization (May 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where possible.)
The purpose of this modification is to incorporate the changes cited below:

a) Correct clerical error under Modification 0489; and
b) Incorporate one (1) Contract Work Authorization

Accordingly, the following applies:

A. Under Modification No. 0489, Standard Form 30, block 14, paragraph A, the third line as read "FY 2013 PEMP," should read "FY 2014 PEMP."

B. Contract Work Authorization No. PC410003-14, Rev 10, for Packaging Certification Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

James Lovett

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED 9/17/14

15D. UNITED STATES OF AMERICA

15E. DATE SIGNED

Signature of person authorized to sign

NSN 7540-01-152-5070

Previous edition unusable

15F. SIGNING AUTHORITY (Type or print)

Stated hereafter

15G. STANDARD FORM 30 (Rev. 10-93)

Prepared by USA

FAR (48 CFR) 53.246
Program and Transportation Operations Support is hereby incorporated (See Attachment 1-A). Funds were previously allocated by separate modifications under FINPLAN No. 21, for Fiscal Year 2014. In addition, page 2 of FINPLAN 17, is provided hereto (See Attachment 1-B).

C. This modification formally incorporates the above referenced Contract Work Authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

D. The contract estimated value and all other terms and conditions remain unchanged.
**Contract Work Authorization**  
**Supporting Documentation Index**

<table>
<thead>
<tr>
<th>Document No.</th>
<th>Work Proposal Number</th>
<th>Project Title</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>PC410003-14, Rev 10</td>
<td>Packaging and Certification and Transportation Operations Support (4 pages), DOE-SR generated form with reviewers and approval concurrence (Funds allocated/de-obligated under FINPLAN #21)</td>
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<tr>
<td>B</td>
<td>FINPLAN #21</td>
<td>FINPLAN #21 (Page 2 ONLY)</td>
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**Note:** Funding previously allocated/de-obligated under FINPLAN 21. The Contract Work Authorization was reviewed via DOE-SR Electronic System for Approval. The generated Contract Work Authorization with the reviewers and/or approvals concurrences is considered the validated signed copy by all parties, for the official contract file for Modification No. 0494/STRIPE Procurement System.
Supporting Documentation No. 1-A
Work Authorization

1a. Project Title: Pkg and Cert & Trans Ops Supp
1b. Work Proposal Number (if applicable): DE-AC09-08SR22470 - 410003
1c. Performing Organization: SRNL

2. Headquarters Program Point of Contact:
Name: Stephen O'Connor
Organization Code: EM-33
Telephone No.: 301.903.7854

3. Headquarters Budget Point of Contact:
Name: Angela Maddox
Organization Code: EM-61
Telephone No.: 301.903.4888

4. Responsible Program:
Office of Packaging and Transportation
5. Responsible Secretarial Officer:
Office of Environmental Management

6. Responsible Field Organization:
U.S. Department of Energy (DOE), Savannah River Operations (SR)

7a. Site and Facility Management Contractor:
Savannah River Nuclear Solutions, LLC
7b. Contractor Point of Contact:
Name: John Temple
Telephone No.: 803-952-7210

8. Work Authorization Number:
PC410003-14
9. Revision Number:
10

10. Funds Authorized (See note below)
Work subject to funds availability. Please see attached worksheet for detail. This is a funding correction based on the attached email.

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Total: 2,946,704.00

11. Performance Period Covered by Funds. (See NOTE in block 10)
From: 10/01/2013 To: 09/30/2015

12. Work Start Date: 10/01/2013
13. Expected Completion Date: 09/30/2015

14. Statement of Work (includes attachments)
Funding is provided to support the DOE Packaging Certification Program (PCP) for conducting packaging certification reviews and confirmatory analysis for the Safety Analysis Report for Packaging and/or facilities, and providing oversight, assistance and training in these and other technical areas. This also includes PCP administrative management functions; analysis and field implementation of the DOE PCP Radiofrequency Identification Program for the SOTs and other areas, facilities, packages and packaging; the Quality Assurance Approval Program, including program reviews, field audits and follow-up activities; and providing specific technical experts to assist the DOE PCP and/or Office of Packaging and Transportation in conducting audits, program management, and program, project, and field assessments and other assignments as needed.

15. Technical Point of Contact
Name: Jeffery England/SRNUSrs
Title: SRS Technical Point of Contact
Email: jeffery.england@sml.doe.gov
Phone: (803) 725-4762
<table>
<thead>
<tr>
<th>16. DOE-SR Program Point of Contact</th>
<th>17. DOE-SR Field Budget Official</th>
<th>18. Contractor's Authorized Representative</th>
<th>19. DOE Contracting Officer (or delegated representative)</th>
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<tbody>
<tr>
<td>Patrick Jackson/DOE/Srs</td>
<td>Harold Nielsen/DOE/Srs</td>
<td>John Temple/SRNS/Srs</td>
<td>James Lovett/DOE/Srs</td>
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**Technical POC**

I accept the scope and funding requirements and have no issues meeting the requirements.

Belinda Beckum has pressed the button, "I accept the scope and funding requirements and have no issues meeting the requirements." 09/09/2014 12:39 PM

---

**DOE-SR Work Authorization Program**

**DOE Order 412 Compliance Checksheet**

<table>
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<th>DOE Order 412 Compliance Checksheet</th>
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<tbody>
<tr>
<td>Pkg and Cert &amp; Pkg and Trans Ops Suppt</td>
<td>PC410003-14</td>
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At a minimum, each work authorization will contain the following information:

- Yes ☐ No Project title and reference to work proposal number, if applicable
- Yes ☐ No Headquarters programmatic point of contact, organization, and telephone number
- Yes ☐ No Headquarters budget point of contact, organization code, and telephone number
- Yes ☐ No Responsible program
- Yes ☐ No Responsible program Secretarial Officer
- Yes ☐ No Responsible field organization
- Yes ☐ No Responsible contracting officer if different from above
- Yes ☐ No Site/facility management contractor name, point of contact, and telephone number
- Yes ☐ No Work authorization number, with revision number if applicable
- Yes ☐ No Budget and reporting code and funding level
- Yes ☐ No Dates for performance period, work start, and work completion
- Yes ☐ No Statement of work (see paragraph below)
- Yes ☐ No Headquarters, field organization, contractor, and if involving changes to scope, schedule, or funding, contracting officer signature blocks
- Yes ☐ No Reporting requirements, including (a) project management or status reports and (b) reports or publications for the purpose of informing DOE, the scientific community, and the public of the project results (e.g., scientific advances or technical progress)

The statement of work will include the following information as appropriate:

- Yes ☐ No Detailed statement of work to be performed or reference to a work proposal, project plan, or similar document describing the scope of work in detail
- Yes ☐ No Required milestone dates
- Yes ☐ No Deliverables, including technical information as required by DOE O 241.1A, Scientific and Technical Information Management
- Yes ☐ No Associated performance-based indicators/targets consistent with DOE G 120.1-5, Guidelines for Performance Measurement, and any additional guidance that will assist the contractor in the performance of the work.

**Reviewer's Comments**

This authorization is: Accepted. If rejected, then comments are provided in this space.
DOE-SR Program Point of Contact | Date
Patrick Jackson/DOE/Srs | 08/28/2014 12:39 PM

DOE-SR Field Budget Official

BEARS database search complete and results attached to WAD package? Y  N

Funding constrained: (Year constrained; CR; etc.) BRX0251 No Year Funds, FY 2014 Budget Authority, On Finplan #20.

- 2-year money
- 1-year money
- No year money
- Free money

Is this funding in the Fin Plan? Y  N

Necessary expense:

1. Does the expenditure bear a logical relationship to the appropriation sought to be charged? In other words, does it must make a direct contribution to carrying out either a specific appropriation or an authorized agency function for which more general appropriations are available? Y  N

2. Is the expenditure prohibited by law? Y  N

3. Is the expenditure otherwise provided for, that is, is it an item that falls within the scope of some other appropriation or statutory funding scheme? Y  N

Contract Mod Admin

Contract Mod # | Attach Signed Mod
0494

Attachments

- PKG. PC410003-14 R10 England.pdf
- Tech POC.pdf

Notify on Approval

General Comment

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<td>The Tech POC accepts the scope and the funding per attachment above.</td>
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### Work Authorization: In Process

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**Total for Program Parent/Control Point: FS5010010**

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**Total for Program Parent/Control Point: EY6484130**

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**Total for Program Parent/Control Point: EY6484330**

**Total for Fund: 01267**

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The purpose of this modification is to obligate funds to CLIM 0001 (Department of Energy), in accordance with SANS FINPLAN 22. Funds in the amount of $3,548,483.91 are hereby obligated to CLIM 0001, thereby increasing it from $5,682,181,407.47 to $5,685,729,891.38.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,081,909,751.30 to $7,085,456,235.21.

C. The contract estimated value and all other terms and conditions remain unchanged.

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Signed as provided herein, all terms and conditions of the document referenced in Item 8 A or 10A, as hereinafter changed, remain unchanged and in full force and effect.

10a. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

James Lovett

9/18/14
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0496

3. EFFECTIVE DATE 09/18/2014

4. REQUISITION/PURCHASE REQ. NO. 14EM003124

5. PROJECT NO. (if applicable)

6. ISSUED BY CODE 00901

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13) 01/10/2008

CODE 798861048

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ is extended. ☐ Is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

Net Decrease: -$61,221.69

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to de-obligate funds from CLIN 0001 (Reimbursable Work Commercial (Non-Appropriated Funds)), in accordance with SRNS FINPLAN 22. Funds in the amount of ($61,221.69) are hereby de-obligated from CLIN 0001, thereby decreasing it from $5,685,729,891.38 to $5,685,668,669.69.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,085,458,235.21 to $7,085,397,013.52.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

15A. NAME AND TITLE OF SIGNER

Sr. Vp Finance

15C. DATE SIGNED 9/18/14

15B. CONTRACTOR/OFFEREE

James Lovett

15D. SIGNATURE OF PERSON AUTHORIZED TO SIGN

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 9.343
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The total amount of funds obligated to CLIN 0001 is $124,738.71, thereby increasing it from Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 10A, as hereinafter changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

15C. DATE SIGNED
9/18/2014

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton

16C. DATE SIGNED
9/18/2014

Department of Defense: (-$9,905.72)
Department of Justice: $28,073.73
Department of State: $16,932.07
Executive Office of the President: (-$5,023.19)
Other: (-$19,081.17)

The total amount of funds obligated to CLIN 0001 is $124,738.71, thereby increasing it from...
$5,685,668,669.69 to $5,685,793,408.40.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,085,397,013.52 to $7,085,521,752.23.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
## AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
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<th>5 PROJECT NO. (if applicable)</th>
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<td>00901</td>
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<tr>
<th>7 ADMINISTERED BY</th>
<th>(if other than item 6)</th>
<th>CODE</th>
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</thead>
</table>

Savannah River Operations  
U.S. Department of Energy  
P.O. Box A  
Aiken SC 29802

8 NAME AND ADDRESS OF CONTRACTOR  
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVINGER  
203 LAURENS ST SW  
AIKEN SC 298012421

9A AMENDMENT OF SOLICITATION NO.  
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVINGER  
203 LAURENS ST SW  
AIKEN SC 298012421

9B DATED (SEE ITEM 11)  
30/1/2008

10A MODIFICATION OF CONTRACT/OFFER NO.  
DE-AC09-08SR22470  
10B DATED (SEE ITEM 13)  
01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  
☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers are extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 9 and 15, and returning copies of the amendment; (b) By acknowledging receipt of the amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. Failure of this amendment to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT ORDER NO. AS DESCRIBED IN ITEM 14.

Check One  
☐ A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority): THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY:

☐ D OTHER (Specify type of modification and authority)  
Section I, DEAR 970.5211-1 Work Authorization (May 2007)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCP section headings, including solicitation/contract subject matter where feasible):  
The purpose of this modification is as follows:

A. Pursuant to DOE Order 412.1A Work Authorization, and Contract Clause I.53 Obligation of Funds, the SRNL Minor Bars outlined in Attachment 1, "No Year Funds," are hereby extended through 9/30/2015; subject to the availability of funds.

B. All other Terms and Conditions remain the same.

Note: This modification provides guidance regarding availability of funds and the Period of Performance only. Contract work authorizations for FY 2015, will be incorporated by separate modifications. Funds for work authorizations will continue to be allocated upon Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, are hereinafter changed, remains unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)  
Contracts Management  
John W. Temple, Senior Vice President

15B CONTRACTING OFFICER  
James Lovett

15C DATE SIGNED  
9/23/14

15D. UNITED STATES OF AMERICA  
9/23/14

STANDARD FORM 59 (REV 15-03)  
Prescribed by GSA  
FAR (48 CFR) 83.243
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<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
</tr>
</thead>
</table>
| availability of funds under SRNS FIN PLANs for FY 2015, in accordance to the terms and conditions of subject contract.
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

| 14EM003215 | 0499 | 09/25/2014 | 14E | 00901 | Savannah River Operations | U.S. Department of Energy | Savannah River Operations | P.O. Box A | Aiken SC 29802 |
| 90/25/2014 | 14EM003215 | 00901 | SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC | Attn: LLOYD CLEVINGER | 203 LAURENS ST SW | Aiken SC 298012421 |
| | | | | | | | | | | DE-AC09-08SR22470 | 01/10/2008 |

**SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC**  
Attn: LLOYD CLEVINGER  
203 LAURENS ST SW  
AIKEN SC 298012421

**Code 798861048**  
**Facility Code 01/10/2008**

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

No Change to Accounting and Appropriation Data

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☐ X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

**E. IMPORTANT:** Contractor ☐ is not. ☐ is required to sign this document and return 1 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION** (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to extend the Period of Performance for the contract work authorizations listed below:

1) No. 11C-FY15, Rev. 0, for SR-0011C NM Stabilization and Disposition - 2035 Fund Code 01264
2) No. 12-FY 15, Rev. 0, for SR-0012 SNF Stabilization and Disposition Fund Code 01265
3) No. 13-FY15, Rev. 0, for SR-0013 Solid Waste Disposition Fund Code 01266
4) No. 14C-FY15-Support, Rev. 0, for SR Services and Contract Interface
5) No. 20-FY15, Rev. 0, for SR-0020 Safeguards and Security Fund Code 01250
6) No. 30-FY15, Rev 0., for SR-0030 Soil and Ground Water Remediation Fund Code 01267

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**

Angela S. Morton

**15B. CONTRACTOR/OFFERER**

[Signature of person authorized to sign]

9/25/14

**15C. DATE SIGNED**

[Signature of Contracting Officer]

9/30/2014

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243
Budget Authority obligated under most current contract modification and related approved financial plan executed under contract clauses B-4, Obligation of Funds, and I.53, DEAR 970.5232-4 Obligation of Funds (Dec 2000) applies. The period of performance is changed from "10/1/13 thru 9/30/14," to read "10/1/13 thru 9/30/15," for work authorization(s) listed above. This extension allows for the continuation of work subject to funds availability. SRNS shall comply with the restrictions cited under Funds Authorized for contract work authorizations, see attachments 1-A through 1-F, attached hereto.

B. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
A. The purpose of this modification is to incorporate Clause FAR 52.203-17 Contractor Employee Whistleblower Rights and Requirement To Inform Employees of Whistleblower Rights (APR 2014), by November 15, 2014, in accordance with guidance from Department of Energy Headquarters, Policy Flash 2014-03, reference Federal Acquisition Circular (FAC) 2005-70.

B. Under Part II - Contract Clauses, Section I, the above reference clause is hereby incorporated in full text as cited below:

I.63 52.203-17 CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS AND REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS (APR 2014)

Continued...
(a) This contract and employees working on this contract will be subject to the whistleblower rights and remedies in the pilot program on Contractor employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub.L.112-239) and FAR 3.908.

(b) The Contractor shall inform its employees in writing, in the predominant language of the workforce, of employee whistleblower rights and protections under 41 U.S.C. 4712, as described in section 3.908 of the Federal Acquisition Regulation.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in all subcontracts over the simplified acquisition threshold.

C. The contract estimated value and all other terms and conditions remain unchanged.
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
203 LAURENS ST SW
Aiken SC 29802

Authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization
A. The purpose of this modification is to incorporate the contract work authorizations
listed below:
1) No. HI-410003-14, Rev 9, for Fuel Cell Technologies Office (See Attachment 1-A)
2) No. 89X0319-14, Rev 7, for Fuel Cycle Technologies (See Attachment 1-B)
3) No. WW-410003-14, Rev 4, for Wind and Hydropower Tech Program (See Attachment 1-C)

B. This modification formally incorporates the above referenced Contract Work Authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or
unilaterally shall become a part of the contract. Funds were previously obligated under
Continued ...

James Lovett

NSN 7540-01-152-8070
Previos edition unusable
SRNS FINPLAN, numbers 22 and 23. Copies of the applicable pages are provided as Attachment 1-D, hereto.

C. The contract estimated value and all other terms and conditions remain unchanged.
The purpose of this modification is to obligate funds to CLIN 0001 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 22. Funds in the amount of $6,642,455.80 are hereby obligated to CLIN 0001, thereby increasing it from $5,685,793,408.40 to $7,092,164,208.03.

As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,085,521,752.23 to $7,092,164,208.03.

The contract estimated value and all other terms and conditions remain unchanged.

Net Increase: $6,642,455.80

Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

CODE 798861048

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
SAVANNAH RIVER OPERATIONS
P.O. BOX A
AIKEN SC 29802

8. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

12. ACCOUNTING AND APPROPRIATION DATA (if required)

Net Increase: $6,642,455.80

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. THE PURPOSE OF THIS MODIFICATION IS TO OBLIGATE FUNDS TO CLIN 0001 (DEPARTMENT OF ENERGY (DOE)), IN ACCORDANCE WITH SRNS FINPLAN 22. FUNDS IN THE AMOUNT OF $6,642,455.80 ARE HEREBY OBLIGATED TO CLIN 0001, THEREBY INCREASING IT FROM $5,685,793,408.40 TO $5,692,435,864.20.

B. AS A RESULT OF THIS MODIFICATION, PART I - SCHEDULE, SECTION B, SUPPLIES OR SERVICES AND PRICE/COST, PARAGRAPH B, ENTITLED "OBLIGATION OF FUNDS," IS HEREBY REVISED TO INCREASE THE TOTAL AMOUNT OF FUNDS OBLIGATED TO THE CONTRACT FROM $7,085,521,752.23 TO $7,092,164,208.03.

C. THE CONTRACT ESTIMATED VALUE AND ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

Exept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as hereafter changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

18C. DATE SIGNED

9/9/2014

STANDARD FORM 30 (REV. 10-63)

Proscribed by GSA

FAR (48 CFR) 35.203
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<td>(C)</td>
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FOB: Destination
The purpose of this modification is to obligate funds to CLIN 0001, and correct clerical error under Modification 0502. Accordingly the following applies:

A. Reimbursable Work Commercial (Non-appropriated Funds) in the amount of $124,085.50 are hereby obligated to CLIN 0001, thereby increasing it from $5,692,435,864.20 to $5,692,559,949.70, in accordance with SRNS FINPLAN 23.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,092,164,208.03 to $7,092,288,293.53.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as hereafter changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton

15C. DATE SIGNED 16C. DATE SIGNED
9/29/2014

STANDARD FORM 30 (REV. 10-83)
Previos edition unusable

NSN 7540-01-152-9070
Prescribed by GSA
FAR (48 CFR) 53.243

D. The contract estimated value and all other terms and conditions remain unchanged.

NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,092,288,293.53, includes obligation of $124,085.50 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $124,085.50 for a cumulative total of $6,181,026.81 to-date.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0504
3. EFFECTIVE DATE 09/30/2014
4. REQUISITION/PURCHASE REQ. NO. 14RM003250
5. PROJECT NO. (If applicable)

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

CODE 00901

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
203 LAURENS ST SW
Aiken SC 29802

B. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
203 LAURENS ST SW
Aiken SC 298012421

CODE 798861048

11. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDER, AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E. IMPORTANCE: Contractor is not. is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in the amount of $232,619.00 are hereby obligated to CLIN 0001, thereby increasing it from $5,692,559,949.70 to $5,692,792,568.70, in accordance with SRNS FINPLAN 23.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,092,288,293.53 to $7,092,520,912.53.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print) Angela S. Morton

15C. DATE SIGNED 9/30/2008

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16C. DATE SIGNED
NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

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FOB: Destination
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
P.O. Box A
AIKEN SC 29802

The purpose of this modification is to incorporate the Performance Evaluation Measurement Plan (PEMP), for the period October 1, 2014 through September 30, 2015, which is attached hereto. The attached PEMP is based upon conditional approval, granted September 30, 2014, reference Memorandum, Head of Contracting Activity, Office of Environmental Management.

B. All other terms and conditions remain unchanged.
U.S. Department of Energy
Savannah River Site

PERFORMANCE EVALUATION
MEASUREMENT PLAN

Modification No. 0505

Evaluation Period:
October 1, 2014 through September 30, 2015

Savannah River Nuclear Solutions, LLC
Savannah River Site, Aiken SC
CONTRACT NO. DE-AC09-08SR22470
Approval Page

Concurrence:  

Lucy Knowles  
Chief Counsel, Office of Chief Counsel

Date:

September 15, 2014

Jeffrey C. Armstrong  
Director, Office of Acquisition Management

9/17/2014

Douglas E. Hintze  
Assistant Manager for Mission Support

15 Sept 2014

Approval:

James Lovett, Jr.  
Contracting Officer  
Contracts Management Division

9/17/2014
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1. Purpose

This document serves as the Performance Evaluation Measurement Plan (PEMP) for fiscal year 2015 as identified in Section H-28, Performance Based Incentives, of Contract No. DE-AC09-08SR22470 between the U.S. Department of Energy (DOE) Environmental Management (EM) Savannah River (SR) and Savannah River Nuclear Solutions, LLC (SRNS), approved January 10, 2008.

Incentives are developed annually by DOE-SR and SRNS to support mission strategies for the fiscal year and measure all work performed by the contractor during the evaluation period. The SRNS contract is a performance based contract for the management of a DOE facility governed by the provisions of FAR 17.6 and DEAR 917.6. It is a cost-reimbursement contract with provisions for a general performance fee and performance incentives as provided for in the clause in Section I entitled, DEAR 970.5215-1 Total Available Fee: Base Fee Amount and Performance Fee Amount.

The PEMP addresses development of the Performance Incentive Document (PID). This includes administration of performance measures at the contract level for total available fee defined in the contract, Section B, Supplies or Services and Prices/Costs. Incentives are approved only when funding is authorized for fee-bearing work.

National Nuclear Security Administration (NNSA) and EM incentives established under the contract are contained in the PEMP as attachments. The PEMP, incentive documents and revisions become part of the contract through contract modification.

NNSA works with DOE-SR to develop incentives for the site. Development, review and approval of incentives, and revisions, are managed through the program Head Contracting Activity; NNSA incentives are approved by the NNSA Program Administrator. The approved NNSA incentives are included in the Performance Evaluation Plan (PEP) and are included as Attachment D of the PEMP.

2. PEMP Integrated Project Team (IPT)

An Integrated Project Team (IPT) has been established in accordance with DOE O 413.3B, Program and Project Management for the Acquisition of Capital Assets. The team’s charter defines specific roles and responsibilities of the IPT. IPT roles and responsibilities are further defined in Savannah River Implementing Procedure (SRIP) 412.1, Performance Evaluation and Measurement Plan. Reference Attachment A, Integrated Project Team (IPT) Charter.

3. The PEMP Process

The PEMP process for SRNS is based on fiscal year performance as identified in the contract. The PEMP process is further defined in Savannah River Implementing Procedure (SRIP) 412.1, Performance Evaluation and Measurement Plan.

3.1 Incorporating DOE, EM and Site Mission

The DOE-SR publishes a Strategic Plan in support of DOE-EM and NNSA missions. The Strategic Plan articulates site vision and missions to successfully execute current missions, including sustainability and revitalization of site assets.

During the past several years federal and contractor staff worked together to define performance measures for strategies in order to develop performance statements, metrics and milestones. As a result of this effort, EM, NNSA and site missions are tied to the contract statement of work.

Functional areas of the contract Statement of Work identify mission-critical outcomes. Outputs and measures define how work is performed in order to meet the outcomes. This framework is used to develop criteria in the Performance Incentive Document (PID).
3.2 Performance Planning and Modifications

The PEMP is developed with federal and contractor staff input. Both federal and contractor parties strive to reach mutual agreement on expected business, operational and technical performance and work together to develop incentives, descriptions and associated measures tied to contract level objectives, strategic goals and program objectives. Incentives and their associated fee demonstrate direct flow down of strategic goals and priorities.

EM and NNSA headquarters contracting authorities review and approve the PEMP and any change to an incentive's total amount of available fee. The Contracting Officer (CO) reserves the right to make unilateral decisions on all performance objectives and incentives (including the associated measures and targets) used to evaluate contractor performance, including any modifications.

The cost of contract fee is split between EM and NNSA and the ratio is approximately a 60/40 split. This EM fee amount is then further subdivided to each PBS based on funding, complexity and risk. EM Headquarters has given the DOE-SR Contracting Officer authority to manage contract fee, up to $25M, thus any subsequent PEMP changes that occur at the PBS level are managed and approved by the DOE-SR CO.

The PEMP is developed and approved prior to the beginning of each evaluation period. Only the CO can change the PEMP. No changes will be made to the PEMP with less than 60 days remaining in the evaluation period.

3.3 Risk Management

DOE site management uses an integrated risk management process for the EM life cycle. This process provides programmatic risk analyses of work, establishes a process for identification and management of risks and integrates risk data from prime contractors, including SRNS.

The DOE-SR integrated approach to risk management ensures project teams and management are involved in risk identification, grading, handling, impact determination, and integration. The process concludes with preparation of the Risk & Opportunity Analysis Reports (ROAR) and contingency estimates contained in the DOE-SR Federal Risk Management Plan (FRMP) [DOE-SR Risk Summary and Integrated Contingency Analysis]. Each project ROAR provides a summary description of the integrated approach employed in the development of a project risk plan.

An assessment process is used to identify risks and opportunities associated with each project. The risks and opportunities are analyzed and strategies developed to ensure risks are managed to acceptable levels and opportunities are identified to improve the probability of successful completion of the project work scope. A detailed description of the methodology employed for the risk and opportunity assessment conducted by each of the Integrated Project Risk Teams appears in Manual E11, Procedure 2.62 Project Risk and Opportunity Analysis.

3.4 Performance Incentive Document (PID)

A Fee Allocation Model is developed by the IPT and is illustrated in Attachment B. It is used to illustrate distribution of fee based on weighting of funding, priority and complexity.

The PID identifies specific performance criteria that can be documented when completed, and an amount of fee, used as an incentive, associated with completing and documenting performance. The PID contains the following information statements: Performance Outcome, Contract Output, Description, Background, Justification, Number, Date, Fee, Completion Criteria, and Acceptance Criteria. The PID is further defined in Savannah River Implementing Procedure (SRIP) 412.1, Performance Evaluation and Measurement Plan.

3.5 Other Incentives
Incentives negotiated as a result of the cost reduction process per SRNS-RP-2009-01188, SRNS Continuous Improvement System Implementation will be managed per SRNS Contract clause 1.42, DEAR 970.5215-4, Cost Reduction, in conjunction with the SRNS Continuous Improvement Process.

The CO may mutually negotiate with the contractor additional available fee for additional work not covered by the available budget. The funds for such work and the associated available fee are funded through the contractor’s efficiencies in accomplishing the otherwise funded work. The additional work must be performed in a safe manner meeting all necessary requirements; and the performance of the additional work cannot affect the safe, proper performance of the otherwise funded work. Any additional work will be authorized in accordance with provision in the contract entitled, Work Authorization System and is considered above base scope. This additional work falls under the management of DOE O 412.1A, Work Authorization System.

Incentives created as a result of implementing the above contract clause and/or directive will be managed per separate contract requirements, and authorized through contract modification.

4. Change Control

Performance incentives and fee allocation will not be changed unless there is a significant impact by a change to the scope of the contract, baseline or funding as directed by the government or government delay affecting the contractor’s ability to achieve the stated performance incentives and measures in the PEMP. Any changes are subject to DEAR 970.5243-1, Changes, as provided in the contract and must be approved by the CO and Fee Determining Official (FDO).

1. All proposed changes to a PID will be discussed at scheduled Award-Fee Board/IPT meetings.
2. Following Fee Board/IPT discussion, the contractor will submit formal correspondence to the CO requesting the proposed change to the PID. The correspondence should include:
   a. Any proposed change to the original incentive document
   b. Proposed new incentives tied to the current Contract Performance Baseline (CPB)
   c. Proposed fee allocation adjustment between current incentives and/or new incentives
   d. Elimination of current incentives
3. Upon receiving correspondence from the contractor, the CO will consult the appropriate Assistant Manager/Office Director (AM/OD) and Subject Matter Expert to determine:
   a. If the proposed change impacts the CPB
   b. If the proposed change identifies new and/or unfunded scope
   c. If the proposed change impacts multiple site organizations
4. If the proposed change does not meet any one of the above determinations, the CO will issue correspondence to the contractor approving such change to the PID that incorporates advice of the AM/OD and/or Subject Matter Expert.
5. If the proposed change meets any one of the above determination’s, the CO will request the contractor develop and submit a Baseline Change Proposal (BCP) for review by the federal (site) configuration control board.
   a. Following the recommendation of the federal configuration control board, the CO will issue correspondence to the contractor approving such change to the PID that incorporates the advice of the Fee Board.
6. The CO will issue a modification to the contract for any change to currently approved PID.
7. The CO may deny any proposed changes to the PID.

Action directed by CO correspondence is considered to be within scope of work of the existing contract. If the contractor considers that carrying out direction may increase contract costs or delay any delivery, the contractor shall promptly notify the CO orally, confirming and explaining the notification in writing as soon as possible, but within no more than five (5) working days. Following oral notification and submission of the written notice of impacts, the Contractor shall await further direction from the CO prior to implementing the action.

5. Federal Oversight of Contractor Performance
Central to administration of the contract is assessment of contract performance. All federal employees performing assessments are expected to understand terms and conditions of the contract. In order to verify performance, a systematic process of assessment, analysis, documentation and feedback will be required. A range of assessment techniques from data/metric reviews and analysis, to review of self-assessments by the contractor, to formal multidisciplinary assessments will be employed. The assessments will be tailored based on the level of definition of the work requirements and complexity of the function.

Procedures for assessing contract performance are described in the SR Manual (SRM) 226.1.1D, Integrated Performance Assurance Manual. The intent of the oversight processes described in the manual is to assure contractor compliance with contract requirements, provide for timely identification and correction of deficient conditions, verify effectiveness of completed corrective actions, and pursue excellence through continued improvement. Additionally, the manual is intended to assist DOE in implementing the site contractor oversight system (a management framework of related processes to determine whether federal and contractor assurance programs are performing effectively and/or complying with DOE requirements).

The contractor oversight system is founded on an integrated safety management system (ISMS), emulating DOE P 450.4A, Safety Management System Policy. SRM 226.1.1D describes processes comprising the contractor oversight system, which enables DOE to: (1) clearly communicate requirements and expectations to contractors; (2) assess the quality, effectiveness, and efficiency of contractor assurance systems and resulting work products in complying with contract requirements; (3) effect continuous improvement in contractors' operations; and (4) enhance the effectiveness of DOE-SR oversight of contractor performance.

The contractor oversight system provides DOE site management information needed to make informed decisions regarding both contractor and DOE performance and to determine whether program corrections are necessary. Communicating requirements and expectations to the contractor is an essential component in the contractor oversight system. Requirements and expectations are communicated through the Statement of Work, special clauses, contract modifications, and through technical direction by the CO or representative.

SRM 226.1.1D provides detailed requirements for standardized scheduling, planning, conducting, reporting, and follow-up and closure activities for Type 1, 2, and 3 Assessments. Assessments are designed to provide managers with meaningful, accurate, and current information on the status of program compliance, productivity, and quality. Use of standardized assessment methods is a key feature of DOE site performance assurance.

6. Performance Evaluation

The evaluation criteria of this plan are applicable at the contract level and not to individual projects or work objectives under the contract. As such, although this plan uses subjective evaluations to rate the contractor and determine the final amount of fee earned for overall contractor performance, objective measurements of contractor performance are included in the plan to support the FDO evaluation and articulate to the contractor what is expected to be achieved for program success during the evaluation period. The actual fee determination and the methodology for determining fee remain unilateral decisions made solely at the discretion of the Government, although the final fee determination is subject to the Disputes clause.

The contractor documents completion of incentives in the electronic Fee Invoicing System (FIS) and forwards documentation to the relevant DOE organization technical representative, who in turn will perform a verification of documentation to confirm output criterion has been met. This may also require an in-field validation. Validation of the work will be accepted, in accordance with the performance criteria, and documented in the DOE-SR STAR system and the FIS.

Upon verification, recommendation is forwarded through management to the Award-Fee Board. The Fee Board verifies documentation provided demonstrates satisfactory completion according to PID requirements through presentation by the AM/OD, including peer-level discussion. Fee recommendation to the FDO will be made according to the PID.
The contractor may perform self-assessment of their performance. The Fee Board will review any assessment provided by the contractor. If the Fee Board does not concur with the contractor’s self-evaluation and recommendation, all such disagreements shall be expressed in a performance evaluation letter to the contractor. The contractor shall submit written comments and any supporting documentation to the Fee Board within five (5) working days of receiving the evaluation letter. Within ten (10) working days of receiving any contractor comments or claims, the Fee Board shall provide the FDO a recommendation, including amount, rationale, and justification.

Disputes that occur during verification, and resolution is not forth coming between the contractor and the appropriate AM/OD, will be resolved by the Performance Fee Board during regularly scheduled meetings.

Evaluating Cost Control

Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of selected Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs, or estimate at completion costs, will be compared to costs planned for the current year.

7. Payment of Fee

Fee described herein is earned based upon the contractor’s performance of the overall contract level requirement during the evaluation period. The contractor begins the evaluation period with 0% of the available fee and earns fee during the evaluation period. The potential for the contractor to earn 100% of the fee amount is a mutual goal as it demonstrates the program’s objectives were clearly communicated and achievable.

The contractor requests provisional fee payment by submitting an invoice. Following verification by the relevant AM/OD a recommendation is forwarded to the Award-Fee Board and FDO. The FDO determines fee payment, following Award-Fee Board review and recommendation. Determination of fee earned is the unilateral decision of the FDO.

The contractor will be advised in writing of the amount and basis of the performance incentive fee determination. Performance incentive fee not earned during the performance period will not be allocated to future performance periods. However, fee may be allocated to new performance-based incentives as developed by the IPT, as long as the completion of the newly developed incentive does not extend beyond the evaluation period.

Fee is considered provisional throughout the performance period. The FDO unilaterally determines the total fee awarded to the contractor. Fee may be reduced per contract Section B.9, DEAR 970.5215-3 Conditional Payment of Fee, Profit, and Other Incentives – Facility Management Contracts (JAN 2004) ALTERNATE II [JAN 2004] [DEVIATION].

Contract clause H-33, PROVISIONAL PAYMENT OF INCENTIVE FEE, allows provisional payment of fee for partial completion of subjectively evaluated [subjective] incentives. The contractor may request up to 50% of the total fee available for each subjective incentive. If requests are monthly, the contractor must use a 1/12 divisor; if requests are quarterly, then 1/4 divisor; if semi-annual, then 1/2 divisor. Provisional fee is not considered earned fee, and is contingent upon a final fee determination by the FDO.

Total available fee amount earned payments are made by direct payment or withdrawn from funds advanced or available under the contract, as determined by the CO. The CO may offset against any such fee payment the amounts owed to the government by the contractor, including any amounts owed for disallowed costs under the contract. No base fee amount, or total available fee amount, payment may be withdrawn against the cleared payments financing arrangement without the prior written approval of the CO.

The contractor has developed an automated FIS that uses measurement data from each PIO. The contractor works with DOE to identify appropriate DOE approvers. The system assigns responsibility to each output so that the routing process ensures appropriate review by federal and contractor staff. Time limits are assigned to each step to
ensure smooth processing and timely approvals. The system notifies responsible approvers when the review / approval allotted time has been exceeded.

8. Government Furnished Services/Items (GFS/I)

GFS/I are factored into the final fee determination for this incentive contract. GFS/I are identified in the Basis of Estimates (BOE) found in WBS dictionaries for specific tasks. The purpose of the GFS/I are to identify inherent government responsibilities that may pose some level of risk to the contractor in completing incentives. GFS/I are the burden of the government, mutually accepted as part of the performance agreement. If the Government fails to achieve GFS/I equitable adjustment may be made specific to the incentive. These adjustments, however, cannot exceed the maximum available fee for the specific incentive.

9. Reporting Requirements

Contracting Officers and program officials shall consistently and accurately document real-time contractor performance and ensure that it is recorded both in detail in the contract files and in the appropriate format in Contractor Performance Assessment Reporting System (CPARs).

The contract requires each report must be accompanied by a letter or other document which:

- Identifies the contract number under which the item is being delivered; and
- Identifies the contract requirement or other instruction which requires the delivered item(s).

The contractor is responsible for maintaining all records and controlled documents related to the PEMP per DOE O 200.1A, Information Management Program, and DOE Order 243.1, Records Management Program.
INTEGRATED PROJECT TEAM (IPT) CHARTER

IPT NAME: PEMP Integrated Project Team (IPT)

LEVEL OF IPT: Savannah River Operations Office, Deputy Manager

IPT MISSION/OBJECTIVES

The IPT provides site senior federal management a process for evaluating and measuring performance tied to strategic goals. This charter defines roles, responsibilities, authorities and accountabilities for this process. The mission of the IPT is to enable performance and help avoid potential barriers to success.

The Deputy Manager is the DOE-SR Executive Sponsor of the IPT and Fee Board Lead. The IPT is comprised of federal and contractor employees. Federal members include the CO, Performance Incentive Managers, Technical Leads, NNSA SRRO Manager and NNSA NA-262. Contractor members include Management and Operations (M&O) Vice President for Business Services, SRNS Director of Contracts, and Technical Leads. The IPT is augmented as necessary with Subject Matter Experts and matrix support personnel (both federal and contractor) who possess specific competencies, skills and expertise required for successful execution of projects.

The CO has authority to make final decisions on all performance objectives and incentives (including associated measures and targets) used to evaluate Contractor performance, in accordance with the Contract, Section H-28(b).

The DOE-SR Site Manager is an ex officio member of the IPT. The Site Manager is the FDO.

SCOPE OF IPT RESPONSIBILITIES

IPT Executive Sponsor/ Fee Board Lead

The IPT Executive Sponsor also serves as the senior federal member of the Fee Board. The IPT Executive Sponsor is the federal official responsible for project success. In accordance with DOE O 413.3B, the IPT Executive Sponsor is responsible for the following:

- Charter and lead the IPT
- Schedule and hold IPT meetings
- Request support from DOE functional resources as required to resolve issues
- Lead Fee Board assessment and discussion of contractor performance
- Identify and resolve critical issues

IPT Members

IPT members are responsible for supporting the Executive Sponsor with technical and project management responsibilities during project execution. Members conduct and/or coordinate activities for their respective organizational element or functional area of responsibility. IPT members are responsible for the following:

- Ensure interfaces are identified, defined, and documented
- Review and assess performance and project status against parameters, baselines, milestones, and deliverables
- Support the IPT Executive Sponsor
- Review and comment on deliverables

The names of IPT members listed below are current as of the issue date of this charter. Names or functional responsibilities may change at the discretion of the IPT Executive Sponsor without having to modify or update this charter. The Table identifies IPT members, Fee Board members, and Technical Leads.

Award-Fee Board Organization
The Fee Board is a subset of the IPT. The Fee Board is comprised of federal IPT members. Fee Board members discuss proposed revisions to PID and incentive documentation, review supporting documentation for fee payment determination, and make recommendations to the FDO via the Fee Board Lead.

The Fee Board is responsible for assuring quality assessments have been completed for fee-bearing work, and that the assessment has been formally documented per site directives before recommending payment of fee to the FDO.

**Fee Board Rules of Conduct**

**Call to Order:**
The IPT Executive Sponsor, acting as Fee Board Lead, will call the Fee Board portion of the meeting to order following dismissal of all non-federal IPT members.

**Fee Board presentation:**
The Fee Board Lead will open the floor for federal staff to discuss IPT presentations regarding matters such as proposed revisions to PID, supporting documentation for fee payments, or general discussion of performance. The Performance Incentive Manager leads the presentation related to his/her PID. Other Fee Board members may discuss the presentation and make recommendations to the Performance Incentive Manager.

**Fee Board determinations:**
Following Fee Board presentations, or if there are none, the Fee Board Lead will lead an informal review and discussion of completed fee-bearing work that is being considered for invoicing, including supporting documentation for fee payment determination. Performance Incentive Managers, or their designee, are responsible for discussing completion documentation and evaluation of performance of the fee-bearing work.

Following discussion, Fee Board members make a motion to:

- Accept the recommendation of the Performance Incentive Manager for the incentive as described in the invoice;
- Accept the recommendation of the Performance Incentive Manager, but request additional documentation be added to document satisfactory completion of the incentive as described in the invoice;
- Require additional documentation in order to recommend a determination.
- Require federal manager attend next scheduled Fee Board to discuss adequate documentation in order to recommend a determination.

Fee Board members may support, or second, the motion and provide discussion. No quorum is required for the Fee Board meeting. The Fee Board Lead, observing no objections, shall accept the motion with Manager NNSA SRSO, or designee, concurrence.

<table>
<thead>
<tr>
<th>NAME</th>
<th>FUNCTION</th>
<th>ORGANIZATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOODY, Dave</td>
<td>IPT Member [ex officio]</td>
<td>DOE-SR Site Manager</td>
</tr>
<tr>
<td></td>
<td>DOE Fee Determining Official [FDO]</td>
<td></td>
</tr>
<tr>
<td>SPEARS, Terrel</td>
<td>IPT Executive Sponsor/Co-Fee Board Lead</td>
<td>DOE-SR Deputy Manager</td>
</tr>
<tr>
<td>HINTZE, Doug</td>
<td>IPT/Co-Fee Board Lead/Performance Incentive Manager</td>
<td>Assistant Manager for Mission Support (AMMS)</td>
</tr>
<tr>
<td>MCGUIRE, Pat</td>
<td>IPT/ Performance Incentive Manager</td>
<td>Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)</td>
</tr>
<tr>
<td>Name</td>
<td>Position</td>
<td>Title</td>
</tr>
<tr>
<td>---------------------</td>
<td>-----------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>FOLK, Jim</td>
<td>IPT /Performance Incentive Manager</td>
<td>Assistant Manager for Waste Disposition Project (AMWDP)</td>
</tr>
<tr>
<td>ADAMS, Angelia</td>
<td>IPT/ Performance Incentive Manager</td>
<td>Assistant Manager for Infrastructure &amp; Environmental Stewardship (AMI&amp;ES)(acting)</td>
</tr>
<tr>
<td>MCGUIRE, Pat</td>
<td>IPT/ Performance Incentive Manager</td>
<td>Director, Office of Laboratory Oversight (OLO)</td>
</tr>
<tr>
<td>DEAROLPH, Douglas</td>
<td>IPT/ Fee Board Member/Performance Incentive Manager</td>
<td>Manager NNSA SRSO</td>
</tr>
<tr>
<td>ALLISON, Jeff</td>
<td>IPT/ Performance Incentive Manager</td>
<td>Manager NNSA NA-262</td>
</tr>
<tr>
<td>LOVETT, James</td>
<td>IPT Member [ex officio] Fee Board Member</td>
<td>Contracting Officer M&amp;O Contract</td>
</tr>
<tr>
<td>DAVIS, Peggy</td>
<td>IPT Member</td>
<td>Sr. Vice President SRNS Support Services</td>
</tr>
<tr>
<td>TEMPLE, John</td>
<td>IPT Member</td>
<td>Sr. Vice President SRNS Contracts Management</td>
</tr>
<tr>
<td>CHRISTIAN, John</td>
<td>DOE IPT Technical Lead</td>
<td>Program Analyst for Mission Planning Division</td>
</tr>
<tr>
<td>GREGORY, Johnna</td>
<td>SRNS IPT Technical Lead</td>
<td>SRNS Contracts Management</td>
</tr>
</tbody>
</table>
Attachment B, Fee Allocation Model

Funding Assumptions for Fee Allocation

Funding for fiscal year 2015 represents targets SRNS will use in the FY14-18 Baseline Update, with DOE-SR concurrence. These funding targets reflect a “reasonable” program that is regulatory compliant. Any changes to these funding targets will require analyses to determine impacts at the Contract Output level.

Fee Allocation (based on current funding assumptions)

Funding comes from EM Project Baseline Summaries (PBS) and NNSA funds. Funds are divided into two categories: contract scope cost that is directly funded (direct) and contract scope cost for support activities funded indirectly by placing a tax on individual funds. See table below for FY15 estimated funding:

<table>
<thead>
<tr>
<th>President's Budget</th>
<th>Funding Source:</th>
</tr>
</thead>
<tbody>
<tr>
<td>$247,248,000</td>
<td>PBS 11C</td>
</tr>
<tr>
<td>41,010,000</td>
<td>PBS 12</td>
</tr>
<tr>
<td>37,346,000</td>
<td>PBS 13</td>
</tr>
<tr>
<td>62,106,000</td>
<td>PBS 30</td>
</tr>
<tr>
<td>25,207,000</td>
<td>PBS 20 (EM Safeguards &amp; Security)</td>
</tr>
<tr>
<td>$412,917,000</td>
<td>Total EM Funding</td>
</tr>
<tr>
<td>80,794,000</td>
<td>Nuclear Nonproliferation Funding</td>
</tr>
<tr>
<td>199,500,000</td>
<td>Defense Programs Funding (Includes NNSA Safeguards &amp; Security)</td>
</tr>
<tr>
<td>$693,211,000</td>
<td>Total Projected Funding without Minors and WFO</td>
</tr>
<tr>
<td></td>
<td>[NOTE: This does not include ESS/Legacy pension support to SRR (PBS 14C)]</td>
</tr>
</tbody>
</table>

TABLE 1

The M&O contract identifies $45,730,000 available fee for the contract period (October 2014 through September 2015). When the fee is subtracted from the Total Projected Funding, the fee base in entire fiscal year 2015 becomes $647,481,000.

For fiscal year 2015, EM provides 60 percent of the Total Projected Funding, while NNSA provides 40 percent. This percentage is used to allocate the contract fee between EM and NNSA. For fiscal year 2015, EM will manage $27M of fee applied to incentive work for the evaluation period. NNSA will manage $18M of fee applied to incentive work for the evaluation period.

Performance Incentive Documents in Attachment C (EM) and Attachment D (NNSA) were developed based on the current President’s budget for fiscal year 2015, adjusted by DOE-SR. Work described is based on the current contract. Actual performance of contract outputs may be revised based on an approved fiscal year budget, continuing resolution, program execution guidance, and/or available funding. All work is performed within existing financial agreements and authorization.
EM Fee is distributed based on the projected funding as indicated below:

<table>
<thead>
<tr>
<th>PBS</th>
<th>President's Budget</th>
<th>Fee Distribution</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBS 11C</td>
<td>$247,248,000.00</td>
<td>$16,310,271.00</td>
<td>7%</td>
</tr>
<tr>
<td>PBS 12</td>
<td>$41,010,000.00</td>
<td>$2,705,317.00</td>
<td>7%</td>
</tr>
<tr>
<td>PBS 13</td>
<td>$37,346,000.00</td>
<td>$2,463,613.00</td>
<td>7%</td>
</tr>
<tr>
<td>PBS 30</td>
<td>$62,106,000.00</td>
<td>$4,096,962.00</td>
<td>7%</td>
</tr>
<tr>
<td>PBS 20</td>
<td>$25,207,000.00</td>
<td>$1,662,837.00</td>
<td>7%</td>
</tr>
</tbody>
</table>

The following table depicts the DOE-SR EM incentives summary by program for the fiscal year 2015 performance period:

<table>
<thead>
<tr>
<th>PBS</th>
<th>DOE Program</th>
<th>SRNS Activity</th>
<th>Direct</th>
<th>Indirect</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBS 11C + 12</td>
<td>Nuclear Material Stabilization</td>
<td>Env Mgmt Ops (EMO)</td>
<td>$8,000,000.00</td>
<td>$11,015,588.00</td>
<td>$19,015,588.00</td>
</tr>
<tr>
<td>PBS 13</td>
<td>Solid Waste Disposition</td>
<td>Solid Waste (SW)</td>
<td>$1,850,000.00</td>
<td>$613,613.00</td>
<td>$2,463,613.00</td>
</tr>
<tr>
<td>PBS 30</td>
<td>Env Stewardship</td>
<td>Area Completion Project</td>
<td>$3,200,000.00</td>
<td>$896,962.00</td>
<td>$4,096,962.00</td>
</tr>
<tr>
<td>PBS 20</td>
<td>OSSES</td>
<td>EM S&amp;S</td>
<td>$1,662,837.00</td>
<td>$1,662,837.00</td>
<td>$3,325,674.00</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>$13,050,000.00</td>
<td>$14,189,000.00</td>
<td>$27,239,000.00</td>
</tr>
</tbody>
</table>

The following table depicts the DOE-SR EM Indirect incentives summary for the fiscal year 2015 performance period:

<table>
<thead>
<tr>
<th>Indirect</th>
<th>Objective</th>
<th>Subjective</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landlord Services</td>
<td>$4,550,000.00</td>
<td>$</td>
<td>$4,550,000.00</td>
</tr>
<tr>
<td>SRNL</td>
<td>$4,250,000.00</td>
<td>$</td>
<td>$4,250,000.00</td>
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<tr>
<td>Management</td>
<td>$</td>
<td>$5,389,000.00</td>
<td>$5,389,000.00</td>
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<tr>
<td>Total</td>
<td>$8,800,000.00</td>
<td>$5,389,000.00</td>
<td>$14,189,000.00</td>
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Table 4
Performance Incentive Document

<table>
<thead>
<tr>
<th>PID Number:</th>
<th>SRNS2015EMO</th>
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</thead>
<tbody>
<tr>
<td>Activity Name:</td>
<td>Environmental Management Operations</td>
</tr>
<tr>
<td>WBS Number:</td>
<td>1.29.20.04, 1.29.20.05</td>
</tr>
<tr>
<td>Performance Period:</td>
<td>October 1, 2014 - September 30, 2015</td>
</tr>
<tr>
<td>Allocated Fee:</td>
<td>$8,000,000.00</td>
</tr>
<tr>
<td>Revision Number:</td>
<td>0</td>
</tr>
</tbody>
</table>
| Senior level manager/Performance Incentive Manager: | Pat McGuire
Assistant Manager for Nuclear Material Stabilization Project (AMNMSP) |
| Senior technical advisor: | Allen Gunter |

**Contract Performance Outcome:**

Receive, store, ship, and disposition nuclear materials in a safe, and secure manner. Operate and maintain the H Canyon Complex to support disposition of nuclear materials. Receive Foreign Research Reactor (FRR) and Domestic Research Reactor (DRR) used nuclear fuel (UNF) in L Basin in coordination with the NNSA Nuclear Nonproliferation Program and other applicable DOE programs. Expand KAC capacity with construction of the Final Storage Vault and expand capabilities with implementation of planning activities for WIPP blending while maintaining DOE-STD-3013 DE surveillances. Implement risk reduction actions at 235-F and reduce F-Area costs.

**Contract Output SRNS2015EMO-01: (Cost Control)**

Receive, characterize, and disposition materials in H-Area.

**Description/Background/Justification:**

Activities associated with the contract outputs support receipt and disposition of vulnerable used nuclear fuels (UNF), FRR/DRR and down-blending of oxides for shipment to WIPP to support DOE Strategic Objectives. These objectives include: maximizing risk reduction of surplus nuclear materials, supporting nuclear nonproliferation, and utilizing DOE-SR facilities to disposition surplus nuclear materials.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1F, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $3,425,000 of the allocated fee will be paid for this Contract Output.
<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM</td>
<td>9/30/15</td>
<td>$200,000</td>
<td>Ship 1 LEU trailer to Areva to meet TVA contract requirements.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will validate the LEU shipment via the MC&A Form 741 transfer documentation for the LEU shipment(s).

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM</td>
<td>a) 12/31/14</td>
<td>$500,000</td>
<td>a) Dissolve 2 batches of MTR fuel in 6.4D.</td>
</tr>
<tr>
<td></td>
<td>b) 3/31/15</td>
<td>$200,000</td>
<td>b) Complete Head End RA and declare readiness for MTR fuel.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will review H Canyon a) procedures or engineering memo documenting completion of charging and dissolution and b) H-Canyon Readiness Assessment documentation.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM</td>
<td>6/30/15</td>
<td>$250,000</td>
<td>Complete 11 and 2nd Cycle RAs and declare readiness for MTR fuel.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will review H Canyon Readiness Assessment documentation.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM</td>
<td>3/31/15</td>
<td>$250,000</td>
<td>Perform Sub Run to address equipment operability and maintain operator proficiency.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$125,000</td>
<td></td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will review the Liquid Waste Minimization actions by procedure or document review a) Review Waste Min. actions; b) Walk down and/or review construction work packages or Ops turnover checklist.

**NOTE:** The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does...
not rely solely on schedule performance indices or cost performance indices as the measurement for fee
determination decisions. Cost control performance will be measured in accordance with the Memorandum from
the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR
acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing
cost control, actual costs will be compared to costs planned for the current year. A comparison must also be
done between estimated costs for the evaluation period and estimated cost at completion for the evaluation
period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-1.08</td>
<td>4/30/15</td>
<td>$150,000</td>
<td>Submit SRNS approved DSA for liquid HEU and annual update</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will review the SRNS approved DSA/TSR supporting liquid HEU (prepared in accordance with 10 CFR 830).

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-1.09</td>
<td>9/30/15</td>
<td>$300,000</td>
<td>Complete Hot Side PVV filter flush including procedure development for performing the flush, establishing piping routes, discard of the filter flush solution to LW and completion of the Unreviewed Safety Question Evaluation (USQE).</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will review the SRNS completed procedures and USQE documentation (prepared in accordance with 10 CFR Part 830 and DOE G 424.1-1).

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
</table>
| SRNS2015 EMO-1.10 | a) 6/30/15 | a) $175,000 | a) Submit approved HEU Liquids CD-2  
|          | b) 9/30/15 | b) $200,000 | b) Relocate both the Container Retrieval System and the Container Unloading Station apparatus to H Area. |

Acceptance Criteria

DOE-SR will a) verify that all designs completed and a Title II estimate is completed, and b) verify by work package or visual inspection that both systems have been relocated and that the planned equipment mockup and cold testing by SRNL has been completed.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-1.11</td>
<td>3/31/15</td>
<td>$100,000</td>
<td>Install bundle storage in the Canyon, qualify operators with dummy bundles, and place into service.</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will observe bundle storage installed in the Canyon or observe select operators storing a dummy bundle or review the Crane operators training evaluation form.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-1.12</td>
<td>9/30/15</td>
<td>$100,000</td>
<td>Replace Railroad Roll-up Door at exterior of airlock.</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will observe that the Railroad Roll-up door has been replaced or view completed construction work package.

Contract Output SRNS2015EM0-02:

Receive, store, characterize and disposition surplus plutonium and uranium materials in K Area.

Description/Background/Justification:

K Area will continue to perform surveillance of the DOE-STD-3013 containers in storage. K Area will continue to receive and store containers of surplus plutonium and uranium from off-site. K Area facilities will initiate the planning to allow disposition of surplus plutonium oxide for future transfer to WIPP. K Area Final
Storage Vault RA, implementation of the DSA and project close out will be performed.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $1,475,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-2.01</td>
<td>9/30/15</td>
<td>$500,000; $125,000 paid quarterly.</td>
<td>Prepare, receive, and store shipped containers of surplus plutonium and uranium in K Area in accordance with a schedule maintained by DOE-SR and issued by DOE-SR shortly before the shipment.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will review SOP-PHS-001-K to verify receipts to KAC or review operator and FLMs MSA qualifications to verify facility is ready to receive.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-2.02</td>
<td>9/30/15</td>
<td>$225,000; $25,000 per can, invoiced quarterly.</td>
<td>Complete 9 Destructive Evaluation (DE) Surveillances on DOE-STD-3013 Storage Containers.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will review K-Area Interim Surveillance Log Sheet (FRM-CSS-002-K or equivalent) and the Surveillance Program Authority (SPA) Data Set 1 parameters for the DE sample.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-2.03</td>
<td>a) 11/30/14, b) 9/30/15</td>
<td>$450,000; a)$200,000, b)$250,000</td>
<td>K-Area will a) Complete CD-4 for Final Storage Vault and submit to DOE, and b) Establish a Pu disposition line and complete all tasks through Readiness Declaration.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will review the a) Readiness Declaration report and closed “A” corrections (characterization & TRUPACT loading may be performed in another area) and b) completed CD#4 for Final Storage Vault.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-2.04</td>
<td>9/30/15</td>
<td>$200,000; $10,000 per can</td>
<td>K Area will perform Pu Non-Destructive Evaluation (NDE) measurements on 20 different cans.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will review the non-destructive analysis measurement form for completeness.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-2.05</td>
<td>9/30/15</td>
<td>$100,000</td>
<td>Support IAEA Inventory Inspections upon request in accordance with a schedule provided by external sources. Inspections will be completed using approved guidelines and procedures.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will validate that KAC personnel provided adequate preparation and support during the IAEA Inventory inspections.

**Contract Output SRNS2015EMO-03: (Cost Control)**
Reduce risks at 235-F and improve F-Area infrastructure.

Description/Background/Justification:

This contract output supports innovative and cost effective means to implement the 235-F risk reduction Implementation Plan actions while reducing costs to the F-Area baseline.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $1,100,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria: (Cost Control)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-3.01</td>
<td>9/30/15</td>
<td>$500,000</td>
<td>Complete activities to reduce F Area S &amp; M in accordance with a DOE-SR approved S &amp; M reduction plan; (Cost Control).</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will review the F-Area S&M reduction items for completeness in accordance with a DOE-SR approved S & M reduction plan.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

<table>
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<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-3.02</td>
<td>9/30/15</td>
<td>$600,000: $150,000 paid at completion of each action item as noted.</td>
<td>SRNS will complete the following 235-F Risk Reduction Actions and provide to DOE for review. 1) Complete Contractor RA for Deactivation Basis for Interim Operation (DBIO) implementation by 1/30/15. 2) Complete cell restoration activities (window cleaning, glove installation, lighting restoration) by 6/30/15. 3) Begin field repair or replacement of first manipulator by 9/30/15. 4) Complete enhanced characterization of cells 6-9 by 9/30/15.</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will review the SRNS approved and completed 235-F IP actions.

Contract Output SRNS2015EMO-04:

Receive, unload, and store Used Nuclear Fuel (UNF) in L Area.

Description/Background/Justification:

L-Area will continue to provide receipt and unloading support for off-site fuel, loading/shipping of UNF to H Canyon to disposition the UNF, and Augmented Monitoring and Condition Assessment Program (AMCAP) support to maintain the facilities in a safe and operable condition.
NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $2,000,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-4.01</td>
<td>9/30/15</td>
<td>$500,000: $125,000 paid quarterly</td>
<td>Receive and unload FRR/DRR fuel per schedule.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will review Cask Data Sheets for casks received and unloaded against the Receipt and Unloading Schedule Agreement. During quarters that fuel is not received, documentation will be provided for review showing readiness to receive was maintained.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-4.02</td>
<td>9/30/15</td>
<td>$250,000</td>
<td>Galvanic Corrosion – Complete galvanic isolation of at least one bucket.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will validate that galvanic isolation field work was completed on at least one bucket in support of the AMCAP program by review of completed work packages and with walk-throughs.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-4.03</td>
<td>9/30/15</td>
<td>$500,000</td>
<td>Perform continued material characterization tests (compression, microstructure, pH, chemical, microscopic) on designated concrete samples from C Basin and review preliminary results with AMCAP Independent Review Committee (IRC).</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will validate that the AMCAP IRC has reviewed the preliminary test results produced by the AMCAP Team.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-4.04</td>
<td>9/30/15</td>
<td>$250,000</td>
<td>SRNS to continue housekeeping efforts in L Basin.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will validate that the items have been removed from the Basin/Facility by visual examination.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015EM O-4.05</td>
<td>9/30/15</td>
<td>$500,000</td>
<td>Complete readiness to receive NRU/NRX in accordance with the readiness assessment plan.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will validate that the L-Area NRU Readiness to receive fuel has been completed.
## Performance Incentive Document

<table>
<thead>
<tr>
<th>PID Number</th>
<th>SRNS2015SW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity Name</td>
<td>Solid Waste</td>
</tr>
<tr>
<td>WBS Number</td>
<td>1.29.32.25</td>
</tr>
<tr>
<td>Performance Period</td>
<td>October 1, 2014 – September 30, 2015</td>
</tr>
<tr>
<td>Allocated Fee</td>
<td>$1,850,000</td>
</tr>
<tr>
<td>Revision Number</td>
<td>0</td>
</tr>
</tbody>
</table>
| Senior level manager/Performance Incentive Manager | Jim Folk  
Acting Assistant Manager for Waste Disposition (AMWD) |
| Senior level supervisor/division manager: | Jean Ridley |

### Contract Performance Outcome:

The Contractor shall manage the Solid Waste Program to safely and effectively prevent and/or minimize the generation of solid waste to include hazardous, low level, transuranic, mixed, and municipal sanitary wastes. The Contractor shall ensure that the handling, treatment, storage, transportation and disposal of the remaining "legacy" and the newly generated solid waste is environmentally sound and in compliance with DOE Directives, and applicable regulations and requirements.

The Contractor shall manage and integrate site-wide solid waste recycling, treatment, storage, disposal and transportation activities and implement waste minimization/pollution prevention initiatives. The Contractor shall also provide on-site/off-site waste generators with technical support and verification of compliance with waste acceptance criteria, including Safety Basis and Performance Assessment objectives.

### Contract Output: SRNS2015SW-01

There are two areas of primary focus taken from the Contract Performance Outcome: 1) ensure the transportation, handling, storage, and disposal of low level waste is environmentally sound, cost effective, and in compliance with DOE Directives, applicable regulations, and requirements; and 2) continued cleanup of the site associated with legacy activities.

### Description/Background/Justification:

Timely disposal of LLW will facilitate waste generators' normal operations, prevent potential spread of contamination, ensure regulatory compliance, reduce the need for waste storage space, maximize labor resource utilization and reduce the overall cost of DOE-SR waste management. DOE Order 435.1 drives the timely disposal of wastes generated at DOE sites.
NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $1,850,000 of the allocated fee will be paid for this Contract Output.

<table>
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<tr>
<th>Number</th>
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<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>9/30/15</td>
<td>$900,000: $225,000 per quarter</td>
<td>LLW will be disposed in a timely manner such that in-storage time will be &lt; 3 months in duration.</td>
</tr>
<tr>
<td>SW-1.01</td>
<td></td>
<td></td>
<td><strong>Acceptance Criteria</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DOE will perform validation by reviewing, on a quarterly basis, the time in storage for the LLW not permanently disposed.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>6/30/15</td>
<td>$100,000</td>
<td>Submit 5 year revision to the 2000 RCRA Part B Permit Renewal Application (U), Volume XIII, Book 1 of 1, TRU Pads 3-6, 14-19, and 26 Facility to SC-DHEC. The Revision will include changes to the TRU Closure Plan in support of less restrictive language (potential contamination) and allow individual pad partial closure (Pad 16).</td>
</tr>
<tr>
<td>SW-1.02</td>
<td></td>
<td></td>
<td><strong>Acceptance Criteria</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DOE will review and approve revision submittal to SC-DHEC.</td>
</tr>
</tbody>
</table>

<table>
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<tr>
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<th>Date</th>
<th>Fee</th>
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</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>9/30/15</td>
<td>$150,000</td>
<td>Complete implementation of DSA revision to implement changes in MELCOR Accident Consequence Code System (MACCS) assessment.</td>
</tr>
<tr>
<td>SW-1.03</td>
<td></td>
<td></td>
<td><strong>Acceptance Criteria</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DOE will perform independent validation of implementation.</td>
</tr>
</tbody>
</table>

<table>
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<tr>
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<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>9/30/15</td>
<td>$400,000</td>
<td>Complete construction as described in the Interim Measures Plan (document number will be added when available) for TRU Pad 16.</td>
</tr>
<tr>
<td>SW-1.04</td>
<td></td>
<td></td>
<td><strong>Acceptance Criteria</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DOE will perform independent validation of implementation.</td>
</tr>
</tbody>
</table>

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</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>9/30/15</td>
<td>$250,000</td>
<td>Dispose of 100 legacy contaminated TRU storage culverts as LLW, backfill with soil cover, and grade to direct rain water away from buried waste.</td>
</tr>
<tr>
<td>SW-1.05</td>
<td></td>
<td></td>
<td><strong>Acceptance Criteria</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DOE will review disposal documents.</td>
</tr>
</tbody>
</table>

<table>
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<tr>
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<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>9/30/15</td>
<td>$50,000</td>
<td>The overall objective is to reach a 50% recycling rate of routine waste through the North Augusta Material Recovery Facility (NAMRF) by the end of FY15.</td>
</tr>
<tr>
<td>SW-1.06</td>
<td></td>
<td></td>
<td><strong>Acceptance Criteria</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DOE will verify that the 766-H and 704-S cafeteria waste will be segregated and sent directly to Three Rivers Landfill. The contractor will also provide evidence of partnering with the NAMRF.</td>
</tr>
</tbody>
</table>
Performance Incentive Document

<table>
<thead>
<tr>
<th>PID Number:</th>
<th>SRNS2015ACP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity Name:</td>
<td>Area Completion Project</td>
</tr>
<tr>
<td>WBS Number:</td>
<td>1.29.32.01, 1.29.32.02, 1.29.32.03, 1.29.32.04, 1.29.32.05, 1.29.32.06</td>
</tr>
<tr>
<td>Performance Period:</td>
<td>October 1, 2014 - September 30, 2015</td>
</tr>
<tr>
<td>Allocated Fee:</td>
<td>$3,200,000</td>
</tr>
<tr>
<td>Revision Number:</td>
<td>0</td>
</tr>
<tr>
<td>Senior level manager/Performance Incentive Manager:</td>
<td>Angelia Adams</td>
</tr>
<tr>
<td>Assistant Manager for Infrastructure &amp; Environmental Stewardship (AMI&amp;ES)</td>
<td></td>
</tr>
<tr>
<td>Senior level supervisor/division manager:</td>
<td>Angelia Adams</td>
</tr>
</tbody>
</table>

Contract Performance Outcome:

Meet all regulatory commitments, develop and implement alternative long range strategies, technologies and approaches in the refinement of the Area Completion Strategy and long-term stewardship.

Contract Output SRNS2015ACP-01:

Meet all FFA milestones, RCRA Permit and CERCLA Record of Decision (ROD/Interim ROD) commitments due between October 1, 2014, and September 30, 2015, as described in the Federal Facility Agreement for the DOE-SR (Administrative Document # 89-05-FF) and the DOE-SR RCRA Part A & B Permits (SC 1890 008 089) to meet the Area Completion Strategy.

Description/Background/Justification:

Full compliance with all Area Completion Project FFA milestones, RCRA Permit and CERCLA Record of Decision (ROD/Interim ROD) commitments will allow DOE-SR to meet regulatory requirements that will meet the Area Completion Strategy to clean up the DOE-SR’s Savannah River Site and reduce the footprint. Establishing regulatory commitments and milestones is the most direct way for the regulators and stakeholders to measure the progress of DOE EM cleanup activities at DOE-SR’s Savannah River Site. The regulatory and stakeholder support of the DOE-SR depends on continued full regulatory compliance and achievement of commitments and milestones.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $2,500,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>3/31/15</td>
<td>$1,250,000</td>
<td>All RCRA Permit commitments and FFA milestones are</td>
</tr>
</tbody>
</table>
ACP-1.01 achieved from October 1, 2014, through March 31, 2015.

**Acceptance Criteria**

All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates ensuring DOE-SR goals to maintain regulatory compliance in accordance with the RCRA Permit Renewal (SC1 890 008 989) and the Federal Facility Agreement for the DOE-SR (Administrative Docket No. 89-05-FF), and meet all FFA milestones and RCRA Permit commitments avoiding potential fines and civil or criminal penalties are met. Documentation is provided demonstrating that milestone/submittal dates and goals were met which will be verified by a DOE ACP review of Document Status information and/or the Administrative Record File. DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>9/30/15</td>
<td>$1,250,000</td>
<td>All RCRA Permit commitments and FFA milestones are achieved from April 1, 2015, through September 30, 2015.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates ensuring DOE-SR goals to maintain regulatory compliance in accordance with the RCRA Permit Renewal (SC1 890 008 989) and the Federal Facility Agreement for the DOE-SR (Administrative Docket No. 89-05-FF), and meet all FFA milestones and RCRA Permit commitments avoiding potential fines and civil or criminal penalties are met. Documentation is provided demonstrating that milestone/submittal dates and goals were met which will be verified by a DOE ACP review of Document Status information and/or the Administrative Record File. DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

**Contract Output: SRNS2015ACP-02: (Cost Control)**

Prepare a Laboratory Cost Benefit Analysis for use in the decision making process.

**Description/Background/Justification:**

The DOE-SR Savannah River Site requires analysis of thousands of samples each year in support of the Environmental Monitoring and site cleanup activities. Over the past years, the capacity and turnaround time of offsite laboratories, as well as the reliability of the shipping industry, have improved to the point that offsite laboratories may be the most cost-effective option for analyzing DOE-SR samples. This approach has been implemented successfully at other DOE cleanup sites.

The cost effectiveness of the current analytical utilization of onsite laboratories versus utilization of offsite laboratories for all of EC & ACP samples will be evaluated.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1.E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $100,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>9/30/15</td>
<td>$100,000</td>
<td>Prepare and provide to DOE the Laboratory best value Cost Study evaluation for environmental and remediation samples performed onsite in the Environmental Bioassay Laboratory versus sending the samples to an offsite contract laboratory; (Cost Control).</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

EC & ACP will conduct a best value study for analytical data determination for environmental and remediation samples performed onsite in the Environmental Bioassay Laboratory versus sending the samples to an offsite contract laboratory. This information will be documented and will be submitted to DOE-SR. DOE-SR will validate acceptance of the incentive based on receipt of the document.
NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS2015ACP-03: (Cost Control)**

Complete the Mixed Waste Management Facility (MWMF) drainage enhancements.

**Description/Background/Justification:**

DOE-SR is required to maintain facilities in accordance with the requirements of the Resource Conservation and Recovery Act (RCRA) Permit, Section 1.2.3.2, Runoff Maintenance Activities.

Storm water run-off from the Mixed Waste Management Facility (MWMF) cap is discharged into a network of concrete channels prior to entering the sedimentation basins. Over the years of operation, sediments have accumulated at the inlet of some of the weep holes (1 inch diameter subsurface pipes located below the vegetation layer and above the clay liner penetrating through concrete channel sidewall.) The function of these weep holes is to drain the build-up of subsurface water located above the clay liner and behind the concrete channel walls into the concrete channels. As a result of the blockage within the weep holes, water build-up behind and beneath the concrete channels are damaging the concrete channels. To enhance the subsurface drainage system and resolve this maintenance item, the DOE-SR will be replacing these weep holes with a Multi-Flow drainage system (French Drainage) to increase the drain capacity behind the concrete channels and minimize the clogging. The new system will be installed behind the channel side walls below the existing grade, above the clay liner (clean area), with an installation of an outlet pipe placed through the concrete channel side wall into the channel at several locations. The system will allow water accumulation behind the channel to flow freely into the channel and subsequently to the sedimentation basins.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $300,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015ACP-P-3.01</td>
<td>9/30/15</td>
<td>$300,000</td>
<td>Complete the Mixed Waste Management Facility (MWMF) drainage enhancements; (Cost Control).</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will validate the completion of this scope through a facility walk down and a signed Final Acceptance Inspection form (FAI-51), verifying scope completion.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.
**Contract Output SRNS2015ACP-04:**

Perform silver chloride injection at the F-Area Seepage Basin.

**Description/Background/Justification:**

The groundwater plume emanating from beneath the F-Area seepage basins is relatively acidic and contains low levels of both chemical and radiological contaminants. The low pH groundwater solubilizes minerals/metals including aluminum and uranium from the subsurface and enhances contaminant mobility by keeping them in a dissolved phase. Groundwater barriers have been installed per the latest corrective action plan to reduce the mobility of the contaminants. The barriers form a funnel and gate system that along with operation of the base injection system comprises the current corrective action. The basic solutions that are injected into the gates consist of a mixture of sodium hydroxide (NaOH) and sodium bicarbonate (NaHCO₃), and have proven to be effective in the precipitation of metals from the acidic groundwater. This precipitation process has improved the water quality at the seep line and in Fourmile Branch.

Iodine-129 (I-129) is also present in the groundwater and Fourmile Branch. I-129 concentrations in the groundwater are not affected by the injection of base. The DOE-SR has developed an innovative in-situ treatment for I-129 using silver chloride (AgCl). The AgCl amendment has a very small particle size and is designed to be injected into the contaminated aquifer to capture I-129. When I-129 comes in contact with AgCl it forms silver iodide (AgI), which is very stable and essentially insoluble in water. Successful treatment of the Iodine-129 will ensure DOE-SR compliance with the goals established in the RCRA Part B Permit.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.12, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $100,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015ACP</td>
<td>9/30/15</td>
<td>$100,000</td>
<td>Complete silver chloride injection campaign at the F-Area Seepage Basin central gate.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

EC & ACP will complete and document the injection process. The results are needed to support future RCRA permit commitments.

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

**Contract Output SRNS2015ACP-05:**

Support DOE approval of the D-Area Ash Basins and Landfill Closure Project Critical Decision (CD) 2/3, Approve Performance Baseline/Approve Start of Construction.

**Description/Background/Justification:**

The DOE-SR Savannah River Site Cleanup was initiated in the early 1980's. Remediation of waste units and groundwater began in 1987 with the issuance of the DOE-SR Resource Conservation and Recovery Act (RCRA) permit. In 1989, DOE-SR was placed on the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) National Priorities List (NPL) of sites targeted for assessment and potential restoration. In 1993, the Department of Energy (DOE) Savannah River Operations (SR), the Environmental Protection Agency (EPA), and the South Carolina Department of Health and Environmental Control (SCDHEC) entered into a legally enforceable Federal Facilities Agreement for the DOE-SR (WSRC 1993) (FFA) to ensure DOE-SR cleanup satisfies regulatory requirements.
After 59 years of operation, the D Area Powerhouse was shutdown in 2012. During its years of operation, the facility burned approximately 160,000 tons of coal per year. Deactivation activities began following the shutdown. As a result of the shutdown of the powerhouse, continued operations of the 488-1D and -2D Ash Basins, the 488-4D Landfill and the 489-D Coal Pile Runoff Basin are no longer needed and would require remediation.

Based on the requirements of DOE O 413.3B, a tailoring strategy for the D Area Ash Basins and Landfill Project will be used in accordance with the current EM Portfolio Management Framework. The framework allows the project to include components of Operations Activities and Capital Asset Project work. The operation activities component will include site preparation and the capital asset activities will include isolation of ash.

DOE Order 413.3B states that when the Department, Congress or a regulatory agreement transfers or formally assigns cleanup responsibilities for a parcel of land or facilities to EM for cleanup, this will serve as the basis for a “Mission Need” in support of CD-0 approval by the Acquisition Executive (AE) is established. The D Area Ash Basins and Landfill are included in the approved 2013 DOE-SR Federal Facility Agreement Appendix E, “Long-term Commitments” as enforceable regulatory milestones.

Closure of the D Area Basins and Landfill will meet the goals outlined by the U.S. Department of Energy and the Office of Environmental Management, as well as, the negotiated agreements with the SCDHEC and EPA identified in the SR FFA and state regulations for industrial waste water treatment and solid waste landfills. Isolation of ash is required by CERCLA and state regulations to eliminate any human or ecological exposure to toxic metal contaminants in the ash. The completion of the D-Area Ash Basins and Landfill Closure Project will meet South Carolina Permit closure requirements and enforceable agreement milestones in the Federal Facility Agreement avoiding significant civil and criminal fines and penalties.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

**Up to $200,000 of the allocated fee will be paid for this Contract Output.**

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015AC P-5.01</td>
<td>9/30/2015</td>
<td>$200,000</td>
<td>Support DOE approval of the D-Area Ash Basins and Landfill Closure Project Critical Decision (CD) 2/3.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

EC & ACP will complete and submit the Critical Decision (CD) 2/3 package to DOE-SR for the D-Area Ash Basins and Landfill Closure Project. DOE-SR will validate acceptance of the incentive based on receipt of the document.
Performance Incentive Document

<table>
<thead>
<tr>
<th>PID Number:</th>
<th>SRNS2015SRNL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity Name:</td>
<td>Savannah River National Laboratory (SRNL)</td>
</tr>
<tr>
<td>WBS Number:</td>
<td>Numerous</td>
</tr>
<tr>
<td>Performance Period:</td>
<td>October 1, 2014 – September 30, 2015</td>
</tr>
<tr>
<td>Allocated Fee:</td>
<td>$4,250,000</td>
</tr>
<tr>
<td>Revision Number:</td>
<td>0</td>
</tr>
</tbody>
</table>
| Senior level manager/Performance Incentive Manager: | Pat McGuire  
  Assistant Manager for Nuclear Material Stabilization (AMNMS) |
| Senior technical advisor: | Tony Polk  
  Patrick Jackson  
  Jay Ray |

**Contract Performance Outcome:**

SRNL’s three-fold mission is to enable the success of DOE-SR and the Office of Environmental Management (EM) operations and projects, to provide technical leadership for future site missions, and to utilize its technical expertise to provide vital national and regional support in achieving the broader goals of DOE and the federal government. The vision for SRNL is to be the nation’s premier laboratory in Environmental Management, National & Homeland Security, and Energy Security (Source: SRNS Contract).

**Contract Output: SRNS2015SRNL-01 (Cost Control)**

Deliver Disposition Paths for Nuclear Material.

**Description/Background/Justification:**

DOE-SR’s unique facilities and capabilities enable it to support consolidation and processing of nuclear materials from other DOE facilities as well as other U.S. and foreign sources. This is important for reducing nuclear and proliferation threats, avoiding the additional costs of protecting materials at multiple sites and enabling closure of other facilities that are no longer needed.

The Site will continue to safely and securely store nuclear materials (plutonium, enriched uranium, used nuclear fuel, and other nuclear materials) pending disposition to meet commitments to the State of South Carolina.

**Plutonium**

DOE-SR has been placed in a lead role by DOE to dispose of plutonium from the cleanup of weapons facilities throughout the DOE Complex. Plutonium from the cleanup of weapons facilities (non-pit plutonium) has been primarily consolidated at DOE-SR where, depending on future decisions, it is planned to be disposed of by a variety of alternative means.
including;
• Packaging (including blending as needed) and shipping to the Waste Isolation Pilot Plant (WIPP) in New Mexico.
• Converting to reusable nuclear fuel by dissolving Pu in H Canyon, converting to Pu Oxide in HB-Line for future processing at MOX.

Highly Enriched Uranium

DOE-SR has the capability to support the DOE complex-wide effort to down blend excess HEU to a more useable and less proliferable low enriched uranium (LEU) enrichment. The LEU is provided to a commercial fuel vendor. The vendor uses the LEU to manufacture commercial nuclear fuel for use in commercial reactors for the generation of electricity. Additional LEU commitments from the processing of Used Nuclear Fuel (UNF) will be made to TVA. Receipt of Canadian Liquid Uranium is another source to meet LEU deliveries.

Used (Spent) Nuclear Fuel

DOE-SR supports the nation’s nonproliferation goals by receiving U.S. owned/loaned HEU fuel from foreign countries. The UNF is safely being stored in L Basin pending disposition.

SRNL provides technical support and consultation for this mission.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $425,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015S RNL-1.01</td>
<td>9/30/15</td>
<td>$150,000</td>
<td>Provide technical support to Nuclear Materials for the Plutonium Surveillance Program including 3013 Destructive Examination (DE) program, and continuation of plutonium shelf life corrosion studies and 9975 life extension testing.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>a) Complete data set 2 analyses for backlog of FY14 DE packages and FY15 packages provided they are received by 4/30/15.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Complete analyses Inner Container (IC) closure weld regions on selected DE packages per the Shelf Life Corrosion Test Plan.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>c) Complete FY15 annual report on 9975 Life Extension O-ring test fixtures.</td>
</tr>
</tbody>
</table>

The overall plutonium surveillance program is designed to provide a statistically justifiable conclusion that the integrity of the overall inventory of stored plutonium materials is not compromised during prolonged storage. Identifying any degradation issues through this program should provide failure prevention and provide significant cost avoidance. SRNL execution of work on life extension testing of 9975 packages is expected to provide data to support the technical bases to allow continued use of 9975 packages and avoid a significant repackaging effort in K-Area and costs. Utilization of the analysis test protocol for examination of Inner Container (IC) closure weld regions on selected DE packages will reduce waste and sample
The surveillance program utilizes review of historical data, lean event reviews, and reviews with the Materials Identification and Surveillance group and Corrosion Working Group to evaluate and implement technical and cost reduction changes. (Cost Control).

### Acceptance Criteria

DOE-SR will perform validation reviews of the following (to include MIS/SPA team interactions as necessary) as authorized by the DOE CO in accordance with approved work authorization documents:

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015S</td>
<td>9/30/15</td>
<td>$275,000</td>
<td>Execute scope in support of H-canyon/HB-line operations and improvement initiatives:</td>
</tr>
<tr>
<td>RNL-1.02</td>
<td></td>
<td></td>
<td>a) Develop and demonstrate flowsheets for application in H-canyon/HB-line.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Characterize samples, as needed, to support operations.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>c) Develop options (flowsheets or equipment) to improve production rates.</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>d) Execute scope to demonstrate options for minimizing waste from operations (note: waste min. to optimize recycle HB-Line column raffinate or use in 6.4D and complete RA if required is an EMO PBI, so any SRNL work done on this will not be reported for SRNL fee).</td>
</tr>
</tbody>
</table>

SRNL execution of work to support canyon flowsheet development and improvements could yield production rate improvements and cost control/reductions by minimizing waste generated and/or reducing the conservatism by reducing the uncertainties in operational limits; (Cost Control).

### Acceptance Criteria

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

- Technical reports and presentations documenting flowsheets.
- Technical reports documenting sample characterization results.
- Technical reports and presentations that evaluate improved production rates.
- Technical reports and presentations documenting option evaluations and testing of waste minimization options.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.
the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS201SSRNL-02: (Cost Control)**

Deliver products and services that reduce technical risk and enhance the schedule of liquid high level waste dispositioning. SRNL will enable DOE-EM mission success by providing the increased scientific and technological rigor needed to support EM program and project planning, technology development and deployment, project execution, and assessment of program outcomes.

**Description/Background/Justification:**

EM’s goal is to reliably complete radioactive liquid waste treatment, safely manage the treated waste and meet DOE commitments to close the liquid waste tanks, while incorporating new technology and to enhance efficiency. In so doing, EM is closing the circle on the legacy of radioactive liquid waste.

At DOE-SR’s Savannah River Site, the insoluble sludge solids from tank waste are vitrified at the Defense Waste Processing Facility (DWPF) and converted into a solid glass form. The salt waste is processed to remove of the radioactivity with the decontaminated salt solution being disposed onsite in grout at the Saltstone facility. The Tank Closure Program at DOE-SR’s Savannah River Site has made significant progress.

At Hanford, construction is well underway on the Pretreatment and Vitrification facilities. SRNL experience at DOE-SR can be utilized to support flowsheets and other technology development activities.

In addition to the contractor support efforts described above EM has commissioned the SRNL to coordinate the engagement of the national laboratory community to bring the scientific and technological rigor needed to evaluate/prioritize alternatives, define/execute technology development as appropriate, and provide the DOE with an "owners representative" to inform decisions and reduce technical and programmatic risks in conjunction with PNNL. Under this direction, and consistent with their role as Federally Funded Research and Development Centers (FFRDC), the SRNL/PNNL team will work closely with DOE site offices, contractors and other national laboratories to establish a framework for sustainable laboratory engagement and collaboration.

In addition to the strategic role for EM, SRNL will execute technology development tasks for EM-20 that support the EM Complex.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $1,170,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
</table>
| SRNS201SSRNL-2.01 | 9/30/15 | $630,000 | Execute scope to provide technical bases, characterization results, consultation in support of DOE-SR Tank Waste Programs/Projects. These efforts are likely to include:  
|               |       |        | a) DWPF/Saltstone waste form, flowsheets, sludge batch qualification. Qualify sludge batch 9 including sample characterizations, development of process options and frit formulation.  
|               |       |        | b) Perform sample characterization and evaluation and                                                                 |

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Support corrosion control program.

c) Characterize any tank closure samples received to determine residual material left in tanks.
d) Qualification of next salt batch and support salt processing facility operations and troubleshooting.
e) Support SRR performance assessment work through modeling and experimental studies.

By maximizing the waste loading for sludge batches through frit development and completing work on the alternate reductant flowsheet, SRNL can support increased cost control/savings by minimizing the canisters produced (frit development) and increased operational flexibility and reducing facility downtime with the alternate reductant flowsheet; (Cost Control).

<table>
<thead>
<tr>
<th>Acceptance Criteria</th>
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</thead>
<tbody>
<tr>
<td>DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:</td>
</tr>
<tr>
<td>a) Technical reports documenting sample characterization, alternate reductant work scope, SB9 flowsheets development and frit formulation.</td>
</tr>
<tr>
<td>b) Technical reports documenting characterization of tank samples and corrosion monitoring.</td>
</tr>
<tr>
<td>c) Technical reports and associated QA documentation documenting results of tank closure samples.</td>
</tr>
<tr>
<td>d) Salt batch qualification technical reports.</td>
</tr>
<tr>
<td>e) Completion of PORFLOW runs in support of performance assessment scope.</td>
</tr>
</tbody>
</table>

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

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<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015S</td>
<td>9/30/15</td>
<td>$465,000</td>
<td>To maintain and enhance SRNL as a pre-eminent center for research, development, and deployment of technologies to clean up the environmental legacy of the Nation’s nuclear programs, SRNL will provide technical leadership and scope execution in support of the Hanford Tank Waste program:</td>
</tr>
<tr>
<td>RNL-2.02</td>
<td></td>
<td></td>
<td>a) Technical reviews and consultation in support of ORP.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Flowsheet evaluation and gap definition in support of WRPS Tank Waste Integrated Flowsheet effort.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>c) Technology development efforts (e.g. Caststone, Tc removal).</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>d) Leadership and execution of scope in support of WTP technical issue resolution (e.g. erosion/corrosion).</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>e) Technical consultation and reviews for Hanford contractors.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>By executing the technology development and technical assistance activities, SRNL will enable cost control/savings through efficiency improvements and improved planning scenarios and options analyses in support of the overall ORP.</td>
</tr>
</tbody>
</table>
U.S. Department of Energy  
Savannah River Operations Office  
Performance Evaluation and Measurement Plan

Acceptance Criteria

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

a) Feedback from ORP customer on engagement of SRNL technical personnel.
b) Technical reports and presentations from flowsheets evaluation efforts.
c) Technical reports documenting results of technology development efforts.
d) Technical reports and presentations on WTP technical issue resolution activities.
e) Summary documents related to technical reviews and consultation.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

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<th>Contract Output Completion Criteria:</th>
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</thead>
<tbody>
<tr>
<td>SRNS2015S</td>
<td>9/30/15</td>
<td>$75,000</td>
<td>Provide technical support to EM-20 through technical/program leadership activities and technology development:</td>
</tr>
<tr>
<td>RNL-2.03</td>
<td></td>
<td></td>
<td>a) Technical program support to EM-20.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Completion of funded technology development activities.</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>(e.g. Cementitious Barriers Partnership, Glass Corrosion work, Chemical cleaning and waste characterization, Tc studies)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Execution of selected technology development tasks will enable cost control/savings and efficiency improvements within the Tank Waste program area; (Cost Control).</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

a) Documents and support provided to EM-20.
b) Technical reports and presentations from technology development efforts.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Contract Output SRNS2015SRNL-03: (Cost Control)

Develop and deploy Next Generation Cleanup Technologies.

Description/Background/Justification:

The environmental cleanup of DOE-SR will continue to receive emphasis for the foreseeable future as we
reverse the environmental impact from legacy operations performed on the Site. With each success, the Site becomes safer for future generations and less costly to maintain. These cleanup operations are not trivial nor are they straightforward.

DOE-SR has had to develop new and innovative applied technologies in order to accomplish much of the cleanup. This will continue to be the case as the cleanup challenges get more and more difficult. DOE-SR plans to make these new technologies available across the country and internationally to assist others in their own cleanup efforts. DOE-SR technological expertise and knowledge in cleanup has been highlighted to assist Japan in the remediation efforts at the Fukushima-Daiichi Nuclear Power Station.

SRNL efforts are likely to include programs in Environmental Compliance & Area Completion Projects (EC&ACP), Solid Waste Management (SWM), Technology Development for EM-10, and programs to support Japan’s remediation of the Fukushima site.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $295,000 of the allocated fee will be paid for this Contract Output.

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<tr>
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<th>Contract Output Completion Criteria:</th>
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</thead>
<tbody>
<tr>
<td>SRNS2015S</td>
<td>9/30/15</td>
<td>$50,000</td>
<td>Provide technical support for SRNS Environmental Compliance &amp; Area Completion Projects including products and services in meeting regulatory milestones and deliverables as well as developing and transitioning to passive environmental technologies and approaches for waste site remediation. This scope includes the following activities: technical input to D-Area ash basin and coal pile runoff pile projects; technical input to P-Area groundwater OU project; sampling and analysis supporting TNX Edible Oil Treatability Study; and Timely GC Analysis of Soil Gas, Soil, and Groundwater Samples from EC &amp; ACP. The R&amp;D work for EC&amp;ACP focused on attenuation (evaluating aerobic degradation of chlorinated ethenes in the Southern Sector of A/M Areas, TNX edible oil sampling and analysis, MicoCED treatability test site characterization) may lead to cost control/savings. SRNL controls costs by minimizing wastes, implementing concepts of sound data quality objectives, and tailoring remedial solutions to site conditions (geology, geochemistry, hydrology, etc.); (Cost Control).</td>
</tr>
<tr>
<td>RNL-3.01</td>
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</table>

Acceptance Criteria

DOE-SR will perform validation of products and services SRNL provides for environmental cleanup initiatives such as development of regulatory documents for D-Area ash basin and D-Area coal runoff pile remediation, development of regulatory documents for P-Area groundwater remediation, M-1 Air Stripper operation and maintenance, TNX groundwater and effectiveness monitoring strategy, and GC analysis of samples from RCRA and CERCLA sites being monitored or characterized by EC&ACP as authorized by the DOE CO in accordance with approved work authorization documents.

Products to include completed reports, test plans, hydrogeologic and geotechnical projects program plans, and other technical documentation.

Services to include field characterization and oversight; laboratory analysis, testing, and reagent preparation; document reviews and technical consultation resources to EC&ACP project teams.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does
not rely solely on schedule performance indices or cost performance indices as the measurement for fee
determination decisions. Cost control performance will be measured in accordance with the Memorandum from
the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR
acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing
cost control, actual costs will be compared to costs planned for the current year. A comparison must also be
done between estimated costs for the evaluation period and estimated cost at completion for the evaluation
period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

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<tbody>
<tr>
<td>SRNS2015S</td>
<td>9/30/15</td>
<td>$115,000</td>
<td>Provide technical support for SRNS Solid Waste Management. SRNL plans to:</td>
</tr>
<tr>
<td>RNL-3.02</td>
<td></td>
<td></td>
<td>a) Develop and submit to DOE the FY 2015 Performance Assessment Maintenance Plan.</td>
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<td>b) Develop and submit to DOE the FY 2015 Composite Analysis Maintenance Plan.</td>
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<td>c) Develop and submit to DOE the FY 2014 PA Annual Review report.</td>
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<td>d) Develop and submit to DOE the FY 2014 CA Annual Review report.</td>
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<td>Approximately 10% of this PBI may lead to cost control/savings for the SWM customer through the</td>
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<td>completion of the PA Maintenance Plan and the CA Maintenance Plan, SRNL controls cost by minimizing</td>
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<td>wastes, implementing concepts of sound data quality objectives, and leveraging resources and programs</td>
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<td>within the lab and across the site (cost sharing with site customers); (Cost Control).</td>
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</table>

Acceptance Criteria

DOE will perform validation reviews of the following as authorized by the DOE CO in accordance with
approved work authorization documents:

c) Report on the FY 2014 PA Annual Review.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does
not rely solely on schedule performance indices or cost performance indices as the measurement for fee
determination decisions. Cost control performance will be measured in accordance with the Memorandum from
the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR
acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing
cost control, actual costs will be compared to costs planned for the current year. A comparison must also be
done between estimated costs for the evaluation period and estimated cost at completion for the evaluation
period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

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<tr>
<td>SRNS2015S</td>
<td>9/30/15</td>
<td>$75,000</td>
<td>Provide technical development for EM-10 on Environmental Compliance (EM-11), Soil &amp; Groundwater Remediation (EM-12), D&amp;D and Facility Engineering (EM-13). $1.2M EM-10 funding.</td>
</tr>
<tr>
<td>RNL-3.03</td>
<td></td>
<td></td>
<td>a) Provide LFRG technical support activities and technical support for the DOE Order 435.1 update.</td>
</tr>
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<td></td>
<td>b) Applied Field Research Initiative (AFRI) technology development and ASCEM User Interface, Tank</td>
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<td>Demonstration, and testing at F-Area.</td>
</tr>
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</table>
c) In Situ Decommissioning (ISD) Sensor Network Test Bed and further ISD developments.

Demonstration of a new more cost effective paradigm in long-term monitoring of remediated waste sites could save significant dollars in the type and quantity of analyses throughout the DOE Complex. Deployment of sensor network at 105-C Reactor Building may lead to SRNS cost avoidance in facility surveillance and maintenance operations by reducing the frequency of facility walk-downs and early detection of emerging abnormal areas before they become visible. Prototype semiconductor thin film radiological waste containment bag development (Rad Bag) may lead to SRNS/DOE-EM cost savings in extending the durability/serviceability of a radiological waste containment bag. GrayQb Single Face - radiation mapping device may lead to cost savings during decontamination/deactivation operations by providing near real time results of contamination relative intensity and location. SRNL controls cost by leveraging resources and programs within the lab (e.g., LDRD, etc.), across the site (cost sharing with site customers) and within universities (e.g., SULI and FIU interns, etc.); (Cost Control).

Acceptance Criteria

DOE-SR will perform validation reviews on the SRNL programs directed by EM-10 including as authorized by the DOE CO in accordance with approved work authorization documents:

a) DOE Order 435.1 and LFRG technical support; Support finalization of DOE Order 435.1A and supporting technical standard; Provide technical assistance for LFRG activities at DOE Sites (TBD);

b) Report documenting the performance of the long term monitoring pilot field test Demonstration; Summary report on field and laboratory testing of humate as an attenuation mechanism for Uranium; Co-author on report on ASCEM User Outreach Activities; DOE-SR Tank simulations to demonstrate ASCEM tools;

c) Continuation of 105-C AE sensor system and facility structural health analysis - Report; Continuation of prototype semiconductor thin film (Advanced Rad Bag) durability testing -- Report & Advanced Rad Bag; Residual contamination fixative development and testing -- Report & residual contamination fixative formulation; 3D Virtual Modeling for D&D planning and workforce training development -- Report & 3D Virtual Modeling for D&D planning platform.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

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<tbody>
<tr>
<td>SRNS2015S</td>
<td>9/30/15</td>
<td>$45,000</td>
<td>SRNL is the EM's Corporate National Laboratory across the EM complex and will seek to diversify its customer base and funding sources for SRNL to increase efficiencies for the benefit of all of its customers. SRNL will provide technical support and expertise, and global leadership in support of Fukushima cleanup and remediation efforts that may include</td>
</tr>
</tbody>
</table>
the following:

a) Lead development and negotiations of new business contract(s) supporting Fukushima cleanup.

b) Work with governmental agencies (Department of Energy, Department of State, etc.) to identify and establish SRNL leadership in U.S. government efforts supporting Fukushima remediation by the Ministries in the Government of Japan (MOE, METI, MEXT, etc.).

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

a) Documentation demonstrating development and negotiations of new business contract(s) supporting Fukushima cleanup.

b) SRNL participation or leadership in governmental agency support to Fukushima remediation.

<table>
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<th>Contract Output Completion Criteria:</th>
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</thead>
<tbody>
<tr>
<td>SRNS2015S RNL-3.05</td>
<td>9/30/15</td>
<td>$10,000</td>
<td>Provide Technical assistance on environmental remediation to DOE Legacy Management (LM), to include a site visit and a final report outlining recommendations.</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

Final report to DOE LM outlining recommendations on environmental remediation for a DOE site.

Contract Output SRNS2015SRNL-04: (Cost Control)

Develop Solutions to Close and Better Secure the Nuclear Fuel Cycle.

Description/Background/Justification:

SRNL helps develop the nation's used (spent) nuclear fuel cycle initiatives through participation in the DOE Fuel Cycle Research and Development (FCR&D) Program. This is facilitated by SRNL leadership in Clean Energy initiatives aligned with the DOE Sustainability Plan goals.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $300,000 of the allocated fee will be paid for this Contract Output.

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<tbody>
<tr>
<td>SRNS2015S RNL-4.01</td>
<td>9/30/15</td>
<td>$300,000</td>
<td>As part of the SRNS Contract, SRNL will provide technical leadership for future site missions, and utilize its technical expertise to provide vital national and regional support in achieving the broader goals of DOE and the federal government, and maintain and enhance the core competencies that are necessary to support assigned and future missions of</td>
</tr>
</tbody>
</table>
Acceptance Criteria

DOE-SR will perform validation of the following as authorized by the DOE CO in accordance with approved work authorization documents: completed reports, presentations, and publications identified in the funded DOE-NE FCR&D scope.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Contract Output SRNS2015SRNL-05: (Cost Control)

Reduce greenhouse gas emission via Clean Alternative Energy Project.

Description/Background/Justification:

SRNL facilitates complex-wide accomplishment of the DOE Sustainability Plan goals through innovative leadership in Clean Energy activities in support of DOE renewable energy strategic initiatives. Also, as part of the SRNS Contract, SRNL will provide technical leadership for future site missions, and utilize its technical expertise to provide vital national and regional support in achieving the broader goals of DOE and the federal government, and maintain and enhance the core competencies that are necessary to support assigned and future missions of EM and NNSA programs at DOE-SR.

SRNL continues to be heavily involved in a number of initiatives that will reduce greenhouse gases in accordance with Executive Order 13514. SRNL’s Hydrogen Storage Engineering Center of Excellence will continue to advance the concept of clean fuels based on the hydrogen technology that DOE-SR has developed over years of tritium research and production. SRNL has a number of other projects to reduce greenhouse gas
emission, including solar and methane, which is a key DOE-SR strategic initiative and goal for EM sites.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $300,000 of the allocated fee will be paid for this Contract Output.

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<tr>
<td>SRNS2015S</td>
<td>9/30/15</td>
<td>$300,000;</td>
<td>As part of SRNL’s efforts to support DOE in Energy Security the following Clean Energy Projects will be completed:</td>
</tr>
<tr>
<td>RNL-5.01</td>
<td></td>
<td></td>
<td>a) Hydrogen Storage Engineering Center of Excellence-Technical Work Scope: Complete evaluation of a 2 liter hydrogen adsorption prototype system.</td>
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<td></td>
<td>a)</td>
<td>b) Basic Energy Science: Have accepted for publication in the area of energy storage three technical articles in peer reviewed journals with impact factors = &gt;3. This PBI will support the goal of the Basic Energy Science program to provide the foundation for new energy technologies. If successful, this technology could create opportunities to revolutionize the future of sustainable energy applications, which will include cost control/savings over present energy storage and conversion devices; (Cost Control)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b)</td>
<td>c) Methane opportunities for Vehicular Energy - Complete design and construction of a two liter adsorbed natural gas prototype system.</td>
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<td></td>
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<td>d)</td>
<td>e) SunShot High Temperature Corrosion Analysis of Molten Salt Systems for CSP Applications. Characterization of the corrosion rates of selected alloys in contact with high operating temperature heat transfer fluids incorporating corrosion protection and inhibition strategies as outlined in Statement of Project Objectives (SOPO). The SunShot PBIs support progress toward achieving the DOE SunShot technical and cost targets for Concentrating Solar Power (CSP) thermal energy storage (TES) systems. If successful, subsequent industrial development and manufacturing efforts will lead to substantially lower future CSP system cost making them competitive with today’s commercial power plants.</td>
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<td>e)</td>
<td>$100,000</td>
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</table>

Acceptance Criteria

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

a) EERE program management acknowledgement of requirements delivered as specified.
b) Copies of acceptance letters and 2014 journal impact factors.

c) Letter of confirmation from Ford program manager.

d) Draft annual report for SRNL Year 3 experimental testing work to EERE SunShot review by 9/30/15.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS2015SRNL-06:**

Expand the SRNL leadership in National Security.

**Description/Background/Justification:**

SRNL support for DOE-IN Nuclear Materials Information Program.
SRNL utilizes its technical expertise to provide services and products for the DOE-IN. The DOE-IN Nuclear Materials Information Program (NMIP) develops and maintains a comprehensive information system on foreign special nuclear materials (SNM) capable of being utilized in nuclear weapons. This system is maintained on classified networks and is updated with current intelligence annually.

SRNL technical support for DOE-IN Foreign Nuclear Program.
SRNL utilizes its technical expertise to provide services and products for DOE-IN's Foreign Nuclear Program.
SRNL provides technical analysis and programmatic support to DOE-IN and to other agencies within the Intelligence Community (IC). National Laboratories and their Field Intelligence Elements (FIE's) provide DOE's technical input to all issues of weapons production and utilization by foreign nuclear programs. SRNL's FIE provides important technical leadership, analysis and input on current issues, foreign facilities and weapons materials production.

The SRNL counterintelligence program primarily consists of an expansive awareness function, a counterintelligence investigative capability, an analysis element and a multi-focused cyber component. The Senior Counterintelligence Official (SCIO) leads the integrated counterintelligence effort against foreign intelligence, terrorism threats directed at SRNL, and also has direct managerial oversight for the overall performance of the office, personnel and financial management of the CI program.

Also, as part of the SRNS Contract, SRNL will provide technical leadership for future site missions, and utilize its technical expertise to provide vital national and regional support in achieving the broader goals of DOE and the federal government, and maintain and enhance the core competencies that are necessary to support assigned and future missions of EM and NNSA programs at DOE-SR.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $240,000 of the allocated fee will be paid for this Contract Output.

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<th>Contract Output Completion Criteria:</th>
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<tbody>
<tr>
<td>SRNS2015SRNL-6.01</td>
<td>9/30/15</td>
<td>$240,000</td>
<td>As part of the work on National Security, SRNL will provide technical support for DOE-IN as follows:</td>
</tr>
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</table>
DOE-IN Technical reports/assessments of foreign nuclear weapons programs, Nuclear Materials Information Program assessments, and Leverage SRNL intelligence capabilities (including DOE/IN work) to broaden support for other Intelligence Community agencies. The specific number and content of assessments will be specified in FY15 by DOE-IN. SRNL expects to do at least two assessments of foreign nuclear weapons programs and 100% of the Nuclear Materials Information Program assessments assigned. Detail of reports and other support are classified information.

**Acceptance Criteria**

DOE-SR will perform validation reviews of the following as authorized by the DOE CO in accordance with approved work authorization documents:

a) Technical reports and assessments of foreign nuclear weapons programs have been reviewed and published by DOE-IN.

b) 100% of Nuclear Materials Information Program (NMIP) assessments for which SRNL is responsible are updated.

c) Broadened support for other Intelligence Community Agencies.

**Contract Output SRNS2015SRNL-07: (Cost Control)**

**SRNL Infrastructure Sustainment.**

**Description/Background/Justification:**

SRNL offers a unique combination of capabilities, equipment, and infrastructure that are not available anywhere else. Although SRNL was originally built as a part of the nuclear weapon complex to maintain the U.S. nuclear deterrent, the facilities obtained and constructed for that purpose represent a significant asset to the site, region, and country and it is poised to solve National issues. The DOE-SR vision targets SRNL to be the central hub as DOE-SR expands its business segments to address DOE needs that capitalize on historic DOE-SR competencies and capabilities. SRNL will actively seek ways to revitalize and present these assets for more widespread beneficial use.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $1,445,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th><strong>Contract Output Completion Criteria:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015SRNL-7.01</td>
<td>9/30/15</td>
<td>$223,000</td>
<td>SRNL will implement High Priority Safety Basis scope and Active Confinement Ventilation System infrastructure improvements as defined in the approved FY15 SRNL Infrastructure Sustainment PBI Implementation Plan as developed between DOE-SR and SRNL.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>a) Complete Documented Safety Basis development and implementation upgrades</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Meet selected Active Confinement Ventilation project milestones.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**
DOE-SR will perform completion validations reviews per the FY 15 SRNL Infrastructure Sustainment Implementation Plan as authorized by the DOE CO in accordance with approved work authorization documents.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
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<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015S RNL-7.02</td>
<td>9/30/15</td>
<td>$332,000</td>
<td>As defined in the approved FY15 SRNL Infrastructure Sustainment PBI Implementation Plan jointly developed by DOE-SR and SRNL, complete “A” Cell Block window and control panel replacements and install “B” Cell Block exhaust fans with no adverse impact to mission work. Initiate Process Monitor and Control System upgrade of key laboratory support systems.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>a) Complete Shielded Cell Upgrades.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Continue Process Monitoring and Control System Upgrades.</td>
</tr>
</tbody>
</table>

Acceptance Criteria:

DOE-SR will perform completion validation reviews per the FY 15 SRNL Infrastructure Sustainment Implementation Plan as authorized by the DOE CO in accordance with approved work authorization documents.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
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<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015S RNL-7.03</td>
<td>9/30/15</td>
<td>$800,000</td>
<td>Complete candidate IGPP capital projects, deferred Davis Bacon scopes, construction maintenance orders and major maintenance scopes that support restoration and sustainment of facility infrastructure as defined in the approved FY15 SRNL Infrastructure Sustainment PBI Implementation Plan jointly developed by DOE-SR and SRNL. Develop pre-conceptual designs and estimates, as appropriate, in support of IGPP and major maintenance infrastructure tasks as mentioned above.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>a) Complete IGPP Projects.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Complete CMO and Major Maintenance Activities.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>c) Perform Pre-Conceptual High Priority Infrastructure Design Activities.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>d) Develop CD and Est. for Critical Infrastructure Integrated Priority List (CI IPL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>e) Complete Deferred Davis Bacon Scopes</td>
</tr>
</tbody>
</table>

Acceptance Criteria:

DOE-SR will perform completion validation reviews per the FY 15 SRNL Infrastructure Sustainment Implementation Plan as authorized by the DOE CO in accordance with approved work authorization documents.

<table>
<thead>
<tr>
<th>Number</th>
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<th>Fee</th>
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</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015S RNL-7.04</td>
<td>9/30/15</td>
<td>$90,000</td>
<td>Advance SRNL Consolidation Roadmap initiatives that result in facility footprint reduction, overall deferred maintenance backlog reduction, and operational and R&amp;D efficiency improvements as defined in the approved FY15 SRNL Infrastructure Sustainment PBI Implementation Plan. Continue to support any follow on DOE-HQ Laboratory Operations Board (LOB) Infrastructure Assessments; (Cost Control).</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>a) Complete B-Area moves.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Vacate north end of 736-A.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>c) Update an integrated SRNL and F/H Lab Consolidation</td>
</tr>
</tbody>
</table>
Acceptance Criteria

DOE-SR will perform completion validation reviews per the FY15 SRNL Infrastructure Sustainment Implementation Plan as authorized by the DOE CO in accordance with approved work authorization documents.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

Contract Output SRNS2015SRNL-8:

Conduct effective laboratory management.

Description/Background/Justification:

Utilizing a comprehensive and integrated approach, SRNS will document and continue implementation of a path forward to: improve the overall institutional management of SRNL; establish a comprehensive vision for the future; and effectively apply innovative solutions to meet DOE mission needs.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $75,000 of the allocated fee will be paid for this Contract Output.

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</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015S RNL-8.01</td>
<td>9/30/15</td>
<td>$75,000</td>
<td>Proceed with implementation of the SRNL Institutional Plan to improve and develop overall institutional management of SRNL. Progress will be made and documented in core competency management, major laboratory initiatives, laboratory capabilities, business practices, and laboratory partnerships. Progress will be measured against defined objectives and annual milestones. An Implementation Plan will be developed for this PBI.</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will perform validation reviews of the implementation status report for the SRNL Institutional Plan as authorized by the DOE CO in accordance with approved work authorization documents.
Performance Incentive Document

<table>
<thead>
<tr>
<th>PID Number:</th>
<th>SRNS2015LS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity Name:</td>
<td>EM Landlord Services</td>
</tr>
<tr>
<td>WBS Number:</td>
<td>Various / Indirect</td>
</tr>
<tr>
<td>Performance Period:</td>
<td>October 1, 2014 – September 30, 2015</td>
</tr>
<tr>
<td>Allocated Fee:</td>
<td>$4,550,000</td>
</tr>
<tr>
<td>Revision Number:</td>
<td>0</td>
</tr>
</tbody>
</table>
| Senior level managers: | Angelia Adams, Acting AM Infrastructure & Environmental Stewardship (AMI&ES)  
Doug Hintze, AM Mission Support (AMMS) |
| Senior level supervisor/division manager: | David Bender  
John Lopez  
Bill Clark  
Craig Armstrong  
Jim Lovett |

**Contract Performance Outcome:**

The Contractor shall execute assigned landlord responsibilities and provide a range of services to other organizations doing work on the Savannah River Site.

**Contract Output SRNS2015LS-01: (Cost Control)**

**Description/Background/Justification:**

Initiatives are needed to ensure the electrical and steam Min Safe operational requirements are met and costs controlled and effectively managed to support current and future missions of Nuclear Materials Stabilization and Disposition, Radioactive Liquid Waste Disposition, Solid Waste Disposition, Soil & Groundwater Remediation, Facility Deactivation and Decommission, Tritium and other NNSA Missions. In addition, activities are needed to plan, develop and support the SRS Sustainability/Energy Management initiatives.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $750,000 of the allocated fee will be paid for this Contract Output.

<table>
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<tr>
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<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015 LS-1.01</td>
<td></td>
<td>$300,000;</td>
<td>Partnering with DOE in the negotiation of a new ten-year contract with South Carolina Electric &amp; Gas Company, including controlling costs with regard to the following activities; (Cost Control): a) Provide financial analysis through evaluation of life</td>
</tr>
</tbody>
</table>
Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Review SRNS Contract involvement summary report
- Evaluate the effectiveness of SRNS involvement and recommendations concerning the development of the new contract and rate structure.
- Review the Annual Electrical Demand Analysis documentation & metrics.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

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</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>12/31/14</td>
<td>$150,000</td>
<td>Leverage the collaborative efforts of Site tenant organizations reliant upon steam produced by the Ameresco Federal Solutions (AFS) Biomass Cogeneration Facility (BCF) and AFS to minimize the negative impact of a loss of steam event by performing the following activities; (Cost Control):</td>
</tr>
<tr>
<td></td>
<td>c) 9/30/15</td>
<td>c)$150,000</td>
<td>a) Take the lead, develop and coordinate with the applicable SRS tenants the implementation of a Communication Guideline for the orderly shutdown (load shedding) of steam reliant facility systems and the implementation of SRS tenant Polar Vortex lessons learned and procedures to mitigate the impact of a steam production loss of event with a focus during freezing weather.</td>
</tr>
<tr>
<td></td>
<td>c) 9/30/15</td>
<td>c)$100,000</td>
<td>b) Conduct, as a minimum, one table-top drill that demonstrates that the Communications Guideline is effective and validates SRS tenant's procedures and implementation of lessons learned that will protect steam reliant facilities and equipment from damage caused by freezing weather or its effects. Action validates a more robust load shedding and communications process. Within 20 days of the drill produce a detailed report that evaluates the drill’s effectiveness and lists lessons learned.</td>
</tr>
<tr>
<td></td>
<td>d) 9/30/15</td>
<td>d)$100,000</td>
<td>c) Support Ameresco Federal Solutions (AFS) to perform agreed upon activities to improve reliability of existing Biomass Cogeneration Facility (BCF) steam and electricity supply.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>d) Support AFS steam reliability project development and perform assigned activities associated with scope of work within agreed schedule and cost, assuming adequate funding is allocated.</td>
</tr>
</tbody>
</table>
Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

a) Evaluate the Communications Guideline’s effectiveness toward establishing clear and reasonable Site wide advisory messages, protocol for directing load shedding levels during adverse weather and loss of steam events, and clear and unambiguous communication protocols for messaging and reporting to all applicable tenants and managers.

b) Evaluate the effectiveness of the drill(s), completeness of the resulting report and the implementation of any lessons learned or corrective actions that can be reasonably implemented on the spot.

c) Evaluate the effectiveness of the support activities toward improving the reliability of steam and electricity produced by the existing Biomass Cogeneration Facility (BCF).

d) Evaluate the effectiveness in terms of meeting cost, schedule, and quality of the assigned support activities toward achieving the AFS steam reliability project.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

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</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015 LS-1.03</td>
<td></td>
<td>$100,000:</td>
<td>Perform Energy Management/Sustainability Program activities as follows:</td>
</tr>
<tr>
<td></td>
<td>a) 1/31/15</td>
<td>a)$25,000</td>
<td>a) Develop the FY15 Site Sustainability Plan for the Savannah River Site in accordance with the DOE-HQ annual guidance document by 12/31/14 and prepare the SRS Consolidated Energy Data Report (CEDR) in accordance with annual DOE-HQ guidance documentation by 1/31/15.</td>
</tr>
<tr>
<td></td>
<td>b) 9/30/15</td>
<td>b)$25,000</td>
<td>b) Support Site Data Calls and other requirements throughout the year.</td>
</tr>
<tr>
<td></td>
<td>c) 9/30/15</td>
<td>c)$50,000</td>
<td>c) Improve energy efficiency within scope activities and programs such as peak alerts, energy usage tracking, energy conservation awareness, etc… Implement one effective energy improvement program or project.</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

a) Evaluate the FY15 SRS Annual Sustainability Plan and the FY15 SRS Consolidated Energy Data Report and transmit the Plan to DOE-HQ for use in the DOE agency-wide Strategic Sustainability Performance Plan and
transmit the Report to DOE-HQ for use in DOE agency-wide data collection.

b) Evaluate documentation that demonstrates the effectiveness of the support to the Site Data Calls.

Evaluate documentation that demonstrates achievement of at least one effective (commensurate with available fee) energy improvement program or project.

**Contract Output SRNS2015LS-02: (Cost Control)**

The Contractor shall meet all SRNS agreed upon scheduled milestones to evaluate the DOE-SR aging infrastructure systems, and actively seek cost effective opportunities to right-size and minimize infrastructure investment so savings can be applied to future recapitalization. When cost-effective, provide opportunities to benefit the community through the DOE Asset Revitalization Initiatives and Programs.

**Description/Background/Justification:**

DOE-SR infrastructure is over 60 years old. Spare parts are no longer available and are being cannibalized for continued operations. Over the past 10 years, funding for infrastructure repairs/replacement has declined considerably due to budget challenges. Many infrastructure systems were designed/sized for multiple Reactor operations. SRS missions have changed. Initiatives such as rightsizing and footprint reduction of existing infrastructure are needed so savings can be applied toward future recapitalization. In the meantime, critical infrastructure projects must be planned, prioritized, and executed to ensure Min Safe system requirements are met and cost effectively managed to support current and future missions of Nuclear Materials Stabilization and Disposition, Radioactive Liquid Waste Disposition, Solid Waste Disposition, Soil & Groundwater Remediation, Facility Deactivation and Decommission, Tritium and other NNSA missions. In addition, the identification, leveraging, revitalization, and disposition of site assets will reduce the EM liability and minimize lifecycle cost. Wherever it is cost effective, the SRS Community Reuse Organization is utilized to provide additional opportunities to benefit the surrounding community.


DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $1,350,000 of the allocated fee will be paid for this Contract Output.

<table>
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<tr>
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<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015 LS-2.01</td>
<td>9/30/15</td>
<td>$200,000:</td>
<td>Implement Infrastructure Right-Sizing Initiatives in a cost controlled manner; (Cost Control):</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a) $100,000</td>
<td>a) Improve the quality of System Health Reporting (SHR) by performing the following activities:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b) $100,000</td>
<td>o Develop and present System Health Reports for all Site Services Systems using the E7 Manual, Procedure 3.04 as guidance.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>o Evaluate the availability of spare parts for the aging infrastructure.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Implement selected &quot;right sizing&quot; scope / activities as described in the Site Services Infrastructure Alignment Study (SS IAS), Document ###-TBD.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- (a) Validate evidence of the improved system health reports.
- (a) Evaluate a spare parts availability White Paper.
- (b) Perform a walkthrough and verify right-sizing implementation.
NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

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<th>Fee</th>
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</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>a)12/31/14</td>
<td>$50,000</td>
<td>Implement Foot Print Reduction Initiatives in a cost controlled manner by performing the following activities; (Cost Control):</td>
</tr>
<tr>
<td>LS-2.02</td>
<td>b)9/30/15</td>
<td>$200,000</td>
<td>a) Develop a plan and a scope of work for the disposition of at least 38 unoccupied trailers to minimize life cycle cost and reduce Site footprint.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Contingent to «Assets for Service» agreement between DOE and SRS Community Reuse Organization, provide business and technical leadership to execute the disposal of a minimum of 38 unoccupied trailers to minimize life cycle cost and reduce Site footprint.</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

a) Review and evaluate the plan and scope of work for viability of execution within available resources.

b) Evaluate documentation that shows disposal of at least 38 trailers (to earn full fee).

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

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</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>a)12/31/14</td>
<td>$100,000</td>
<td>Complete the following activities:</td>
</tr>
<tr>
<td>LS-2.03</td>
<td>b)9/30/15</td>
<td>$300,000</td>
<td>a) Produce an Annual Utility Infrastructure Improvement Plan for the FY15 projects that demonstrates linkage to the current System Health Reports. This Infrastructure Improvement Plan is managed under the Site Services change control process.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) Execute Infrastructure improvement Utility System projects, sustaining activities and liability reduction work scope (e.g. water systems, electrical distribution system, etc.). Fee can be earned quarterly.</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

a) Review and evaluate Annual Utility Infrastructure Improvement Plan against established criteria.

b) Evaluate Summary Report (to include schedule & cost management) walkthrough selected projects upon completion, and review Final Acceptance Inspection (FAI) documents or Work Packages of completed...
infrastructure improvement work scope.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
</table>
| SRNS2015 | 9/30/15 | $200,000 | Begin work to replace the A Area Firewater System by performing the following work activities:  
a) Establish project milestones and deliverables.  
b) Solicit and award the contract to replace the A-Area Firewater System.  
c) Review and favorably resolve any issues with the vendor’s Upper Tier Design. |

**Acceptance Criteria**

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:
- Review the Project Schedule of milestones and deliverables.
- Review contract documentation.
- Review documentation associated with the Upper Tier Design.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
</table>
| SRNS2015 | 9/30/15 | $300,000; $100,000; $200,000 | Complete the following activities:  
a) Update Critical Infrastructure Integrated Priority List (CIIPL) per CIIPL Guideline. Also, evaluate the process and further improve the data content for better use as a tool for funding allocation and task readiness.  
b) Develop scope of work/technical specifications, and cost estimates for at least 3 high risk Site Services' general infrastructure projects (ex: radio trunking system, roofs, roads, etc) with a total of at least $10M of unburdened scope. |

**Acceptance Criteria**

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:
- Evaluate CIIPL documentation & data improvements (a).
- Review the updated CIIPL quarterly or as needed (a).
- Evaluate the Scope of Work/Technical Specification and cost estimation documentation for the identified Site Services’ general infrastructure projects (b).

**Contract Output SRNS2015LS-03: (Cost Control) Real Property Asset Management**

The Contractor shall meet all SRNS agreed upon scheduled milestones by leveraging the Real Property Asset Management Program (RPAM) and Facility Information Management System (FIMS) data to effectively manage SRS infrastructure needs and further site missions.

**Description/Background/Justification:**

SRNS will ensure compliance of DOE Order 430.1B Real Property Asset Management Program and implement DOE-HQ requirements for asset replacement value. The Facility Condition Assessment Survey (CAS) Inspections will continue in FY15. In addition, improvements to the accuracy of the DOE-SR Actual Maintenance Cost Reporting Data will continue to be implemented for the HQ FIMS.

**NOTE:** DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah
Up to $450,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015LS-3.01</td>
<td></td>
<td>$450,000;</td>
<td>Continue Implementation of RPAM Initiatives (Cost Control):</td>
</tr>
<tr>
<td>a)</td>
<td>10/31/14</td>
<td>$15,000</td>
<td>a) Complete and submit Phase 2 of the Lab Operations Board (LOB) deliverable.</td>
</tr>
<tr>
<td>b)</td>
<td>9/30/15</td>
<td>$75,000</td>
<td>b) Perform CAS inspections of at least 20% of eligible FIMS assets to ensure SRS meet facility condition assessment 5 year cycle.</td>
</tr>
<tr>
<td>c)</td>
<td>9/30/15</td>
<td>$85,000</td>
<td>c) Complete implement FIMS data improvement recommendations developed in FY14. Populate Anticipated Asset Information Module (AAIM) in FIMS with asset data to be provided by DOE-SR. Update and maintain FIMS data of over 2,000 real property SRS assets to ensure data is accurate and reliable.</td>
</tr>
<tr>
<td>d)</td>
<td>3/31/15</td>
<td>$50,000</td>
<td>d) Complete implementation of the FIMS Corrective Action Plan to more accurately capture SRS Actual Maintenance Costs at the asset level. Also, posture SRS for FY15 FIMS validation.</td>
</tr>
<tr>
<td>e, f, g, h)</td>
<td>9/30/15</td>
<td>$50,000</td>
<td>e) Identify and update key data of the Shared Site Structure Database to support FIMS, CAS, and Integrated Life Cycle Estimate/EM Environmental Liability reporting.</td>
</tr>
<tr>
<td>f)</td>
<td></td>
<td>$75,000</td>
<td>f) Develop a process to integrate CAS data with Maintenance Management System for better planning and maintenance of Site Services facilities.</td>
</tr>
<tr>
<td>g)</td>
<td></td>
<td>$50,000</td>
<td>g) Demonstrate cost reduction and/or cost avoidance and improved office/space/warehouse utilization rates by integrating impacts of site housing completion planning, workforce restructuring, site mission changes, and lessons learned from CAS inspections into the RPAM SmartPlan (SRNS-RP-2011-00202).</td>
</tr>
<tr>
<td>h)</td>
<td></td>
<td>$50,000</td>
<td>h) Leverage Real Property Asset Management Program (RPAM) for the Site, and initiate implementation of a tailored approach for the Replacement Value (RPV) of agreed upon unique/critical facilities.</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

a) DOE-SR will review Phase 2 completion document of all remaining assets and perform a FIMS system review of randomly selected assets to ensure their assessment data is accurately populated in FIMS.

b) Review Condition Assessment Survey (CAS) Reports for the structures inspected in FY15. In addition, DOE-SR will perform field validation walk downs on randomly selected completed facilities/structures and then verify that CAS data has been placed into the DOE-HQ Condition Assessment Information System (CAIS). Confirm completion of CAS inspections of at least 20% of FIMS assets by end of FY15.

c) Review evidence of implementation of DOE-HQ FIMS recommendations developed in FY14 and demonstrated by performance against metrics implementation schedule. Confirm accurate population of AAIM data in FIMS.

d) Review evidence that Actual Maintenance Costs at the asset level are populated in FIMS by end of FY15.
Review SRNS plan to prepare for FIMS Validation to be conducted in early FY16.

e) Review evidence that the Shared Structures Database is actively being updated throughout FY15.
f) Review a White paper and evidence of the integration of CAS data into SRS Maintenance Management System and facility planning activities.
g) Review Revised SMART Plan and evidence of actions that will result in cost reduction/avoidance and increased office space/warehouse utilization rates.
h) Evaluate RPV for H-Canyon, DWPF 105-K, and SRNL 773-A Lab.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS2015LS-04: (Cost Control)**

**Real Property Asset Management**

The Contractor shall meet all SRNS agreed upon scheduled milestones to cost effectively maintain DOE-SR plant systems, components, structures, and also improve maintenance processes/services to meet site missions and positively address deferred maintenance issues.

**Description/Background/Justification:**

Procedure Manual I Y, Conduct of Maintenance, is established for effective management of plant systems, structures and components at the Savannah River Site. These standards comply with the requirements of the Department of Energy (DOE) Order 433.1B, Maintenance Management Program for DOE Nuclear Facilities. The site maintenance program initiatives are needed to ensure the Min Safe system requirements are met; SRS plant systems, components, structures are maintained; maintenance processes/services are improved and positively address deferred maintenance issues to meet and further support current and future missions of Nuclear Materials Stabilization and Disposition, Radioactive Liquid Waste Disposition, Solid Waste Disposition, Soil & Groundwater Remediation, Facility Deactivation and Decommission, Tritium and other NNSA Missions.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $400,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
</table>
| SRNS2015 LS-4.01 | 9/30/15 | $100,000 | Improve the Site integration/planning strategy for “outage windows” by executing the following activities; (Cost Control):
|             |        |       | • Develop short term integrated schedules to facilitate better planning and support group integration.
|             |        |       | • Develop a longer term Site Outage planning strategy with a schedule and initiate the schedule implementation. |

**Acceptance Criteria**

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Review evidence of short term integrated schedules whereby planning support has improved.
- Review the long term Site Outage Planning Strategy and Schedule and evidence of schedule implementation.
NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

<table>
<thead>
<tr>
<th>Number</th>
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<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>9/30/15</td>
<td>$100,000;</td>
<td>Complete the following activities; (Cost Control):</td>
</tr>
<tr>
<td>LS-4.02</td>
<td></td>
<td>a) $50,000</td>
<td>a) Develop and begin implementation of a rigorous Building Operations and Maintenance Improvement Plan to improve building material condition status and maintenance response time to support the essential site missions and enhance the DOE-SR infrastructure by developing a material condition index/report and priority scheme for building improvement projects that is updated monthly</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b) $50,000</td>
<td>b) Evaluate the performance effectiveness of the Mentor Protégé Subcontractor to determine improvements and/or efficiencies</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

(a) Review the Building Operations and Maintenance Improvement Plan and reports to include the material condition index and priority scheme for building improvements.

(b) Evaluate documentation that demonstrates improved performance effectiveness of the Mentor Protégé Subcontractor.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

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<tr>
<th>Number</th>
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<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>9/30/15</td>
<td>$200,000;</td>
<td>Perform the following Site Services Shops activities to achieve the SRS missions of Nuclear Materials Stabilization and Disposition, Radioactive Liquid Waste Disposition, Solid Waste Disposition, Soil &amp; Groundwater Remediation, Facility Deactivation and Decommission, and Tritium &amp; NNSA:</td>
</tr>
<tr>
<td>LS-4.03</td>
<td></td>
<td></td>
<td>a) Achieve less than 5% field rejects of Containment Fabrication Facility (CFF) products in support of current SRS missions.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a)$100,000</td>
<td>b) Achieve over 95% pass of independent Quality Assurance inspection for electrical and mechanical Shops (Breaker, Calibration, Fabrication, Machining, Jumper and Valve)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b)$100,000</td>
<td></td>
</tr>
</tbody>
</table>
Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Review list of CFF completed products via Asset Suite Program Reporting Tool (a).
- Review list of product field reject documentation (a).
- Verify reject rates (a).
- Review list of Shops products that required independent QA inspections via Asset Suite Program Reporting Tool (b).
- Review list of Non-conformance Reports for product QA failure (b).
- Verify QA pass rates (b).

Contract Output SRNS2015LS-05: (Cost Control)

Integrated Planning

Description/Background/Justification:

Define a strategic integrated infrastructure planning process for SRS that clearly defines and integrates the infrastructure necessary for the successful execution and completion of site missions. The outcome will be the first phase of a multi-year infrastructure sustainment initiative designed to inform the budget formulation process, provide direction and guidance to leverage implementation of a right-sized, efficient infrastructure linked to SRS EM and NNSA missions and SRNL facilities that support both SRS and DOE programs across the complex.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.11E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $500,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
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</tr>
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</table>
| SRNS2015 LS-5.01 | 9/30/15 | $500,000 | Develop an SRS integrated infrastructure planning process that links missions with a right-sized, modernized infrastructure. The process would be overarching to include inside-the-fence mission infrastructure, site utilities, SRNL, communications and common infrastructure services required for SRS contractors and tenants. Major scope milestones:
1) Define the key strategic site and mission planning assumptions that drive near-term (next 5-10 years) infrastructure requirements. These will be used to support the FY2017 budget formulation process. May, 2015
2) Utilizing the assumptions documented in Output Completion Criteria 1, identify cost reduction opportunities and develop a prioritized, integrated and right-sized roadmap of infrastructure requirements. Sept 2015
3) Prepare a strategic-level document describing the strategy,
<table>
<thead>
<tr>
<th>Acceptance Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOE–SR will review and validate the outputs from 1 through 3 above.</td>
</tr>
</tbody>
</table>
**Strategic Sourcing**

**Description/Background/Justification:**

The FY14-18 DOE Strategic Plan, under Strategic Objective 10 requires: Expand use of Federal Strategic Sourcing Initiative to DOE federal procurement operations to achieve 4% cost savings/avoidance against Actionable Dollar spending in FY 2015. It is advantageous for the Contractor to use Supply Chain Management Center (SCMC), Integrated Contractor Purchasing Team (ICPT), or DOE agreements to the maximum extent practicable. Use of such pre-established agreements as part of the overall acquisition strategy is considered a cost-effective and controlled use of Government resources and is considered to be an effective and efficient solution for procurement requirements. Rationale and justification for not using a pre-established agreement, as referenced, should be documented. As per DOE Policy Flash 2014-18, DOE Procurement Directors should establish internal processes that place consideration of established DOE agreements at the top of the order of precedence of acquisition strategies when conducting acquisition planning for goods and services, coordinating, with the ICPT, SCMC, and applicable DOE Federal agreements.

**NOTE:** DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $100,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
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<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
</table>
| SRNS2015 LS-6.01 | 9/30/15  | $100,000 | The Federal Strategic Sourcing Initiative to DOE federal procurement operations is to achieve 4% cost savings/avoidance against actionable dollar spending in FY 2015; (Cost Control).  

The cost savings/avoidance percentage (X%) is achieved as follows:

\[ X\% = \left( \frac{\text{SCMC Reported Cost Avoidance/Savings}}{\text{Actionable Dollars}} \right) \times 100 \]

Note:  
Actionable Dollars = (Total Auto Sourced Actions - Total Buyer Actions Using Contracts - Total P-Card Actions - Sole Source Actions - Multi-Year Contract Actions).

**Acceptance Criteria**

DOE-SR will review the report from the contractor documenting the average procurement cost per transaction of the CAPS survey to validate the percentage of the actionable dollars for the calculation which results in the Fee Percentage. DOE-SR will review the SCMC-issued monthly report in conjunction with the quarterly report, provided through the DOE-SR Contracting Officer up to DOE HQ.

**NOTE:** The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing
cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.

**Contract Output SRNS2015LS-07: (Cost Control)**

Chief Financial Officer (CFO) Evaluation

The CFO will develop a multi-phased project to evaluate the accounting for H-Canyon materials processing and recommend the optimum method for cost assignment to programs.

**Description/Background/Justification:**

This is a multi-phased project to evaluate the accounting for H-Canyon materials processing and recommend the optimum method for cost assignment to programs in phases. The total duration of this effort will span FY14 and FY15.

Over the last several years, the SRS, and specifically H-Canyon, has experienced an increase in Work-for-Others type activities to support the nation’s efforts to secure vulnerable nuclear materials from around the world. With funding coming from different sources, it is essential that financial processes accurately reflect the use of funds to ensure compliance with accounting standards and requirements.

The first phase of this project, completed in FY14, described and characterized an understanding of the current state of H-Canyon’s mission and technical processes, specific programmatic workscope, and cost methodology, regarding the costs associated with the base EM program, NNSA’s AFS-2, and the IEWO related to Canadian fuel.

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.JE, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $500,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015</td>
<td>a) 4/17/15</td>
<td>$100,000</td>
<td>a) Conduct an assessment to evaluate alternative cost methodologies and recommend an optimum accounting methodology. Develop an implementation plan and schedule; (Cost Control).</td>
</tr>
<tr>
<td>LS-7.01</td>
<td>b) 9/30/15</td>
<td>$400,000</td>
<td>b) Methodology is ready to be implemented in FY2016</td>
</tr>
</tbody>
</table>

Acceptance Criteria

DOE-SR will evaluate the SRNS assessment to ensure a thorough analysis was conducted, the conclusion was based upon sound accounting principles, and the implementation plan and schedule are reasonable.

NOTE: The contractor has identified this incentive to demonstrate cost control. Cost control rating criteria does not rely solely on schedule performance indices or cost performance indices as the measurement for fee determination decisions. Cost control performance will be measured in accordance with the Memorandum from the Deputy Assistant Secretary for Acquisition and Project Management, dated June 24, 2014. DOE-SR acceptance of the Contract Output Completion Criteria must include cost control rating criteria. When assessing cost control, actual costs will be compared to costs planned for the current year. A comparison must also be done between estimated costs for the evaluation period and estimated cost at completion for the evaluation period. If both costs are on track, the contractor should receive a satisfactory rating or higher.
**Contract Output: SRNS2015LS-08: (Project Controls)**

Prepare for and Receive DOE Recertification of Earned Value Management System (EVMS).

**Description/Background/Justification:**

Activities associated with SRNS preparation for and completion of Earned Value Management Re-Certification:

1. Declare Readiness for Recertification
2. Receive Provisional Certification to support D Ash CD-2/CD-3 approval.
3. Receive Recertification from DOE-OAPM

NOTE: DOE-SR acceptance of the Contract Output Completion Criteria will be documented in accordance with Savannah River Manual (SRM) 226.1.1E, Integrated Performance Assurance Manual (IPAM), revised 6-16-14. DOE-SR uses the Site Tracking, Analysis, and Reporting System (STAR) as its electronic records system for oversight and assessment activities. STAR is the Issue Management System for DOE-SR.

Up to $500,000 of the allocated fee will be paid for this Contract Output. NOTE: All milestones must be successfully met to be eligible for the total allocated fee.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRNS2015LS-08.01</td>
<td>1. 12/31/14</td>
<td>$100,000</td>
<td>1. Officially notify DOE Office of Acquisition and Project Management (OAPM) that SRNS is ready for Recertification Review and request an EVMS Surveillance Review.</td>
</tr>
<tr>
<td></td>
<td>2. 3/15/15</td>
<td>$100,000</td>
<td>2. Obtain EVMS Provisional Recertification from OAPM for D Ash Basin and Landfill Project.</td>
</tr>
<tr>
<td></td>
<td>3. 6/30/15</td>
<td>$300,000</td>
<td>3. Obtain EVMS full recertification from OAPM for SRNS Capital Projects.</td>
</tr>
</tbody>
</table>

**Acceptance Criteria**

DOE-SR will verify SRNS EVMS documentation for preparation and satisfactory execution of both Provisional Certification and full Recertification Reviews meets requirements and complies with OAPM guidance; verify authenticity of OAPM certification documentation.
Performance Incentive Document

<table>
<thead>
<tr>
<th>PID Number:</th>
<th>SRNS2015SUBJ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity Name:</td>
<td>Management &amp; Operations - Subjective</td>
</tr>
<tr>
<td>WBS Number:</td>
<td>Various / Indirect</td>
</tr>
<tr>
<td>Performance Period:</td>
<td>October 1, 2014 – September 30, 2015</td>
</tr>
<tr>
<td>Allocated Fee:</td>
<td>$5,389,000</td>
</tr>
<tr>
<td>Revision Number:</td>
<td>0</td>
</tr>
</tbody>
</table>

Senior level manager: Doug Hintze
Assistant Manager
Mission Support (AMMS)

Senior level supervisor/division manager: Bill Clark

Contract Performance Outcome:
Minimize risk of cost overruns; reduce overall number of changes (e.g. Baseline Change Proposals (BCP), contract modifications, etc.) for scope, cost and schedule. The contractor will provide timely, accurate, reliable and actionable project and contractor cost, schedule, performance, risk, and forecast data, reports and information.

This incentive is not intended to motivate the contractor to excel in cost control to the detriment of the other important performance objectives.

Environmental Management Performance Objectives per Contract No. DE-AC09-08SR22470:

Nuclear Materials Management
The Contractor shall safely and effectively manage nuclear materials and facilities in accordance with applicable DOE Directives and requirements. Management of nuclear materials at DOE-SR includes storage, operations and disposition.

Solid Waste
The Contractor shall manage the Solid Waste Program to safely and effectively prevent and/or minimize the generation of solid waste to include hazardous, low level, transuranic, mixed, and municipal sanitary wastes. The Contractor shall insure that the handling, treatment, storage, transportation and disposal of existing “legacy” and future solid waste is environmentally sound and in compliance with DOE Directives, and applicable regulations and requirements.

Soil and Water Remediation (Area Completion Project)
The Contractor shall plan and safely execute a program that meets all regulatory commitments reflected in the DOE-SR Federal Facility Agreement, Resource Conservation and Recovery Act (RCRA) permit and closure plans, settlement agreements, administrative orders, consent decrees, notices of violation(s), Memoranda of Agreements or other notices of direction from DOE and/or regulatory agencies.
Savannah River National Laboratory (SRNL)
SRNL's three-fold mission is to enable the success of DOE-SR operations; to provide technical leadership for future site missions; and to utilize its technical expertise to provide vital national and regional support in achieving the broader goals of DOE and the federal government in a safe manner. SRNL shall be operated as a defined work activity within the M&O contract structure so that it will be positioned to be responsive to future DOE requirements.

ESS&H Program
The Contractor shall conduct a comprehensive ESS&H program that provides for the protection of workers, the public, and the environment. The Contractor shall include provisions for the protection of human health and safety security and the environment in all activities for which it has contractual responsibilities.

Operations Support
The Contractor shall implement site-wide programs and coordinate their implementation with all site organizations. The Contractor shall provide technical support for all its activities and operations. The Contractor shall also provide technical support for other organizations as directed by the CO or as requested by other organizations and approved by the CO. Except as otherwise directed by the CO, services to other contractors generally do not extend to within their facilities or areas under the control of other tenant organizations.

Business Services
The Contractor shall provide general planning, management and administrative services for all its activities and for other organizations as directed by the CO.

Regulatory Compliance
The Contractor shall plan strategically in an environment of changing budgets and technical and regulatory requirements, maintain and enhance community, regulatory, and stakeholder relationships. All D&D activities shall be conducted through an integrated approach with soil and water remediation requirements in accordance with the established regulatory interaction protocols. D&D activities, and the integrated approach within, must take into account historic properties and historic preservation requirements.

Contract Output SRNS2015SUBJ-01:

This incentive is measured with an adjectival rating to measure technical performance, cost control, schedule performance and business relations / management for all of the fiscal year 2015 authorized scope.

This Contract Output will receive an adjectival grade and numerical score. In order to provide for consistency across the Complex, DOE-SR will use the five tier adjectival ratings and definitions set forth in FAR 16.4 described below.
### Description/Background/Justification:

**Description:**
In an effort to identify strengths and weaknesses in performance, the IPT, as identified in the PEMP, conducts informal evaluations with site federal and contractor organizations to solicit feedback on contractor performance in four topical areas:

- Technical Quality
- Cost Control
- Schedule (timeliness)
- Business Relations

Federal and contractor evaluations may be completed together with other reviews to improve efficiency in preparing monthly performance reports. The following DOE-SR organizations complete monthly evaluations of contractor performance:

- Assistant Manager for Infrastructure and Environmental Stewardship (AMIES)
- Assistant Manager for Mission Support (AMMS)
- Office of Acquisition Management (OAM)
- Office of Human Capital Management (OHCM)
- Assistant Manager for Nuclear Material Stabilization (AMNMS)
- Assistant Manager for Waste Disposition (AMWD)
- Office of Field Chief Financial Officer (CFO)
- Office of Chief Counsel (OCC)
- Office of Civil Rights (OCR)
- Office of External Affairs (OEA)
- Office of Safety and Quality Assurance (OSQA)
- Office of Safeguards, Security and Emergency Services (OSSES)

Similarly, counterpart SRNS organizations conduct monthly self-assessments and provide self-assessment

<table>
<thead>
<tr>
<th>Adjectival Rating</th>
<th>Percent of allocable fee</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excellent</td>
<td>91% - 100%</td>
<td>Contractor has exceeded almost all of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.</td>
</tr>
<tr>
<td>Very Good</td>
<td>76% - 90%</td>
<td>Contractor has exceeded many of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.</td>
</tr>
<tr>
<td>Good</td>
<td>51% to 75%</td>
<td>Contractor has exceeded some of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.</td>
</tr>
<tr>
<td>Satisfactory</td>
<td>1% to 50%</td>
<td>Contractor has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.</td>
</tr>
<tr>
<td>Unsatisfactory</td>
<td>0%</td>
<td>Contractor has failed to meet overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.</td>
</tr>
</tbody>
</table>
results to DOE-SR organizations regarding cross-cutting areas of performance and roll up the information into the these same four topical areas:

Technical Quality
Cost Control
Schedule (timeliness)
Business Relations

Background:
The primary mission of U.S. Department of Energy (DOE) Office of Environmental Management (EM) is to complete safe cleanup of environmental legacy brought about from five decades of nuclear weapons development and government-sponsored nuclear energy research by DOE and its predecessor agencies.

EM is responsible for environmental restoration, waste management, technology development, and facility transition and management. To achieve its vision and implement desired management improvement efforts requires an organized, systematic approach to program and project execution. EM has developed the EM Program Management System (EMPMS) to clarify roles and responsibilities, to provide for more integrated operations, and to further establish a solid baseline for workforce planning.

The EMPMS is a performance-based management system. Performance-based management uses performance measurement information to help set agreed-upon performance goals, to allocate and prioritize resources, to inform managers so they can manage program activities to meet those goals, and to report on their status. It also offers opportunity to learn from any failures in performance and to continuously improve management practices.

Justification:
Contractor self-assessments are used to measure and report contractor technical performance (quality of product/service), cost control, adherence to schedule, and business relations / management as these relate to the contractor support of the individual and collective DOE organizations and address both the strengths and weaknesses of performance during the evaluation period.

The structured process described above is used to enhance contractor work performance. The implementation methodology to ensure the structured process is executed is described below:

SRNS self-assessments are captured monthly in an electronic web-based DOE Scorecard Tool, and are used facilitate enhanced communication between individual DOE-SR and SRNS organizations. For example, within the DOE Scorecard Tool, a score [1 (Unsatisfactory) - 5 (Excellent)] is applied to performance in the four topical areas for each reporting organization.

These topical areas and scores are then used as a basis for positive and negative feedback discussion in meetings between the individual responsible SRNS and DOE-SR organizations.

Monthly, the SRNS PEMP Manager rolls up all SRNS reporting organization self-assessments into a monthly SRNS "Subjective Report" which includes scoring in the four topical areas. Furthermore, this report also includes a section document DOE-SR summary and scoring comparisons, and documents measures of technical, cost, schedule performance and business relations / management in accordance with site performance reporting to support the DOE-SR Contractor Performance Assessment Reporting (CPAR) requirements.

This report and the scoring within it is reviewed by DOE-SR monthly as part of the M&O Subjective milestone review and consequently supports provisional fee payments as per contract clause H-33: PROVISIONAL PAYMENT OF INCENTIVE FEE*.

* H-33: PROVISIONAL PAYMENT OF INCENTIVE FEE: the contractor may request monthly provisional fee payments for up to 1/12th of 50% of the total subjective fee for the performance period. Provisional fee is not considered earned fee and is contingent upon a final fee determination by the Fee Determination Official.
This system, the structured process and the implementing methodology, is critical to the evaluation of that portion of SRNS work that is considered implicit, or "Subjective". This system provides for clear performance measures that are defined and consistent with standards of reporting contractor performance (FAR 42.15, FAR 15.3, FAR 9.1, and DEAR 909.1), The Federal Acquisition Streamlining Act of 1994, and the federal acquisition guide, chapter 42.15.

Additionally, Subjective incentives use adjectival measures related to quality of service or product. The success of a contractor against Subjective measures is determined by the government. The government considers the related conditions under which the work was performed as well as the contractor's specific performance as measured against the government's objective.

Moreover, customer service is an implicit performance expectation. Both federal and contractor employees will strive to reach mutual expectations and conduct beneficial communications in support of site missions.

Up to $5,389,000 of the allocated fee will be paid for this Contract Output.

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Fee</th>
<th>Contract Output Completion Criteria:</th>
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<tr>
<td>SRNS2015</td>
<td>9/30/15</td>
<td>$5,389,000</td>
<td>Provide a monthly report measuring trends and improvements in technical, cost, schedule performance and business relations / management activities. The report will include trending data and analysis of direct program (PBS) continuous improvement efforts, and cost performance of the Indirect cost pools (Essential Site Services, Landlord Services and G&amp;A).</td>
</tr>
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</table>

Acceptance Criteria

DOE-SR will review the contractor monthly reports measuring technical, cost, schedule performance and business relations / management in accordance with site performance reporting to support the DOE-SR Contractor Performance Assessment Reporting (CPAR) requirements and this PEMP, Section 6, Performance Evaluation.

In addition, DOE-SR will use the following suggested guidelines when measuring performance:

Quality of Product or Service
Assess Conformance to:
Contract Requirements
Specifications
Standards of Good Workmanship
Are reports/data accurate?
Does the product or service meet the specifications of the contract?
What degree of Government technical direction was required to solve problems that arose during performance?

Schedule
Assess Timeliness of Completion Against:
Contract
Task Orders
Milestones
Delivery Schedules
Administrative Requirements

Cost Control
Assess Effectiveness in Forecasting, Managing, Controlling Contract Cost
Does the Contractor keep within the total estimated cost?
Negotiated/Budgeted Costs vs Actuals
Did the Contractor do anything innovative that resulted in cost savings?
Were billings current, accurate, and complete?
Are the Contractor’s budgetary internal controls adequate?

Business Relations
Assess Integration and Coordination of All Activity Needed to Execute Contract
Problem Identification
Corrective Action Plans
Reasonable & Cooperative Behavior
Customer Satisfaction
Timely Award & Management of Subcontracts
Fiscal Year 2015
DOE/NNSA Strategic Performance Evaluation Plan (PEP) Template

FOR

MANAGEMENT AND OPERATION OF THE
SAVANNAH RIVER SITE NNSA ACTIVITIES
By
Savannah River Nuclear Solutions, LLC

Contract Number: DE-AC09-08SR22470

Performance period: October 01, 2014 through September 30, 2015
Attachment E, Revision Summary Log

<table>
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<th>Affected Sections / Pages</th>
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<td>10/01/14</td>
<td>All</td>
<td>Initial Issue for this evaluation period</td>
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</table>
Fiscal Year 2015

DOE/NNSA Strategic Performance Evaluation Plan (PEP)

FOR

MANAGEMENT AND OPERATION OF THE
SAVANNAH RIVER SITE NNSA OPERATIONS

By

Savannah River Nuclear Solutions, LLC
Contract Number: DE-AC09-08SR22470

Performance Period: October 01, 2014 through September 30, 2015

R. Wallis Spangler 9/25/14
Senior Vice President
NNSA Operations and Programs
Savannah River Nuclear Solutions, LLC

Douglas J. Dearolph 9/25/14
Field Office Manager
Savannah River Field Office
National Nuclear Security Administration

John W. Temple 9/26/14
Senior Vice President
Contracts Management
Savannah River Nuclear Solutions, LLC

Carol R. Elliott 9/26/14
Contracting Officer
Savannah River Field Office
National Nuclear Security Administration
## FY 2015 PERFORMANCE EVALUATION PLAN

### DOCUMENT REVISION HISTORY

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<tr>
<th>Revision</th>
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<th>Change Description</th>
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<td>Rev 0</td>
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INTRODUCTION
Savannah River Site is a facility owned by the United States Department of Energy (DOE), herein
referenced as “Plant,” and is managed by Savannah River Nuclear Solutions, LLC (SRNS).
Pursuant to the terms and conditions of the Contract, and clause H-27, Performance Based
Management, this Performance Evaluation Plan (PEP) sets forth the criteria in which SRNS’
performance will be evaluated and upon which the determination of the amount of award fee earned
shall be based. The available award fee amounts for FY 2015 are specified in Section B-2.3 and
scope of work for NNSA as set forth in Section C-3.3 of Contract number DE-AC09-08SR22470.
This PEP promotes a strategic Governance and Oversight framework, for the NNSA scope, based
on prudent management of risk, accountability, transparency, and renewed trust. It has been
written to implement the collective governance and oversight reform principles as expressed by the
DOE/National Nuclear Security Administration (NNSA).

PERFORMANCE BASED APPROACH
The performance-based approach evaluates SRNS’s performance through a set of Performance
Objectives (PO). Each PO, and its associated Contributing Factors (CF) and Site Specific
Outcomes (SSO), will be measured against authorized work and the respective outcomes,
demonstrated performance, and impact to the DOE/NNSA mission. CFs and SSOs will be assessed
in the aggregate to establish an adjectival performance rating for each PO. Notwithstanding the
overall strategic framework, failure to achieve an individual SSO, the most important DOE/NNSA
fiscal year objectives at the plant, may limit the award-fee.

MISSION
SRNS shall furnish the necessary personnel, facilities, equipment, materials, supplies, and services
(except those provided by the Government) to accomplish the Scope of Work. The Scope of Work
under the Performance Based Management Contract is comprehensive in that the Contractor shall
perform all necessary technical, operations and management functions to manage and operate SRS
and perform the mission assigned to the site.

MISSION PERFORMANCE
SRNS is accountable for and will be evaluated on successfully executing program work in
accordance with applicable DOE/NNSA safety and security requirements consistent with the terms
and conditions of the Contract. Protection of worker and public safety, the environment, and
security are essential and implicit elements of successful mission performance. Accordingly, the
model for this PEP is to rely on the SRNS’s leadership to use appropriate DOE contractual
requirements and recognized industrial standards based on consideration of assurance systems, and
the related measures, metrics, and evidence. SRNS is expected to manage in a safe, secure,
efficient, effective, results-driven manner, with appropriate risk management and transparency to
the government, while taking appropriate measures to minimize costs that do not compromise core
objectives and mission performance. Products and services are expected to be delivered on-schedule
and within budget.

FY 2015 Performance Evaluation Plan (PEP) 3
Savannah River Nuclear Solutions, LLC, DE-AC09-08SR22470, October 1, 2014
CONSIDERATION OF CONTEXT IN PERFORMANCE EVALUATION

The evaluation of performance will consider "context" such as unanticipated barriers (e.g., budget restrictions, rule changes, circumstances outside SRNS control), degree of difficulty, significant accomplishments, and other events that may occur during the performance period. A significant safety or security event may result in overall limitation to adjectival ratings. Such impacts may be balanced by the response to the incident, and by other initiatives to improve overall safety or security performance. The contractor is encouraged to note significant safety and security continuous improvements.

PERFORMANCE RATING PROCESS

At the end of each of the first three quarters, DOE/NNSA will evaluate performance and provide feedback to SRNS highlighting successes and/or needed improvement. At the end of the year, an overall performance rating will be assigned for each PO using the table in Federal Acquisition Regulation Subpart 16.401(e) (3) yielding scores of Excellent, Very Good, Good, Satisfactory or Unsatisfactory. In general, performance objectives and contributing factors are written to reflect an overall adjectival performance level of Good. DOE/NNSA will consider the SRNS end of year self-assessment report in preparing the Performance Evaluation Report (PER) for the Fee Determining Official (FDO). The PER transmits the final recommendations on performance ratings and award fee earned for the award fee period of performance. The unilateral decision of the total award fee earned will be made by the FDO.

PEP CHANGE CONTROL

It is essential that a baseline of performance expectations be established at the beginning of the performance period to equitably measure performance, and that changes to that baseline are carefully managed. Any change to the PEP requires concurrence by the appropriate program office, the NNSA Senior Procurement Executive, and the NNSA corporate PEP manager prior to the Field Office Manager and Contracting Officer signatures. While recognizing the unilateral rights of DOE/NNSA as expressed in contract H-27 Performance Based Management, and H-28 Performance Incentives, bilateral changes are the preferred method of change whenever possible.

FINAL DECISION

The SRNS Senior Vice President for NNSA Operations and Programs can request a face-to-face meeting with the FDO to highlight their site's strategic performance. This meeting should occur in early October.
### TOTAL AVAILABLE AWARD FEE ALLOCATION

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<th>Performance Category</th>
<th>Performance Objective</th>
<th>% At-Risk Fee Allocation</th>
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<td>Programs (NA-10)</td>
<td>PO-1: Manage the Nuclear Weapons Mission</td>
<td>27%</td>
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<tr>
<td>Programs (NA-20, NA-40, NA-80)</td>
<td>PO-2: Reduce Global Nuclear Security Threats Mission</td>
<td>25%</td>
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<tr>
<td>Programs (FOM)</td>
<td>PO-3: DOE and Strategic Partnership Project Mission Objectives (Not Applicable)</td>
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<tr>
<td>Operations &amp; Mission Execution (FOM)</td>
<td>PO-4: Science, Technology, and Engineering (ST&amp;E)</td>
<td>5%</td>
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<td>Operations &amp; Mission Execution (FOM)</td>
<td>PO-5: Operations and Infrastructure</td>
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<tr>
<td>Operations &amp; Mission Execution (FOM)</td>
<td>PO-6: Leadership</td>
<td>10%</td>
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</table>

### UNEARNED FEE

DOE/NNSA reserves the right to withdraw and redistribute DOE/NNSA unearned fees.

### INNOVATIVE SOLUTIONS

SRNS will recommend innovative, science-based, systems-engineering solutions to the most challenging problems that face the nation and the globe. SRNS will also provide evidence to support programmatic needs and operational goals tempered by risk. DOE/NNSA will take into consideration all major functions contributing to mission success. In addition, SRNS is expected to recommend and implement innovative business and management improvement solutions that enhance efficiencies.
PO-1: Manage the Nuclear Weapons Mission – NA-10 (At-Risk Fee: 27%)

Successfully execute Nuclear Weapons mission work in a safe and secure manner in accordance with DOE/NNSA Priorities, Program Control Document and Deliverables, and Program Implementation Plans. Integrate across the plant, while maintaining a DOE/NNSA enterprise-wide focus, to achieve greater impact on a focused set of strategic national security priorities. Provide defensible objective evidence.

Contributing Factors:

CF-1.1 Accomplish work as negotiated with program sponsors and partners, achieving the expected level of quality to ensure safe, secure, reliable weapon performance, transportation, and cost effective operations.

CF-1.2 Increase knowledge of the state of the stockpile, resulting from successful execution of the stockpile surveillance program and a robust scientific and engineering understanding for the delivery of the annual stockpile assessment.

CF-1.3 Execute stockpile work to deliver stockpile system maintenance, production, limited-life component exchanges, weapons containers and dismantlements.

CF-1.4 Demonstrate the application of new strategies, technologies, and scientific understanding to support stewardship of the existing stockpile and future stockpile needs.

CF-1.5 Sustain and strengthen unique science and engineering capabilities, facilities and essential skills to ensure current and future Nuclear Weapons mission requirements will be met.

CF-1.6 Execute product realization processes and activities in support of nuclear weapon life extension programs, modification and alterations in accordance with NNSA requirements and Nuclear Weapons Council guidance.

Site Specific Outcomes:

SSO 1.1 Effectively implement project controls tools on the W88 Alt 370 and B61-12 LEP to execute the program and lower risks while providing detailed program status to FPM, including deployment of Management Reserve; and to implement an effective cost control process and develop opportunities for cost reduction.

SSO 1.2 Execute production readiness and production activities IAW the NNSA Integrated Master Schedule on the W88 Alt 370 and B61-12 LEP while effectively utilizing project controls tools to meet scheduled deliverables.
PO-2: Reduce Global Nuclear Security Threats Mission – NA-20, NA-40, and NA-80 (At-Risk Fee: 25%)

Successfully execute authorized global nuclear security mission work in a safe and secure manner to include the Non-Proliferation, Emergency Operations and Counterterrorism missions. Integrate across the plant while maintaining an NNSA enterprise-wide focus, to achieve greater impact on a focused set of strategic national security priorities. Provide defensible objective evidence.

Contributing Factors:
- CF-2.1 Support efforts to remove, eliminate, and minimize the use of proliferation-sensitive materials.
- CF-2.2 Support efforts to safeguard and secure materials, technologies, and facilities.
- CF-2.3 Support efforts to detect and prevent the illicit trafficking of nuclear/radiological materials, technology, information and expertise.
- CF-2.4 Provide R&D technology solutions for treaty monitoring, minimizing the use of proliferation-sensitive materials, and the application of safeguards and security.
- CF-2.5 Provide unique technical/policy solutions and develop programs/strategies to reduce nuclear/radiological dangers.
- CF-2.6 Demonstrate effective operations and implementation of policy for mission success in support of emergency management, incident response and nuclear forensics mission support capability.
- CF-2.7 Sustain and improve nuclear counterterrorism and counter-proliferation science, technology, and expertise.

Site Specific Outcome:

SSO 2.1 Perform activities necessary in H-Canyon and HB-Line to produce plutonium oxide analyzed to be acceptable feedstock from non-pit plutonium currently stored in K-Area, in accordance with the requirements contained in the FY15 Work Authorization and Execution Plan.

SSO 2.2 Develop and complete design, cost and schedule baselines for the HB-Line Ventilation Modification General Plant Project and initiate procurement and construction in accordance with those approved baselines and related work scope as defined in the FY15 Work Authorization and Execution Plan.
PO-3: DOE and Strategic Partnership Project Mission Objectives—FOM (At-Risk Fee: 0%) (Not Applicable)

Successfully execute high-impact work for DOE and Strategic Partnership Project Mission Objectives safely and securely. Provide objective evidence that demonstrates the value of the work in addressing the strategic national security needs of the U.S. Government.

Contributing Factors:

CF-3.1 Pursue and perform high impact work that strategically integrates with the DOE/NNSA mission, and leverages, sustains and strengthens unique science and engineering capabilities, facilities and essential skills.

CF-3.2 Pursue and perform high-impact Strategic Partnership Projects that strategically integrates with the DOE/NNSA mission, and leverages, sustains and strengthens unique science and engineering capabilities, facilities and essential skills in support of future national security mission requirements.

CF-3.3 Accomplish work within the budget profile, scope, cost, schedule, quality and risk negotiated with the program.

Site Specific Outcome:

None
PO-4: Science, Technology, and Engineering (ST&E) – FOM (At-Risk Fee: 5%)

Successfully advance national security missions and advance the frontiers of ST&E in accordance with budget profile, scope, cost, schedule, and risk while achieving the expected level of quality, safety and security. Effectively manage Plant Directed Research and Development Programs (PDRD) and Technology Transfer programs to advance the frontiers of ST&E. Provide defensible objective evidence.

Contributing Factors:

CF-4.1 Implement a research strategy that is clear and aligns discretionary investments (e.g., PDRD) with the research strategy and support DOE/NNSA priorities.

CF-4.2 Ensure that research is relevant, enables the national security missions, and benefits DOE/NNSA and the nation.

CF-4.3 Ensure that research is transformative, innovative, leading edge, high quality, and advances the frontiers of science and engineering.

CF-4.4 Maintain a healthy and vibrant research environment that enhances technical workforce competencies and research capabilities.

CF-4.5 Perform research to accomplish the high priority, multi-year research objectives, advance ST&E, and develop technologies for the public good through technology transfer.

Site Specific Outcome:

None
PO-5: Operations and Infrastructure – FOM (At-Risk Fee: 33%)

Effectively and efficiently manage the safe and secure operations of the plant while maintaining an NNSA enterprise-wide focus; demonstrate accountability for mission performance and management controls; assure mission commitments are met with high-quality products and services; and maintain excellence as a 21st century government-owned, contractor-operated facility.

Contributing Factors:

CF-5.1 Deliver effective, efficient, and responsive environment, safety and health (ES&H) management and processes.

CF-5.2 Accomplish capital projects in accordance with scope, cost, and schedule baselines.

CF-5.3 Deliver effective, efficient, and responsive safeguards and security.

CF-5.4 Maintain, operate and modernize the DOE/NNSA facilities, infrastructure, and equipment in an effective, energy efficient manner; including disposition of unneeded infrastructure and excess hazardous materials.

CF-5.5 Deliver efficient, effective and responsible business operations, systems and information technology.

CF-5.6 Deliver efficient and effective management of legal risk and incorporation of best legal practices.

CF-5.7 Deliver effective, efficient, and responsive cyber security.

Site Specific Outcome:

SSO 5.1 Execute funded scope in support of Tritium Responsive Infrastructure Modifications (TRIM) Program objectives, including CD-0 support for the Tritium Centric Operations Project (TCOP) line item, per the FY15 Work Authorization and Execution Plan (WAEP).

SSO 5.2 Develop and institutionalize a process based upon formal risk assessment and engineering analysis of facility systems to schedule and manage strategic investment for the Tritium Facility. The process will ensure sustainment of facility capabilities and staff competencies to meet long-term Enterprise mission requirements.

SSO 5.3 Improve the overall efficiency and effectiveness of the conduct of operations and maintenance programs by fully implementing the SRTE Operational Excellence Plan (SRNS-RP-2009-01039, Rev. 3)
PO-6: Leadership - (At-Risk Fee: 10%)

Successfully demonstrate leadership in supporting the direction of the overall DOE/NNSA mission, improving safety culture, the responsiveness of the SRNS leadership team to issues and opportunities for continuous improvement internally and across the Enterprise, and parent company involvement/commitment to the overall success of the plant and the Enterprise.

Contributing Factors:

CF-6.1 Define and implement a realistic strategic vision for the plant, in alignment with the NNSA Strategic Plan, which demonstrates enterprise leadership and effective collaborations across the NNSA enterprise to ensure DOE/NNSA success.

CF-6.2 Promote a culture of critical self-assessment and transparency across all areas; instill a culture of accountability, responsibility, safety and performance through the entire organization; and coordinate/communicate these key issues and concerns to DOE/NNSA leadership.

CF-6.3 Demonstrate performance results through the institutional utilization of the Management Assurance System and the leveraging of parent company resources and expertise.

CF-6.4 Work selflessly within the DOE/NNSA complex to develop, integrate, and implement enterprise solutions that maximize program outputs at best value to the government; identify innovative business and management solutions that greatly improve enterprise-wide efficiencies.

CF-6.5 Exhibit professional excellence in performing roles/responsibilities while pursuing opportunities for continuous learning.
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

SAVANNAH RIVER Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

1. AMENDMENT/MODIFICATION NO. 0506
2. EFFECTIVE DATE 09/30/2014
3. REQUISITION/PURCHASE REQ. NO. 14EM003274
4. PROJECT NO. (If applicable)

5. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

6. ISSUED BY CODE 00901

7. ADMINISTERED BY (If other than Item 6) CODE

SAVANNAH RIVER Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

9. ISSUED BY CODE 00901

10. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

11. AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

11A. AMENDMENT OF SOLICITATION NO.

11B. DATED (SEE ITEM 11)

11C. MODIFICATION OF CONTRACT/ORDER NO.

11D. DATED (SEE ITEM 13)

11E. CODE 01/10/2008

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Decrease: -$207,718.03

13. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 6 and 15, and returning separate letter or telegram which includes a reference to the solicitation and amendment number.

FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

14. DESCRIPTION OF AMENDMENT/MODIFICATION

☐ The purpose of this modification is to de-obligate funds from CLIN 0001, (Department of Energy (DOE)) in the amount of (-$207,718.03) are hereby de-obligated from CLIN 0001, thereby decreasing it from $5,692,792,568.70 to $5,692,584,850.67, in accordance with SRNS FINPLAN 24.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,092,520,912.53 to $7,092,313,194.50.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print) L.C. Clevinger II
Manager, Contracts

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED 9/30/14

15D. UNITED STATES OF AMERICA

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett

16B. DATE SIGNED 9/30/14

STANDARD FORM 30 (REV. 10-89)

NSN 7540-01-152-8070

Previous edition unusable

Prescribed by GSA

FAR (48 CFR) 53.243
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<td>(C)</td>
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FOB: Destination
B. The contract estimated value and all other terms and conditions remain unchanged.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

NSN 7549-01-152-0670
Previous edition unused

STANDARD FORM 36 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SIGNATURES

NSN 7549-01-152-0670
Previous edition unusable

STANDARD FORM 36 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SIGNATURES

NSN 7549-01-152-0670
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STANDARD FORM 36 (REV. 10-83)
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FAR (48 CFR) 53.243

SIGNATURES

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STANDARD FORM 36 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SIGNATURES
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FOB: Destination
1. **AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>10A. MODIFICATION OF CONTRACT/ORDER NO.</th>
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<table>
<thead>
<tr>
<th>10B. DATED (SEE ITEM 13)</th>
<th></th>
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<tbody>
<tr>
<td>01/10/2008</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers</td>
<td></td>
</tr>
<tr>
<td>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:</td>
<td></td>
</tr>
<tr>
<td>(a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.</td>
<td></td>
</tr>
<tr>
<td>FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.</td>
<td></td>
</tr>
<tr>
<td>If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12. ACCOUNTING AND APPROPRIATION DATA (If required)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No Change to Accounting and Appropriation Data</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Check One:</td>
<td></td>
</tr>
<tr>
<td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td>
<td></td>
</tr>
<tr>
<td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
<td></td>
</tr>
<tr>
<td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
<td></td>
</tr>
<tr>
<td>X Section I, DEAR 970.5211-1 Work Authorization (May 2007)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/cancelled subject matter where feasible.)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A. The purpose of this modification is to incorporate the seven (7) contract work authorizations listed below:</td>
<td></td>
</tr>
<tr>
<td>1) No. HQ1001-15, Rev. 0, for Energy Employees Occupational Illness Compensation Program (EOICPA) (see Attachment 1-A)</td>
<td></td>
</tr>
<tr>
<td>2) No. IN15013-15, Rev. 0, for Energy and Threat (see Attachment 1-B)</td>
<td></td>
</tr>
<tr>
<td>3) No. IN15025-15, Rev. 0, for Energy and Threat (see Attachment 1-C)</td>
<td></td>
</tr>
<tr>
<td>4) No. IN15035-15, Rev. 0, for Energy and Threat (see Attachment 1-D)</td>
<td></td>
</tr>
<tr>
<td>5) No. 89X0319-15, Rev 0, for Fuel Cycle Technologies (see Attachment 1-E)</td>
<td></td>
</tr>
<tr>
<td>6) No.410003-WIPP-15, Rev. 0, for SRNL Technical Support - WIPP (see Attachment 1-F)</td>
<td></td>
</tr>
<tr>
<td>7) No. WW-41003-15, Rev 0, for Wind and Hydropower Tech Program (see Attachment 1-G)</td>
<td></td>
</tr>
<tr>
<td>Continued ...</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>15A. NAME AND TITLE OF SIGNER (Type or print)</th>
<th>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</th>
</tr>
</thead>
<tbody>
<tr>
<td>James Lovett</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>15B. CONTRACTOR/OFFEROR</th>
<th>15C. DATE SIGNED</th>
<th>16B. UNITED STATES OF:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>15D. SIGNATURE OF PERSON AUTHORIZED TO SIGN</th>
<th>16C. DATE SIGNED</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Signature of person authorized to sign)</td>
<td>10/16/2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NSN 7540-01-152-8070</th>
<th>Prescribed by GSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Previous edition unused</td>
<td>FAR (48 CFR) 53.243</td>
</tr>
</tbody>
</table>

FAR (Federal Acquisition Regulation) 30 (Rev. 10-83)
Funds were previously allocated by separate modification, reference SRNS Financial Plan #1, for Fiscal Year 2015 (applicable pages of the FINPLAN are provided as Attachment 1-H).

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
The purpose of this modification is to incorporate the two (2) contract work authorizations listed below, and confirm that no signature is required by the Contractor under Modification 0501 issued 10/01/2014 (reference contract work authorizations). Accordingly the following applies:

A. As stated above the two contract work authorizations listed below are incorporated under the Contract:

1) No. KC/SR1/5-15, Rev. 0, for Basic Energy Sciences - Energy Frontier Research Centers (see Attachment 1-A)
2) No. RH0301-15, Rev 0, for Classification Resource (see Attachment 1-B)

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED
10/23/2008
Funds were previously allocated by separate modification, reference SRNS Financial Plan #1, for Fiscal Year 2015 (applicable pages of the FINPLAN are provided as Attachment 1-C).

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated Funds)), in accordance with SRNS FINPLAN No. 2 for FY 2015. Funds in the amount of $62,312.98 are hereby obligated to CLIN 0001, thereby increasing it from $5,863,661,701.23 to $5,863,724,014.21.

As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,263,390,045.06 to $7,263,452,358.04.

The contract estimated value and all other terms and conditions remain unchanged.

Continued...

15A. NAME AND TITLE OF SIGNER (Type or print) 
Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

15D. UNITED STATES OF AMERICA

15E. DATE SIGNED

15F. SIGNATURE OF CONTRACTING OFFICER

15G. SIGNATURE OF CONTRACTOR

STANDARD FORM 30 (REV. 10-83) 
Prescribed by GSA 
FAR (48 CFR) 53.243
<table>
<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>FOB: Destination</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. AMENDMENT/MODIFICATION NO.</td>
<td>3. EFFECTIVE DATE</td>
<td>4. REQUISITION/PURCHASE REQ. NO.</td>
<td>5. PROJECT NO. (if applicable)</td>
<td>6. ISSUED BY</td>
<td>7. ADMINISTERED BY (if other than Item 6)</td>
</tr>
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<td>0511</td>
<td>11/18/2014</td>
<td>158M000280</td>
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</table>

**SAVANNAH RIVER OPERATIONS**

U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

**SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC**

Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

**CODE** 798861048
**FACILITY CODE** 05801

**11A. AMENDMENT OF SOLICITATION NO.**

**9B. DATED (SEE ITEM 11)***

**10A. MODIFICATION OF CONTRACT/OFFER NO.**

**DE-AC09-08SR22470**

**10B. DATED (SEE ITEM 13)**

**01/10/2008**

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ is extended ☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

**12. ACCOUNTING AND APPROPRIATION DATA (if required)**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>12A</td>
<td>Net Increase: $1,530,472.07</td>
</tr>
</tbody>
</table>

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE:**

☐ A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B THE ABOVE NUMBERED CONTRACT/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D OTHER (Specify type of modification and authority)

X Clause I.53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

**E. IMPORTANT:**

Contractor ☐ is not ☐ is required to sign this document and return copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION**

Organized by UCF section headings, including solicitation/contract subject matter where feasible.

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 3 for FY 2015. Funds in the amount of $1,530,472.07 are hereby obligated to CLIN 0001, thereby increasing it from $5,863,724,014.21 to $5,865,254,486.28.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,263,452,358.04 to $7,264,982,830.11.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

**15A NAME AND TITLE OF SIGNER (Type or print)**

Angela S. Morton

**15C DATE SIGNED**

11/18/2014

**16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

Angela S. Morton

**16C DATE SIGNED**

11/18/2014

NSN 7540-01-152-6070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 52.243
<table>
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<tr>
<th>ITEM NO</th>
<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
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FOB: Destination
A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated Funds) in accordance with SRNS FINPLAN No. 3 for FY 2015. Funds in the amount of $297,686.38 are hereby obligated to CLIN 0001, thereby increasing it from $5,865,254,486.28 to $5,865,552,172.66.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,264,982,830.11 to $7,265,280,516.49.

C. The contract estimated value and all other terms and conditions remain unchanged.
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,265,280,516.49, includes obligation of $297,686.38 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $297,686.38 for a cumulative total of $359,999,36 to-date for FY 2015.

FOB: Destination

<table>
<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
</tr>
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</table>

OPTIONAL FORM 336 (4-88)
Sponsored by GSA
FAR 48 CFR 53.110
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
<thead>
<tr>
<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (if applicable)</th>
<th>6. ISSUED BY</th>
<th>7. ADMINISTERED BY (if other than Item 6)</th>
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<td></td>
<td>0513</td>
<td>11/18/2014</td>
<td>15EM002080</td>
<td></td>
<td>Savannah River Operations</td>
<td>00901</td>
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</tbody>
</table>

**Savannah River Operations**
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

**SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC**
Attn: LLOYD CLEAVINGER
203 LAURENS ST SW
AIKEN SC 29801

**CODE**: 798861048
**FACILITY CODE**: 01/10/2008

8. NAME AND ADDRESS OF CONTRACTOR(No., street, county, State and ZIP Code)

<table>
<thead>
<tr>
<th>9A. AMENDMENT OF SOLICITATION NO.</th>
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<tbody>
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</tbody>
</table>

**SAVANNAH RIVER NU CL EAR SOLUTIONS , LLC**
Attn: LLOYD CLEAVINGER
203 LAURENS ST SW
AIKEN SC 29801

**CODE**: 798861048
**FACILITY CODE**: 01/10/2008

**10A. MODIFICATION OF CONTRACT/ORDER NO.**

DE-AC09-08SR22470

**10B. DATED (SEE ITEM 13)**

01/10/2008

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended.

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (if required)**

| Net Increase: | $17,536.58 |

**13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE:

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ OTHER (Specify type of modification and authority)

☐ Clause I.53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency Funds) in accordance with SRNS FINPLAN No. 3 for FY 2015, as cited below:

1) Department of Justice: (-$73,252.00)
2) Department of State: $16,504.85
3) NO TAS OR TAS AT SELECTED: $89,221.00
4) Other: (-$14,937.27)

Funds in the amount of $17,536.58 are hereby obligated to CLIN 0001, thereby increasing it from $5,865,254,486.28 to $5,865,552,172.66.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**

Angela S. Morton

**15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)**

**15C. DATE SIGNED**

11/18/2014

**15D. UNITED STATES OF AMERICA (Signature of Contracting Officer)**

**16. DATE SIGNED**

11/18/2014

**STANDARD FORM 30 (REV. 10-83)**

Prescribed by OSA
FAR (48 CFR) 53 243
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,265,280,516.49 to $7,265,298,053.07.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
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<tbody>
<tr>
<td>(A)</td>
<td>(B)</td>
<td>(C)</td>
<td>(D)</td>
<td>(E)</td>
<td>(F)</td>
</tr>
</tbody>
</table>
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: 0514

2. AMENDMENT/MODIFICATION NO.: 3

3. EFFECTIVE DATE: 11/24/2014

4. REQUISITION/PURCHASE REQ. NO.: (If applicable)

5. PROJECT NO.: (If applicable)

6. ISSUED BY CODE: 00901

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY CODE: (If other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, city, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

9. AMENDMENT OF SOLICITATION NO.

10. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

No Change to Accounting and Appropriation Data

12. ACCOUNTING AND APPROPRIATION DATA (If required)

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to incorporate the four (4) contract work authorizations listed below:

1) No. HQ091101-15, Rev. 0, for Advanced Simulation Capability for Environmental Management (see Attachment 1-A)
2) No. HI-410003-15, Rev 0, for Fuel Cell Technologies Office (see Attachment 1-B)
3) No. 410003-TS-15, Rev 0, for SRNL Technical Support - LFRG (see Attachment 1-C)
4) No. HQTD1000-15, Rev 0, for Technical Planning, Intergration and Risk Management (see Attachment 1-D)

Funds were previously allocated by separate modification, reference SRNS Financial Plan #3, Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

James Lovett

15B. CONTRACTOR/OFFEROR

NSN 7540-01-152-8070

Previous edition unusable

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

STANDARD FORM 30 (REV. 10-83)

Prepared by GSA

FAR (48 CFR) 53.243

(Signature of person authorized to sign)

(Signature of Contracting Officer)
for Fiscal Year 2015 (applicable pages of the FINPLAN are provided as Attachment 1-E).

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

<table>
<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
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Optional Form 336 (4-96)
Sponsored by GSA
FAR 48 CFR 53.110
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing items 8 and 15, and returning □ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted , or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA

☐ No Change to Accounting and Appropriation Data

☐ 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/OFFER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT

☐ ORDER NO. IN ITEM 10A

☐ B. THE ABOVE NUMBERED CONTRACT/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☐ X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT: Contractor ☐ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to incorporate the two (2) contract work authorizations listed below:

1) No. 410003-WIPP-15, Rev. 1, for SRNL Technical Support - WIPP (see Attachment 1-A)

2) No. WW-41003-15, Rev 1, for Wind and Hydropower Tech Program (see Attachment 1-B)

Funds were previously allocated by separate modification, reference SRNS Financial Plan #3, for Fiscal Year 2015 (applicable pages of the FINPLAN are provided as Attachment 1-C)

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007)

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Items 9A or 10A, as hereinafter changed, remains unchanged and in full force and effect

15A NAME AND TITLE OF SIGNER (Type or print)

James Lovett

15B CONTRACTOR/OFFEROR

15C DATE SIGNED

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B UNITED STATES OF AMERICA

16C DATE SIGNED

NSN 7540-01-152-8070

Preceded by GSA

STANDARD FORM 30 (REV 10-03)

Prescribed by GSA

FAR (48 CFR) 53 243
Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

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<th>ITEM NO.</th>
<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
<th>UNIT</th>
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0516
3. EFFECTIVE DATE 12/22/2014
4. REQUISITION/PURCHASE REQ. NO. 15EM000498
5. PROJECT NO. (if applicable)

6. ISSUED BY
CODE 00901

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (if other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 29801-2421

CODE 798861048

9A. AMENDMENT OF SOLICITATION NO.
9B. DATED (SEE ITEM 11)
9A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC02-06SR22470
9B. DATED (SEE ITEM 13)
01/10/2008

10A. MODIFICATION OF CONTRACT/ORDER NO.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing items 8 and 15, and returning _______ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

See Schedule

Net Increase: $55,643,428.95

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
☐ B. OTHER (Specify type of modification and authority)

X Clause I.53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate the following:

(a) Correct clerical error under Mod 0513 amount obligated (reference FINPLAN #3), and
(b) Obligate FY 2015 funds in accordance with FINPLAN #5.

Accordingly, the following applies:

A. Under Modification No. 0513, the amount in Section 14(A), last sentence on page 1 should read, "Funds in the amount of $17,536.58 are hereby obligated to CLIN 0001, thereby increasing it from $5,865,552,172.66 to $5,865,569,709.24."

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Marie A. Garvin

15B. CONTRACTOR/OFFEROR

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Marie A. Garvin

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

NSN 7540-01-152-0070
Previous edition unusable

STANDARD FORM 30 (REV. 10/63)
Prescribed by GSA
FAR (48 CFR) 53.243
B. In accordance with FINPLAN No. 5, Department of Energy (DOE) funds in the amount of $55,643,428.95 are hereby obligated to CLIN 0001, thereby increasing it from $5,865,569,709.24 to $5,921,213,138.19.

C. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,265,298,053.07 to $7,320,941,482.02.

D. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO.
0517

3. EFFECTIVE DATE
12/23/2014

4. REQUISITION/PURCHASE REQ. NO.
15EM000498

5. PROJECT NO. (if applicable)

6. ISSUED BY CODE
00901

7. ADMINISTERED BY (if other than item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9A. AMENDMENT OF SOLICITATION NO.
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9B. DATED (SEE ITEM 11)
01/10/2008

10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)
Net Increase: $266,834.31

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X Clause I.53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E. IMPORTANT: Contractor ☐ is not ☐ is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated Funds) in accordance with SRNS FINPLAN No. 5 for FY 2015. Funds in the amount of $266,834.31 are hereby obligated to CLIN 0001, thereby increasing it from $5,921,213,138.19 to $5,921,479,972.50.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,320,941,482.02 to $7,321,208,316.33.

C. The contract estimated value and all other terms and conditions remain unchanged.
Continued ...

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV 10-03)
Prepared by GSA
FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,321,208,316.33, includes obligation of $266,834.31 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $266,834.31 for a cumulative total of $626,833.67 to-date for FY 2015.

FOB: Destination

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NSN 7540-01-152-8067

OPTIONAL FORM 336 (4-86)
Sponsored by GSA
FAR (48 CFR) 53.110
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)
0518 12/23/2014 15EM000498

6. ISSUED BY CODE 7. ADMINISTERED BY (If other than item 6) CODE
Savannah River Operations 00901
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9A. AMENDMENT OF SOLICITATION NO.
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11A. AMENDMENT OF SOLICITATION NO.

11B. DATED (SEE ITEM 11)

11C. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470

11D. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS.
☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers ☐ is extended. ☐ is not extended
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
Net Increase: $3,939,778.24

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 5 for FY 2015, as cited below:

1) Department of Homeland Security: $70,500.00
2) Department of Justice: ($26,721.76)
3) NO TAS OR TAS AI SELECTED: $896,000.00
4) Other: $3,000,000.00

Funds in the amount of $3,939,778.24 are hereby obligated to CLIN 0001, thereby increasing it from $5,921,479,972.50 to $5,925,419,750.74.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as hereinafter changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
James Lovett

15B. CONTRACTOR/OFFEROR
NSN 7540-01-152-8070

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

Preceded by GSA
FAR (48 CFR) 52.243
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,321,208,316.33 to $7,325,148,094.57.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination

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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
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<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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B.

C.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2 AMENDMENT/MODIFICATION NO. 0519
3 EFFECTIVE DATE 01/14/2015
6 ISSUED BY CODE 00901
8 NAME AND ADDRESS OF CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVENGER
203 LAURENS ST SW
AIKEN SC 29801-1242

9 NAME AND ADDRESS OF CONTRACTOR (No. state, county, and zip code)

10A AMENDMENT OF SOLICITATION NO. DE-AC09-08SR22470
10B DATED (SEE ITEM 13) 01/10/2008

10C MODIFICATION OF CONTRACT/ORDER NO.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. ☐ is not extended. ☐
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning copies of this amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (If required)
No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
☐ X Section I, DEAR 970.5211-1 Work Authorization (May 2007)
☐ OTHER (Specify type of modification and authority)

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to incorporate the two (2) contract work authorizations listed below:
1) No. SL-410003-15, Rev. 0, for Solar Energy (see Attachment 1-A)
2) No. 410003-TS-15, Rev. 1, for SRNL Technical Support (see Attachment 1-B)

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007)

15A NAME AND TITLE OF SIGNER (Type or print)
James Lovett

15B CONTRACTOR/OFFEROR

15C DATE SIGNED

15D NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16A NAME AND TITLE OF SIGNING OFFICER (Type or print)

16B UNITED STATES OF AMERICA

16C DATE SIGNED

NNS 7540-01-152-6070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 24.243
Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO 0520
3. EFFECTIVE DATE 01/26/2015
4. REQUISITION/PURCHASE REQ. NO. 15EM000721
5. PROJECT NO. (If applicable) [ ]

6. ISSUED BY

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (If other than item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9A. AMENDMENT OF SOLICITATION NO [X]
9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO DE-AC09-08SR22470
10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 6 and 15, and returning copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted. (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.
Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $54,402,842.02

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/OFFER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/OFFER ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ OTHER (Specify type of modification and authority)

☐ DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings; including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 7 for FY 2015. Funds in the amount of $54,402,842.02 are hereby obligated to CLIN 0001, thereby increasing it from $5,925,419,750.74 to 5,979,822,592.76.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,325,148,094.57 to 7,379,550,936.59.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFER OR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. CONTRACTOR/OFFER OR

16C. DATE SIGNED

United States of America

11/12/2015

(1) STANDARD FORM 30 (REV 10-83)

Prescribed by: GSA

80 CFR 53.343
NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

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FOB: Destination
2. AMENDMENT/MODIFICATION NO. 0521
3. EFFECTIVE DATE 01/26/2015
4. REQUISITION/PURCHASE REQ. NO. 15EM000721
5. PROJECT NO. (If applicable)
6. ISSUED BY
   CODE 00901
   Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)
   SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
   Attn: LLOYD CLEVINGER
   203 LAURENS ST SW
   AIKEN SC 29801-2421

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470
10B. DATED (SEE ITEM 13) 01/10/2008

12. ACCOUNTING AND APPROPRIATION DATA (If required)
   Net Increase: $2,964,339.18

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
   A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated)) in accordance with SRNS FINPLAN No. 7 for FY 2015. Funds in the amount of $2,964,339.18 are hereby obligated to CLIN 0001, thereby increasing it from $5,979,822,592.76 to $5,982,786,931.94.

   B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $73,579,822,592.78 to $73,582,515,275.77.

   C. The contract estimated value and all other terms and conditions remain unchanged.

15A. NAME AND TITLE OF SIGNER (Type or print)
   James Lovett

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
   Prescribed by GSA
   FAR (48 CFR) 53.243

NSN 7540-01-152-6070
Previous edition unusable
STANDARD FORM 30 (REV 10-83)

NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,382,515,275.77, includes obligation of $2,964,339.18 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $2,964,339.18 for a cumulative total of $3,591,172.85 to-date for FY 2015.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: 0522
2. AMENDMENT/MODIFICATION NO.: 01/26/2015
3. EFFECTIVE DATE: 01/26/2015
4. REQUISITION/PURCHASE REQ. NO.: 15EM000721
5. PROJECT NO. (If applicable):
6. ISSUED BY CODE: 00901
7. ADMINISTERED BY (If other than item 6) CODE:

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (Name, street, city, State and ZIP Code):

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9A. AMENDMENT OF SOLICITATION NO.:

DE-AC09-08SR22470

9B. DATED (SEE ITEM 11):
10A. MODIFICATION OF CONTRACT/ORDER NO.:

10B. DATED (SEE ITEM 13):

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14
☐ is extended.
☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 6 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Decrease: -$477,029.16

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE:
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority)
   THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT
   ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to de-obligate funds from CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 7 for FY 2015, as cited below:

1) Department of Defense: $7,556.09
2) Department of Homeland Security: (-$500,000.00)
3) Department of Justice: (-$1,090.10)
4) Department of State: $16,504.85

The total amount of funds de-obligated is (-$477,029.16), thereby decreasing it from $5,982,786,931.94 to $5,982,309,902.78.

Continued ...

Exempt as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as hereofore changed, remains unchanged and is in full force and effect.

15A. NAME AND TITLE OF SIGNING OFFICER (Type or print):

Contracts Management

John W. Hample, Senior Vice President

15B. CONTRACTING OFFICER:

15C. DATE SIGNED:

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print):

James Lovett

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED:

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 41 (REV. 10-82)
Prepared by GSA
FAR (48 CFR) 53.243
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,382,515,275.77 to $7,382,038,246.61.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0523
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/ PURCHASE REQ. NO. 15EM000791
5. PROJECT NO. (if applicable) 

6. ISSUED BY Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

7. ADMINISTERED BY (if other than Item 6) 

8. NAME AND ADDRESS OF CONTRACTOR (no. street, city, state and zip)
   SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
   Attn: LLOYD CLEVINER
   210 LAURENS ST SW
   AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO. 00901

9B. DATED (SEE ITEM 11) 01/10/2008

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

10B. DATED (SEE ITEM 13) 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers □ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods: (a) By completing Items 8 and 15, and resuming the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or telegram, provided each letter or telegram bears reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

☐ This change order is issued pursuant to: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.10(b).

☐ This supplemental agreement is entered into pursuant to authority of:

☐ OTHER (Specify type of modification and authority)

X DEAR 970.5243-1 Changes (Dec 2000)

E. IMPORTANT: Contractor [X rot.] ☐ is required to sign this document and return copies to the issuing office.

F. IMPORTANCE: Contractor [X rot.] ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

The purpose of this Requisition is to delete Section H Clause H-56 Workers' Compensation Insurance and replace it with a new H-56 Risk Management and Insurance Programs.

A. The purpose of this modification is to hereby deletes the existing H-56 clause (Workers' Compensation insurance) in its entirety under Part I - The Schedule, Section H - Special Contract Requirements in accordance with guidelines outlined in Acquisition Letter No AL-2015-02, dated June 28, 2013. Accordingly, hereby replaced it with a new H-56 clause (Risk Management and Insurance Programs) on pages 2 through 4, of this modification:

B. All other terms and conditions remain unchanged.

November 24, 2014

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF SIGNER (Type or print)
   James Lovett

16B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15A. CONTRACTOR/OFFEROR

15C. DATE SIGNED 01/30/2015

16C. DATE SIGNED

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prepared by GSA

FAR (49 CFR) 52.243
H-56, RISK MANAGEMENT AND INSURANCE PROGRAMS

Contractor officials shall ensure that the requirements set forth below are applied in the establishment and administration of DOE-funded prime cost reimbursement contracts for management and operation of DOE facilities and other designated long-lived onsite contracts for which the contractor has established separate operating business units.

1. BASIC REQUIREMENTS

   a. Maintain commercial insurance or a self-insured program, (i.e., any insurance policy or coverage that protects the contractor from the risk of legal liability for adverse actions associated with its operation, including malpractice, injury, or negligence) as required by the terms of the contract. Types of insurance include automobile, general liability, and other third party liability insurance. Other forms of coverage must be justified as necessary in the operation of the Department facility and/or the performance of the contract, and approved by the DOE.

   b. Contractors shall not purchase insurance to cover public liability for nuclear incidents without DOE authorization (See DEAR 970.5070, Indemnification, and DEAR 950.70, Nuclear Indemnification of DOE Contractors).


   d. Demonstrate that the insurance program is being conducted in the government's best interest and at reasonable cost.

   e. The contractor shall submit copies of all insurance policies or insurance arrangements to the Contracting Officer no later than 30 days after the purchase date unless an extension is approved by the Contracting Officer.

   f. When purchasing commercial insurance, the contractor shall use a competitive process to ensure costs are reasonable.

   g. Ensure self-insurance programs include the following elements:

      (1) Compliance with criteria set forth in FAR 28.308, Self-Insurance. Approval of self-insurance is predicated upon submission of verifiable proof that the self-insurance charge does not exceed the cost of purchased insurance. This includes hybrid plans (i.e., commercially purchased insurance with self-insured retention (SIR) such as large deductible, matching deductible, retrospective rating cash flow plans, and other plans where insurance reserves are under the control of the
insured). The SIR components of such plans are self-insurance and are subject to the approval and submission requirements of FAR 28.308, as applicable.

(2) Demonstration of full compliance with applicable state and federal regulations and related professional administration necessary for participation in alternative insurance programs.

(3) Safeguards to ensure third party claims and claims settlements are processed in accordance with approved procedures.

(4) Accounting of self-insurance charges.

(5) Accrual of self-insurance reserve. The Contracting Officer's approval is required and predicated upon the following:

(a) The claims reserve shall be held in a special fund or interest bearing account.

(b) Submission of a formal written statement to the Contracting Officer stating that use of the reserve is exclusively for the payment of insurance claims and losses, and that DOE shall receive its equitable share of any excess funds or reserve.

(c) Annual accounting and justification as to the reasonableness of the claims reserve submitted for Contracting Officer's review.

(d) Claim reserves, not payable within the year the loss occurred, are discounted to present value based on the prevailing Treasury rate.

h. Separately identify and account for interest cost on a Letter of Credit used to guarantee self-insured retention, as an unallowable cost and omitted from charges to the DOE contract.

i. Comply with the Contracting Officer's written direction for ensuring the continuation of insurance coverage and settlement of incurred and/or open claims and payments of premiums owed or owing to the insurer for prior DOE contractors.

2. PLAN EXPERIENCE REPORTING. The Contractor shall:

a. provide the Contracting Officer with annual experience reports for each type of insurance (e.g., automobile and general liability), listing the following for each category:

(1) The amount paid for each claim.

(2) The amount reserved for each claim.

(3) The direct expenses related to each claim.
(4) A summary for the year showing total number of claims.

(5) A total amount for claims paid.

(6) A total amount reserved for claims.

(7) The total amount of direct expenses.

b. provide the Contracting Officer with an annual report of insurance costs and/or self-insurance charges. When applicable, separately identify total policy expenses (e.g., commissions, premiums, and costs for claims servicing) and major claims during the year, including those expected to become major claims (e.g., those claims valued at $100,000 or greater).

c. provide additional claim financial experience data as may be requested on a case-by-case basis.

3. TERMINATING OPERATIONS. The Contractor shall:

   a. ensure protection of the government's interest through proper recording of cancellation credits due to policy terminations and/or experience rating.

   b. identify and provide continuing insurance policy administration and management requirements to a successor, other DOE contractor, or as specified by the Contracting Officer.

   c. reach agreement with DOE on the handling and settlement of self-insurance claims incurred but not reported at the time of contract termination; otherwise, the contractor shall retain this liability.

4. SUCCESSOR CONTRACTOR OR INSURANCE POLICY CANCELLATION.

   The Contractor shall:

   a. obtain the written approval of the Contracting Officer for any change in program direction; and

   b. ensure insurance coverage replacement is maintained as required and/or approved by the Contracting Officer.
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
<thead>
<tr>
<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (if applicable)</th>
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<th>7. ADMINISTERED BY (if other than item 6)</th>
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**SAVANNAH RIVER OPERATIONS**

U.S. Department of Energy

P.O. Box A

Aiken SC 29802

**REQUISITION/PURCHASE REQ. NO.**

524 02/03/2015

**ISSUED BY CODE**

00901

**ADMINISTERED BY CODE**

**NAME AND ADDRESS OF CONTRACTOR** (No., street, county, State and Zip Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

Attn: LLOYD CLEVINGER

203 LAURENS ST SW

Aiken SC 298012421

**AMENDMENT OF SOLICITATION NO.**

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ttn: LLOYD CLEVINGER

SB. DATED (SEE ITEM 11)

03 LAURENS ST SW

Aiken SC 298012421

**MODIFICATION OF CONTRACT/ORDER NO.**

DE-AC09-08SR22470

DATED (SEE ITEM 13)

01/10/2008

**ACCOUNTING AND APPROPRIATION DATA (if required)**

No Change to Accounting and Appropriation Data

**DESCRIPTION OF AMENDMENT/MODIFICATION**

A. The purpose of this modification is to incorporate Performance Evaluation Measurement Plan (PEMP), Rev. 1, for the period October 1, 2014 through September 30, 2015. The attached PEMP concurrence is granted with contingency that two technical comments on the number of batches of Materials Testing will be addressed in revision 2, reference Memorandum, Head of Contracting Activity, Office of Environmental Management, dated January 29, 2015. Previous edition of the FY 2015 PEMP is hereby superseded and replaced with Revision 1, effective February 2, 2015, copy attached hereto.

B. All other terms and conditions remain unchanged.

**NAME AND TITLE OF SIGNER** (Type or print)

James Lovett

**DATE SIGNED**

03/03/15

**NAME AND TITLE OF CONTRACTING OFFICER** (Type or print)

James Lovett

**DATE SIGNED**

03/03/15

**SIGNATURE OF PERSON AUTHORIZED TO SIGN**

[Signature]

**SIGNATURE OF CONTRACTING OFFICER**

[Signature]

**STANDARD FORM 30 (Revised 10-83)**

NSN 7540-01-152-0070

Previous edition usable

Prescribed by GSA

FAR (48 CFR) 53 243
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<th>4. REQUISITION/PURCHASE REQ. NO.</th>
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<th>6. ISSUED BY</th>
<th>7. ADMINISTERED BY (if other than item 6)</th>
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- **Savannah River Operations**
- **U.S. Department of Energy**
- **Savannah River Operations**
- **P.O. Box A**
- **Aiken SC 29802**

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

**SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC**

Att: LLOYD CLEVINGER

203 LAURENS ST SW

AIKEN SC 298012421

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required) No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACTOR NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X Section 1, DEAR 970.5211-1 Work Authorization (May 2007)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate the ten (10) contract work authorizations listed below:

1) No. KC/SR1/5-15, Rev. 1, Basic Energy Sciences - Energy Frontier Research Centers (see Attachment 1-A)
2) No. KC/SR1/5-15, Rev 2, Basic Energy Sciences - Energy Frontier Research Centers (See Attachment 1-B)
3) No. IN15013-15, Rev 1, Energy and Threat (See Attachment 1-C)
4) No. IN15013-15, Rev 2, Energy and Threat (See Attachment 1-D)
5) No. IN15025-15, Rev 1, Energy and Threat (See Attachment 1-E)
6) No. IN15035-15, Rev 1, Energy and Threat (See Attachment 1-F)
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

James Lovett

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED 2/17/15

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

JAMES R. KENT

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED 2/17/15

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-63)

Prescribed by GSA

FAR (48 CFR) 52.243
### Supplies/Services

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<th>Supplies/Services</th>
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<tr>
<td>7)</td>
<td>No. IN15035-15, Rev 2, Energy and Threat  (See Attachment 1-G)</td>
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<td>8)</td>
<td>No. IN15035-15, Rev 3, Energy and Threat  (See Attachment 1-H)</td>
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<td>9)</td>
<td>No. 89X0319-15, Rev 1, Fuel Cycle Technologies (See Attachment 1-I)</td>
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<tr>
<td>10)</td>
<td>No. WW-410003-15, Rev 2, for Wind and Hydropower Tech Program (see Attachment 1-J)</td>
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Funds were previously allocated by separate modification, reference SRNS Financial Plan number #5 and 7, for Fiscal Year 2015 (applicable pages of the FINPLAN are provided as Attachment 1-K).

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. **CONTRACT ID CODE**

2. **AMENDMENT/MODIFICATION NO.**
   - 0526

3. **EFFECTIVE DATE**
   - 02/04/2015

4. **REQUISITION/PURCHASE REQ. NO.**

5. **PROJECT NO. (If applicable)**

6. **ISSUED BY CODE**
   - 00901

7. **ADMINISTERED BY (If other than Item 6) CODE**

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. **NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)**

   SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
   Attn: LLOYD CLEVINGER
   203 LAURENS ST SW
   AIKEN SC 29801-2421

9. **AMENDMENT OF SOLICITATION NO.**

   DE-AC09-08SR22470

10. **MODIFICATION OF CONTRACT/ORDER NO.**

11. **DATED (SEE ITEM 11)**

   01/10/2008

12. **ACCOUNTING AND APPROPRIATION DATA (If required)**

   No Change to Accounting and Appropriation Data

13. **THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

   A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
   B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
   C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
   D. OTHER (Specify type of modification and authority)
   X DEAR 970.5243-1 Changes (Dec 2000)

E. **IMPORTANT:**
   - Contractor [ ] is not [ ] required to sign this document and return [ ] copies to the issuing office

14. **DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)**

   A. The purpose of this modification is to incorporate revision under Section J - List of Attachments. Appendix D, Key Personnel is hereby superseded, and replaced with attachment 1 hereto.

   B. The contract estimated value and all other terms and conditions remain unchanged.

15A. **NAME AND TITLE OF SIGNER (Type or print)**

   James Lovett

15B. **CONTRACTOR/OFFEROR**

15C. **DATE SIGNED**

16A. **NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

16B. **UNITED STATES OF AMERICA**

16C. **DATE SIGNED**

NSN 7540-01-152-6070

Previous edition unusable

STANDARD FORM 32 (REV 10-83)

Prepared by GSA

FAR (48 CFR) 53.243
**PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS**

**SECTION J – LIST OF ATTACHMENTS**

**APPENDIX D**

**KEY PERSONNEL**

Pursuant to the clause entitled “Key Personnel,” the following positions are considered to be essential to work being performed. (Mod 0526)

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Johnson, Carol A.</td>
<td>President and Chief Executive Officer</td>
</tr>
<tr>
<td>Dohse, Fred</td>
<td>Executive Vice President and Chief Operating Officer</td>
</tr>
<tr>
<td>Michalske, Terry A.</td>
<td>Executive Vice President &amp; Laboratory Director- Savannah River National Laboratory</td>
</tr>
<tr>
<td>Eyler, David E.</td>
<td>Senior Vice President &amp; Deputy Laboratory Director- Savannah River National Laboratory</td>
</tr>
<tr>
<td>Spangler, Robert (Wallis)</td>
<td>Senior Vice President - NNSA Operations &amp; Programs</td>
</tr>
<tr>
<td>Clark, Wyatt C.</td>
<td>Senior Vice President – Environmental Management Operations</td>
</tr>
<tr>
<td>Curtis, Jennifer</td>
<td>Senior Vice President &amp; General Counsel</td>
</tr>
<tr>
<td>Doswell, Alice C.</td>
<td>Senior Vice President, Environment, Safety, Health &amp; ACP</td>
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2 AMENDMENT/MODIFICATION NO. 0527
3 EFFECTIVE DATE 02/25/2015
4 REQUISITION/PURCHASE REQ. NO. 1
5 PROJECT NO. (If applicable) 1
6 ISSUED BY Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

7 ADMINISTERED BY (If other than Item 6) 00901

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9A AMENDMENT OF SOLICITATION NO
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

9B. DATED (SEE ITEM 11)

X 10A MODIFICATION OF CONTRACT/ORDER NO
DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)
01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning a copy of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

D. OTHER (Specify type of modification and authority)

X Clause 1.138=DEAR 970.5204-2 Laws, Regulations, and DOE Directives (Dec 2000) (Deviation) (Amendment 003)

E. IMPORTANT: Contractor is not required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to revise and update the list of DOE Directives and Orders applicable to this contract under Section J.

B. Section J - Appendix E - List B/Applicable DOE Directives and Orders (Amendment 003) is deleted in its entirety and is replaced by Section J - Appendix E attached hereto.

C. All other terms and conditions of the contract remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)
James Lovett

15B CONTRACTOR/OFFEROR

15C DATE SIGNED 02/25/2015

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B UNITED STATES OF AMERICA

16C DATE SIGNED

STANDARD FORM 30 (REV 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
Pursuant to the clause in Section I entitled, DEAR 970.5204-2 “Laws, Regulations, and DOE Directives,” the Contractor shall adhere to the ES&H requirements compliance process delineated in the Site Standards/Requirements Identification Document (S/RID). For requirements other than ES&H, the contractor shall adhere to the existing DOE directive requirements that are the basis for established procedures and programs until authorized approvals are obtained to deviate from established requirements. The S/RID, and superseding versions thereof, are hereby incorporated by reference.

The Contracting Officer, or designated representative, may, from time to time via issuance of a Contract Administration Notice (CAN) or other means, revise the ES&H requirements and non ES&H requirements (i.e., List B as referred to in this clause).

The following is the DOE approved List B set of requirements as of 01/26/2015

**SRNS PART III, SECTION J, APPENDIX E – LIST B/APPLICABLE DOE DIRECTIVES AND ORDERS**

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SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

Net Increase: $247,471,599.65

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ Clause 1.53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

D. OTHER (Specify type of modification and authority)

☐ Clause 1.53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation(contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 8 for FY 2015. Funds in the amount of $247,471,599.65 are hereby obligated to CLIN 0001, thereby increasing it from $5,982,309,902.78 to $6,229,781,502.43.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,392,030,246.61 to $7,629,509,846.26.

C. The contract estimated value and all other terms and conditions remain unchanged.

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<table>
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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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**FOB: Destination**
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0529
6. ISSUED BY CODE
   Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

11A. AMENDMENT OF SOLICITATION NO. SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
   Attn: LLOYD CLEVINGER
   203 LAURENS ST SW
   AIKEN SC 298012421

12. ACCOUNTING AND APPROPRIATION DATA (If required)
   Net Increase: $1,093,171.21

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
   X Clause I.53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
   A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated)) in accordance with SRNS FINPLAN No. 8 for FY 2015. Funds in the amount of $1,093,171.21 are hereby obligated to CLIN 0001, thereby increasing it from $6,229,781,502.43 to $6,230,874,673.64.

   B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,629,509,846.26 to $7,630,603,017.47.

   C. The contract estimated value and all other terms and conditions remain unchanged.

15A. NAME AND TITLE OF SIGNER (Type or print)
   James Lovett

15B. CONTRACTOR/OFFEROR
   NSN 7540-01-152-8070
   Previous edition unusable

15C. DATE SIGNED
   02/25/2015

15D. UNITED STATES OF AMERICA

15E. DATE SIGNED
   02/25/15

STANDARD FORM 30 (REV. 10-82)
Prescribed by GSA
FAR (48 CFR) 52.243
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,630,603,017.47, includes obligation of $1,093,171.21 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $1,093,171.21 for a cumulative total of $4,684,344.06 to-date for FY 2015.

FOB: Destination
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801-2421

SAVANNAH RIVER Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 8 for FY 2015, as cited below:

1) Department of Defense: $2,342.39
2) Department of Homeland Security: $1,685,000.00
3) Department of Justice: $86,000.00
4) Department of Transportation: $53,000.00
5) Executive Office of the President: (-$4.06)

The total amount obligated is $1,826,338.33, thereby increasing it from $6,230,874,673.64

James Lovett

Signature of person authorized to sign

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16C DATE SIGNED
to $6,232,701,011.97.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,630,603,017.47 to $7,632,429,355.80.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
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Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (Use street, city, state and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

<table>
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<th>8A. AMENDMENT OF SOLICITATION NO.</th>
<th>8B. DATED (SEE ITEM 11)</th>
<th>8C. MODIFICATION OF CONTRACT ORDER NO.</th>
<th>8D. DATED (SEE ITEM 12)</th>
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9. CODE 798861048 FACILITY CODE
01/10/2008

10. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in Item 14. The time and date specified for receipt of offers ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the time and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 9 and 10 and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE TIME AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such changes may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the time and date specified.

11. ACCOUNTING AND APPROPRIATION DATA (If required)
No Change to Accounting and Appropriation Data

12. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTORS. IT MODIFIES THE CONTRACTOR NO. AS DESCRIBED IN ITEM 14.

A. The purpose of this modification is to incorporate the ten (10) contract work authorizations listed below:

1) No. HQ091101-15, Rev 1, for Advanced Simulation Capability for Environmental Management (See Attachment 1-A)
2) No. HQTD1002-15, Rev 0, for Alternative Waste Pretreatment (See Attachment 1-B)
3) No. SR071801-15, Rev 0, for Center for Sustainable Groundwater and Soil Solutions: Attenuation-Based Remedies for the Subsurface Applied Field Research Initiative (ABRS ARFI) (See Attachment 1-C)
4) No. IN15013-15, Rev 3, for Energy and Threat (See Attachment 1-D)
5) No. IN15035-15, Rev 4, for Energy and Threat (See Attachment 1-E)

Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)
James Lovett

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
James Lovett

16C. DATE SIGNED
2/26/2015

16D. UNITED STATES OF AMERICA

(Signature of person authorized to sign)

STANDARD FORM 30 (REV. 10-83)
Previous edition unsuitable

FAR (48 CFR) 52.243
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<th>ITEM NO. (A)</th>
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<td>6)</td>
<td>No. H1-410003-15, Rev 1, for Fuel Cell Technologies Office (See Attachment 1-F)</td>
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<td>7)</td>
<td>No. SR091701-15, Rev 0, for In Situ Decommissioning Technology Development and Demonstration (See Attachment 1-G)</td>
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<td>8)</td>
<td>No. PC410003, Rev 0, for Packaging and Certification Program and Packaging and Transportation Operations Support (See Attachment 1-H)</td>
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<td>9)</td>
<td>No. RD-410003-15, Rev 0, for R&amp;D Crosscut (See Attachment 1-I)</td>
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<td>No. 410003-TS-15, Rev 2, for SRNL Technical Support (see Attachment 1-J)</td>
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Funds were previously allocated by separate modification, reference SRNS Financial Plan numbers #3, 7 and 8, for Fiscal Year 2015 (applicable pages of the FINPLAN are provided under Attachment 1-K).

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
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<tr>
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Savannah River Operations  
U.S. Department of Energy  
P.O. Box A  
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, city, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVINGER  
203 LAURENS ST SW  
AIKEN SC 298012421

10. AMENDMENT/MODIFICATION OF CONTRACT/ORER NO.  
   DE-AC09-08SR22470  
11. DATED (SEE ITEM 11)  
   01/10/2008

12. ACCOUNTING AND APPROPRIATION DATA (If required)

   No Change to Accounting and Appropriation Data

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

   A. The purpose of this modification is to incorporate the nine (9) contract work authorizations listed below:

   1) No. KC/SR1/5-15, Rev 3, for Basic Energy Sciences - Energy Frontier Research Centers (see Attachment 1-A)  
   2) No. HI-410003-15, Rev 2, for Fuel Cell Technologies Office (See Attachment 1-B)  
   3) No. HI-410003-15 Rev 3, for Fuel Cell Technologies Office (See Attachment 1-C)  
   4) No. 89X0319-15, Rev 2, for Fuel Cycle Technologies (See Attachment 1-D)  
   5) No. 89X0319-15, Rev 3, for Fuel Cycle Technologies (See Attachment 1-E)  
   6) No. HQTID005-15, Rev 0, for Increased Waste Loading (See Attachment 1-F)  
   7) No. SL-410003-15, Rev 1, Solar Energy (See Attachment 1-G)  

   Continued ...

15A NAME AND TITLE OF SIGNER (Type or print)

   James Lovett

15B CONTRACTOR/OFFEROR

   Savannah River Operations

15C DATE SIGNED

   01/10/2008

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

   James Lovett

16B UNITED STATES OF AMERICA

   (Signature of person authorized to sign)

16C DATE SIGNED

   01/10/2008

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA  
FAR (48 CFR) 53 243
B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
SAVANNAH RIVER OPERATIONS
U.S. DEPARTMENT OF ENERGY
P.O. BOX A
AIKEN, SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
ATTN: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN, SC 298012421

CODE 798861048

ACCOUNTING AND APPROPRIATION DATA (if required)
Net Increase: $51,515,747.67

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible).

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 9 for FY 2015. Funds in the amount of $51,515,747.67 are hereby obligated to CLIN 0001, thereby increasing it from $6,232,701,011.97 to $6,284,216,759.64.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,632,429,355.80 to $7,683,945,103.47.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)
JAMES LOVETT

15C. DATE SIGNED
03/25/2015

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

James Lovett

16C. DATE SIGNED
03/25/2015

STANDARD FORM 30 (REV. 10-63)
Prepared by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: 0534

2. AMENDMENT/MODIFICATION NO.: 00901

3. EFFECTIVE DATE: 03/25/2015

4. REQUISITION/PURCHASE REQ. NO.: 15EM001252

5. PROJECT NO. (If applicable):

6. ISSUED BY CODE: 1

7. ADMINISTERED BY (If other than Item 6): 00901

8. NAME AND ADDRESS OF CONTRACTOR:

   SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
   Attn: LLOYD CLEVINGER
   203 LAURENS ST SW
   AIKEN SC 298012421

9. AMENDMENT OF SOLICITATION NO.:

10. DATED (See Item 11): 01/10/2008

10A. MODIFICATION OF CONTRACT/ORDER NO.:

   DE-AC09-08SR22470

10B. DATED (See Item 13):

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS.

   The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.

   Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required):

   Net Increase: $399,782.85

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

   CHECK ONE:

   A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

   B. THE ABOVE NUMERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

   C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

   X Clause I.53 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

   E. IMPORTANT: Contractor is not required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible):

   A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 9 for FY 2015. Funds in the amount of $399,782.85 are hereby obligated to CLIN 0001, thereby increasing it from $6,284,216,759.64 to $6,284,616,542.49.

   B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,683,945,103.47 to $7,684,344,886.32.

   C. The contract estimated value and all other terms and conditions remain unchanged.

   Continued ...
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,684,344,886.32, includes obligation of $399,782.85 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $399,782.85 for a cumulative total of $5,084,126.91 to-date for FY 2015.

FOB: Destination

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<td>13 THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/OFFERS. IT MODIFIES THE CONTRACT/OFFER NO. AS DESCRIBED IN ITEM 14.</td>
<td></td>
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<tr>
<td>CHECK ONE</td>
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<td></td>
</tr>
<tr>
<td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>B. THE ABOVE NUMBERED CONTRACT/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
<td></td>
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<tr>
<td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
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<td>☑ OTHER (Specify type of modification and authority)</td>
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<td>☐ OTHER (Specify type of modification and authority)</td>
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<tr>
<td>Clause I.53 DEAR 970.5232-4 Obligation of Funds (DEC 2000)</td>
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</tr>
<tr>
<td>☐ IMPORTANT: Contractor ☐ is not ☑ is required to sign this document and return ______ copies to the issuing office</td>
<td></td>
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<tr>
<td>14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)</td>
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</tr>
<tr>
<td>A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 9 for FY 2015, as cited below:</td>
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<td></td>
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<tr>
<td>1) Department of Defense: $1,048,492.56</td>
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<td>2) Department of Homeland Security: $264,800.00</td>
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<td>3) Other: $1,500,000.00</td>
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<tr>
<td>The total amount obligated is $2,813,292.56, thereby increasing it from $6,284,616,542.49 to $6,287,429,835.05.</td>
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<tr>
<td>Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect</td>
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<tr>
<td>15A NAME AND TITLE OF SIGNER (Type or print)</td>
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<td></td>
</tr>
<tr>
<td>James Lovett</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</td>
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</tr>
<tr>
<td>☐ IMPORTANT: Contractor ☐ is not ☑ is required to sign this document and return ______ copies to the issuing office</td>
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</table>

NSN 7540-01-152-0070
Previous edition unusable

STANDARD FORM 30, REV. 10-02
Proscribed by GSA
FAR (48 CFR) 53.243
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,684,344,886.32 to $7,687,158,178.88.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVINGER  
203 LAURENS ST SW  
AIKEN SC 29801

The purpose of this modification is to incorporate Performance Evaluation Measurement Plan (PEMP), Rev. 2, for the period October 1, 2014 through September 30, 2015. The attached PEMP was reviewed and approved in accordance with the Department of Energy Acquisition Guide 71.1, reference Memorandum, Head of Contracting Activity, Office of Environmental Management, dated March 27, 2015. Previous edition of the FY 2015 PEMP is hereby superseded and replaced with Revision 2, effective April 16, 2015, copy attached hereto.

B. All other terms and conditions remain unchanged.

X Clause H-28 Performance-Base Incentives

15A NAME AND TITLE OF SIGNER (Type or print)  
James Lovett

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  

15B CONTRACTOR/OFFEROR  

15C DATE SIGNED  
4/16/15

16B UNITED STATES OF AMERICA

16C DATE SIGNED
<table>
<thead>
<tr>
<th>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</th>
<th>1. CONTRACT ID CODE</th>
<th>PAGE OF PAGES</th>
</tr>
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<tr>
<td>2. AMENDMENT/MODIFICATION NO.</td>
<td>3. EFFECTIVE DATE</td>
<td>4. REQUISITION/PURCHASE REQ. NO.</td>
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<td>0537</td>
<td>04/02/2015</td>
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<tr>
<td>6. ISSUED BY CODE</td>
<td>7. ADMINISTERED BY (IF OTHER THAN ITEM 6) CODE</td>
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<tr>
<td>Savannah River Operations</td>
<td></td>
<td></td>
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<tr>
<td>U.S. Department of Energy</td>
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<tr>
<td>Savannah River Operations</td>
<td></td>
<td></td>
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<tr>
<td>P.O. Box A</td>
<td></td>
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</tr>
<tr>
<td>Aiken SC 29802</td>
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<tr>
<td>8. NAME AND ADDRESS OF CONTRACTOR (NE., STREET, COUNTY, STATE AND ZIP CODE)</td>
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</tr>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC</td>
<td></td>
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<tr>
<td>Attn: LLOYD CLEVINGER</td>
<td></td>
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<tr>
<td>203 LAURENS ST SW</td>
<td></td>
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<tr>
<td>AIKEN SC 298012421</td>
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<tr>
<td>9A. AMENDMENT OF SOLICITATION NO</td>
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<tr>
<td>9B. DATED (SEE ITEM 11)</td>
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<tr>
<td>10A. MODIFICATION OF CONTRACT/ORDER NO</td>
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<td>DE-AC09-08SR22470</td>
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<td>10B. DATED (SEE ITEM 13)</td>
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<tr>
<td>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.</td>
<td></td>
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</tr>
<tr>
<td>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter; provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</td>
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<tr>
<td>12. ACCOUNTING AND APPROPRIATION DATA (IF REQUIRED)</td>
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<tr>
<td>No Change to Accounting and Appropriation Data</td>
<td></td>
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<tr>
<td>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDER. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</td>
<td></td>
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<tr>
<td>CHECK ONE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☑ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☑ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (SUCH AS CHANGES IN PAYING OFFICE, APPROPRIATION DATE, ETC.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
<td></td>
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</tr>
<tr>
<td>☑ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
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</tr>
<tr>
<td>☑ X Section I, DEAR 970.5211-1 Work Authorization (May 2007)</td>
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<tr>
<td>☐ D. OTHER (Specify type of modification and authority)</td>
<td></td>
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<tr>
<td>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)</td>
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</tr>
<tr>
<td>A. The purpose of this modification is to incorporate the four (4) contract work authorizations listed below:</td>
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<tr>
<td>1) No. HQ1001-15, Rev. 1, for Energy Employees Occupational Illness Compensation Program (EEOICPA) (see Attachment 1-A)</td>
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<tr>
<td>2) No. IN15013-15, Rev 4, for Energy and Threat (see Attachment 1-B)</td>
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<tr>
<td>3) No. IN15035-15, Rev 5, for Energy and Threat (see Attachment 1-C)</td>
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<tr>
<td>4) No. HQTD1001-15, Rev 0, for Waste Retrieval and Closure Technologies (see Attachment 1-D)</td>
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<tr>
<td>Funds were previously allocated by separate modification, reference SRNS Financial Plan.</td>
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<td>Continued ...</td>
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<tr>
<td>Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as hereinafter changed, remain unchanged and in full force and effect.</td>
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</tr>
<tr>
<td>15A. NAME AND TITLE OF SIGNER (Type or print)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jamee Lovett</td>
<td></td>
<td></td>
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<tr>
<td>15B. CONTRACTOR/OFFEROR</td>
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<tr>
<td>15C. DATE SIGNED</td>
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<tr>
<td>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</td>
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<td></td>
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<tr>
<td>16B. UNITED STATES OF AMERICA</td>
<td></td>
<td></td>
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<tr>
<td>16C. DATE SIGNED</td>
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</tbody>
</table>
B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

<table>
<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number 9, for Fiscal Year 2015 (applicable pages of the FINPLAN are provided under Attachment 1-E).</td>
<td></td>
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</table>
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. **CONTRACT ID CODE:** 00901
2. **ISSUED BY CODE:** 00901
3. **EFFECTIVE DATE:** 04/08/2015
4. **REQUEST/PURCHASE REQ NO:** 15EX001164
5. **PROJECT NO:** (If applicable)

---

**Savannah River Operations**  
**U.S. Department of Energy**  
**Savannah River Operations**  
**P.O. Box A**  
**Aiken SC 29802**

---

**NAME AND ADDRESS OF CONTRACTOR (Including street, county, State and ZIP Codes):**

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVINGER  
203 LAURENS ST SW  
AIKEN SC 298012421

---

**CODE:** 798861048  
**FACILITY CODE:**

---

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended by one of the following methods: (a) By completing Items 11 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

---

**12. ACCOUNTING AND APPROPRIATION DATA (If required):**

**Net Decrease:** -$3,385.22

---

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

---

**CHECK ONE: A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.**

---

**THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).**

---

**C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF**

---

**D. OTHER (Specify type of modification and authority)**

X **DEAR 970.5232-4 Obligation of Funds (Dec 2000)**

---

**E. IMPORTANT:**  
Contractor **X** is not required to sign this document and return copies to the issuing office.

---

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible):**

**Tax ID Number:** 26-0240191  
**DUNS Number:** 798861048

A. The purpose of this modification is to de-obligate funds from EB2501030 (Legacy B&R), an American Recovery and Reinvestment Act (ARRA) project, in accordance with SRNS Fin Plan No. 10 for FY 2015. Funds in the amount of (-$3,385.22) are hereby de-obligated from CLIN 0003, thereby decreasing it from $1,396,053,243.83 to $1,396,049,858.61.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,687,158,178.88 to $7,687,154,793.66.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

---

**15A NAME AND TITLE OF SIGNER (Type or print):**

L.C. Clevinger II  
Manager, Contracts

**16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print):**

James Lovett  
Manager, Contracts

**15B CONTRACT NUMBER:**

---

**15C DATE SIGNED:** 4/9/15

---

**16B UNITED STATES OF AMERICA**  
**16C DATE SIGNED:**

---

**STANDARD FORM 30 (REV 07-03)**  
**prescribed by GSAR**  
**FAR (48 CFR) 52.243**
C. The contract estimated value and all other terms and conditions remain unchanged.

NOTE: The funds were originally obligated to CLIN 00005 via SRNS Mod 080, but funds in the amount of (-$3,385.22) are hereby de-obligated from CLIN 00003 toward accommodating the current capabilities of the Stripes system.

FOB: Destination

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
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<tr>
<td>(A)</td>
<td>(B)</td>
<td>(C)</td>
<td>(D)</td>
<td>(E)</td>
<td>(F)</td>
</tr>
</tbody>
</table>
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

1. AMENDMENT/MODIFICATION NO. 0539
2. EFFECTIVE DATE 04/27/2015
3. REQUISITION/PURCHASE REQ. NO.
4. PROJECT NO. (if applicable)

5. CONTRACT ID CODE 00901
6. ISSUED BY CODE

7. ADMINISTERED BY (if other than Item 6) CODE

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

CODE 798861048
FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS. The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ______________ copies of the amendment: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X Clause 1.53 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 11 for FY 2015. Funds in the amount of $220,987,514.29 are hereby obligated to CLIN 0001, thereby increasing it from $6,287,429,835.05 to $6,508,417,349.34.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,687,154,793.66 to $7,908,142,307.95.

Continued ...
C. The contract estimated value and all other terms and conditions remain unchanged.

<table>
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<tr>
<th>ITEM NO.</th>
<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
</tr>
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FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE

0540 04/27/2015

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (if applicable)

15EMO01501

6. ISSUED BY CODE

7. ADMINISTERED BY (if other than item 6) CODE

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

Savannah River Operations

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

CODE 798861048
FACILITY CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods (a) By completing items 8 and 15, and returning ______ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

Net Increase: $544,233.84

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

X Clause I.53 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

E. IMPORTANT: Contractor x is not is required to sign this document and return ______ copies to the issuing office

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

Tax ID Number: 26-0240191
DUNS Number: 798861048

A. The purpose of this modification is to obligate Non-Appropriated Funds and correct previous Modification 534, as cited below.

B. Modification 540 obligates funding to CLIN 0001, Reimbursable Work Commercial (Non-Appropriation) in accordance with SRNS FINPLAN No. 11 for FY 2015. Funds in the amount of $544,233.84 are hereby obligated to CLIN 0001, thereby increasing it from $6,508,417,349.34 to $6,508,961,583.18.

C. Modification 534, Block 14.A, first sentence is hereby changed read as follows:

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as hereinafter changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

James Lovett

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

James Lovett

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA

15C. DATE SIGNED 16C. DATE SIGNED

11/27/15
The purpose of this modification is to obligate funds to CLIN 0001, Reimbursable Work Commercial (Non-Appropriated) in accordance with SRNS FINPLAN No. 9 for FY 2015.

D. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,908,142,307.95 to $7,908,686,541.79.

E. The contract estimated value and all other terms and conditions remain unchanged.

NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,908,686,541.79, includes obligation of $544,233.84 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $544,233.84 for a cumulative total of $5,628,360.75 to-date for FY 2015.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2. AMENDMENT/MODIFICATION NO

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO

5. PROJECT NO. (if applicable)

6. ISSUED BY

7. ADMINISTERED BY (if other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No. street, city, county, State and ZIP Code)

9. NAME AND TITLE OF SIGNER

10. NAME AND TITLE OF CONTRACTING OFFICER

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

   The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended, if not extended.

   Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. 

   (b) By acknowledging receipt of this amendment on each copy of the offer submitted, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

   (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

   Except as provided herein, all terms and conditions of the document referenced in Item 9 or 10A, as heretofore changed, remains unchanged and in full force and effect.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

   Net Increase: $2,502,900.38

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

   CHECK ONE

   A. This Change Order is issued pursuant to: 

      (Specify authority)

   B. The above numbered contractor/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in Item 14, pursuant to the authority of FAR 43.103(b).

   C. This supplemental agreement is entered into pursuant to authority of

      X Clause 1.53 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

   Tax ID Number: 26-0240191

   DUNS Number: 798861048

   A. The purpose of this modification is to obligate funds to CLIN 001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 11 for FY 2015, as cited below:

      1) Department of Defense: $-58,046.71
      2) Department of Homeland Security: $-9,353.00
      3) Department of Justice $-1,568.11
      4) Department of State $-1,776.78
      5) No TAS or TAS AI Selected $599,686.61

      Continued ...

      Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15. CONTRACTOR/OFFEROR

   NAME: SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

   Attn: LLOYD CLEVINGER

   203 LAURENS ST SW

   Aiken SC 29801-2421

   Tax ID Number: 26-0240191

   DUNS Number: 798861048

   Phone: 706-835-8100

   NSN: 7540-01-152-6070

   Previous edition unusable

   STANDARD FORM 20 (REV. 10-83)

   Prescribed by GSA

   FAR (48 CFR) 53.243

   (Signature of person authorized to sign)
The total amount obligated is $2,502,900.38 thereby increasing it from $6,508,961,583.18 to $6,511,464,483.56.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,908,686,541.74 to $7,911,189,442.12.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
<thead>
<tr>
<th>1. CONTRACT ID CODE</th>
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<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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<th>7. ADMINISTERED BY (if other than Item 6)</th>
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<td>Savannah River Operations</td>
<td>00901</td>
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Savannah River Operations  
U.S. Department of Energy  
P.O. Box A  
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No. - street, city, State and Zip Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVINGER  
203 LAURENS ST SW  
AIKEN SC 298012421

9. AMENDMENT OF SOLICITATION NO.

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVINGER  
DATED: Dated (see Item 11)

10. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470  
DATED: Dated (see Item 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers are extended. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers are not extended. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

☐ The above numbered solicitation is amended as set forth in Item 14. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

☐ The above numbered solicitation is amended as set forth in Item 14. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☒ X Section I, DEAR 970.5211-1 Work Authorizations (May 2007)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to incorporate the ten (10) contract work authorizations listed below:

1) No. HQ091101-15, Rev 2, for Advanced Simulation Capability for Environmental Management (See Attachment 1-A)
2) No. KC/SRI/5-15, Rev 4, for Basic Energy Sciences - Energy Frontier Research Centers (See Attachment 1-B)
3) No. SR071801-15, Rev 1, for Center for Sustainable Groundwater and Soil Solutions: Attenuation-Based Remedies for the Subsurface Applied Field Research Initiative (ABRS AFRI) (See Attachment 1-C)
4) No. IN15035-15, Rev 6, for Energy and Threat (See Attachment 1-D)

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as hereafter changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Marie A. Garvin

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Marie A. Garvin

15B. CONTRACTOR/OFFEROR

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-03)  
Prescribed by GSA  
FAR (48 CFR) 53.243

5/7/15
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

5) No. HI-410003-15, Rev 4, for Fuel Cell Technologies Office (See Attachment 1-E)
6) No. 89X0319-15, Rev 4, Fuel Cycle Technologies (See Attachment 1-F)
7) No. SR091701-15 Rev 1, for In Situ Decommissioning Technology Development and Demonstration (See Attachment 1-G)
8) No. EM-HBCU-0100-15, Rev 1, for Minority Serving Institution Partnership Program (MSIPP) (See Attachment 1-H)
9) No. SLS410003-15, Rev 0, for Strategic National Laboratory Support (See Attachment 1-I)
10) No. HQTD1001-15, Rev 1, Waste Retrieval and Closure Technologies (See Attachment 1-J)

Funds were previously allocated by separate modification, reference SRNS Financial Plan numbers #9 and 11, for Fiscal Year 2015 (applicable pages of the FINPLAN are provided under Attachment 1-K).

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
<thead>
<tr>
<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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**6 ISSUED BY CODE**

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<th>CODE</th>
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**7 ADMINISTERED BY (If other than item 6) CODE**

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**8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)**

<table>
<thead>
<tr>
<th>SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attn: LLOYD CLEVINGER</td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
</tr>
<tr>
<td>AIKEN SC 298012421</td>
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</table>

**9A. AMENDMENT OF SOLICITATION NO.**

<table>
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<tr>
<th>SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC</th>
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<tbody>
<tr>
<td>Attn: LLOYD CLEVINGER</td>
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<tr>
<td>203 LAURENS ST SW</td>
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<tr>
<td>AIKEN SC 298012421</td>
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**9B. DATED (SEE ITEM 11)**

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**10A. MODIFICATION OF CONTRACT/ORDER NO.**

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<th>DE-AC09-08SR22470</th>
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**10B. DATED (SEE ITEM 13)**

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<th>01/10/2008</th>
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**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by any of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

- No Change to Accounting and Appropriation Data

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**14. DESCRIPTION OF AMENDMENT/MODIFICATION**

- Organized by UCF section headings, including solicitation/contract subject matter where feasible.

The purpose of this modification is to correct clerical error and/or administrative error reference modification numbers 0526, and 0541, accordingly:

- A. Under Modification 0526, Appendix D, Key Personnel Attachment 1, is revised and replaced with Attachment 1, hereto. The Senior Vice President for Business Services was inadvertently omitted from the list.

- B. Under Modification 0541, Block 14, paragraph B, the total amount of funds obligated to the contract as read "from $7,908,686,541.74 to $7,911,189,442.12," is changed to read "$7,908,686,541.79 to $7,911,189,442.17." The ".74" should have read ".79," the ".12" should have read ".17."

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9 A or 10 A, as hereforemore, remain unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**

<table>
<thead>
<tr>
<th>Marie A. Garvin</th>
</tr>
</thead>
</table>

**15B. CONTRACTOR/OFFEROR**

<table>
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<tr>
<th>SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC</th>
</tr>
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<tbody>
<tr>
<td>Attn: LLOYD CLEVINGER</td>
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<td>203 LAURENS ST SW</td>
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<td>AIKEN SC 298012421</td>
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**15C. DATE SIGNED**

<table>
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**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

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<tr>
<td>NSN 7540-01-152-0070</td>
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</table>
C. The contract estimated value and all other terms and conditions remain unchanged.
PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS

APPENDIX D

KEY PERSONNEL

Pursuant to the clause entitled “Key Personnel,” the following positions are considered to be essential to work being performed. (Mod 0526)

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Johnson, Carol A.</td>
<td>President and Chief Executive Officer</td>
</tr>
<tr>
<td>Dohse, Fred</td>
<td>Executive Vice President and Chief Operating Officer</td>
</tr>
<tr>
<td>Michalske, Terry A.</td>
<td>Executive Vice President &amp; Laboratory Director-</td>
</tr>
<tr>
<td></td>
<td>Savannah River National Laboratory</td>
</tr>
<tr>
<td>Eyler, David E.</td>
<td>Senior Vice President &amp; Deputy Laboratory Director-</td>
</tr>
<tr>
<td></td>
<td>Savannah River National Laboratory</td>
</tr>
<tr>
<td>Spangler, Robert (Wallis)</td>
<td>Senior Vice President - NNSA Operations &amp; Programs</td>
</tr>
<tr>
<td>Clark, Wyatt C.</td>
<td>Senior Vice President – Environmental Management Operations</td>
</tr>
<tr>
<td>Davis, Margaret A.</td>
<td>Senior Vice President, Business Services</td>
</tr>
<tr>
<td>Curtis, Jennifer</td>
<td>Senior Vice President &amp; General Counsel</td>
</tr>
<tr>
<td>Doswell, Alice C.</td>
<td>Senior Vice President – Environment, Safety, Health &amp; ACP</td>
</tr>
</tbody>
</table>
The purpose of this modification is to de-obligate American Recovery and Reinvestment Act (ARRA) funds in accordance with SNNS Financial Plan No. 12 for Fiscal Year 2015. Funds in the amount of $5,481.75 are hereby de-obligated from CLIN 0004, thereby decreasing it from $1,100,000.00 to $1,094,518.25.

As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,911,189,442.17 to $7,911,183,960.42.

Continued...
C. The contract estimated value and all other terms and conditions remain unchanged.

NOTE: These funds were originally obligated to CLIN 00004 via SRNS Modification 035.

FOB: Destination

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NSN 7540-01-152-0007

OPTIONAL FORM 336 (4-96)
Sponsored by GSA
FAR (49 CFR) 53.110
AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

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Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
John W. Temple, Senior Vice President
Contracts and Supply Chain Management

NAME AND TITLE OF SIGNER (Type or print)
Marie A. Garvin

ACCOUNTING AND APPROPRIATION DATA

<table>
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<th>DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)</th>
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<tbody>
<tr>
<td>A. The purpose of this modification is to de-obligate funds from CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 13 for FY 2015. Funds in the amount of (-$6,969,333.45) are hereby de-obligated from CLIN 0001, thereby decreasing it from $6,511,464,483.56 to $6,504,495,150.11.</td>
</tr>
<tr>
<td>B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled &quot;Obligation of Funds,&quot; is hereby revised to decrease the total amount of funds obligated to the contract from $7,911,183,960.42 to $7,904,214,626.97.</td>
</tr>
<tr>
<td>C. The contract estimated value and all other terms and conditions remain unchanged.</td>
</tr>
</tbody>
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Net Decrease: -$6,969,333.45

DEAR 970.5232-4 Obligation of Funds (DEC 2000)

E. IMPORTANT: Contractor is not required to sign this document and return copies to the issuing office.
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<th>ITEM NO (A)</th>
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<th>UNIT (D)</th>
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B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,904,214,626.97 to $7,905,440,562.64.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...
### Supplies/Services Table

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**Note:** For government use only, reporting of FPDS from STARS to USA Spending - The total obligated amount of $7,905,440,562.64, includes obligation of $1,225,935.67 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $1,225,935.67 for a cumulative total of $6,854,296.42 to-date for FY 2015.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2 AMENDMENT/MODIFICATION NO. 0547
3 EFFECTIVE DATE 05/22/2015
4 REQUISITION/PURCHASE REQ. NO. 15RMO011743
5 PROJECT NO. (if applicable)

6 ISSUED BY
7 ADMINISTERED BY (if other than item 6)

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11) 01/10/2008

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ________ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change your offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $4,731,285.90

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO ( Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (DEC 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS PINPLAN No. 13 for FY 2015, as cited below:

1) Department of Defense: $330,000.00
2) Department of Homeland Security: $398,942.00
3) Department of Justice $1,989,200.00
4) Department of State $58,252.43
5) Executive Office of the President (-$44,246.91)
6) Other: $1,999,138.30

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Marie A. Garvin

15B. CONTRACTOR/OFFEROR

NSN 7540-01-152-8070

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Marie A. Garvin

16B. UNITED STATES OF AMERICA

STANDARD FORM 30 (REV. 10-03)

Previous edition unsuitable

FAR (48 CFR) 53243
The total amount obligated is $4,731,285.90 thereby increasing it from $6,505,721,085.78 to $6,510,452,371.68.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,905,440,562.64 to $7,910,171,848.54.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination

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<tr>
<th>ITEM NO.</th>
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<th>QUANTITY</th>
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<td>(D)</td>
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**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>3 AMENDMENT/MODIFICATION NO</th>
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<td>15EM001778</td>
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6 ISSUED BY CODE 00901

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

**9A AMENDMENT OF SOLICITATION NO**

9B DATED (SEE ITEM 11)

10A MODIFICATION OF CONTRACT/ORDER NO: DE-AC09-08SR22470

10B DATED (SEE ITEM 13)

**10C CODE** 798861048

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended is not extended offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15 and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter provided each telegram or letter makes reference to the solicitation and this amendment and is received prior to the opening hour and date specified.

**12 ACCOUNTING AND APPROPRIATION DATA (If required)**

Net Decrease: $3,082,583.80

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14 PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (DEC 2000)

E. IMPORTANT: Contractor X is required to sign this document and return 1 copy to the issuing office

**14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)**

Tax ID Number: 26-0240191

DUNS Number: 798861048

A. The purpose of this modification is to de-obligate funds from CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 14 for FY 2015. Funds in the amount of $3,082,583.80 are hereby de-obligated from CLIN 0001, thereby decreasing it from $6,510,452,371.68 to $6,507,369,787.88.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,910,171,848.54 to $7,907,089,264.74.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as hereinafter changed, remain unchanged and in full force and effect.

**15A NAME AND TITLE OF SIGNER (Type or print)**

L.C. Clevinger II
Manager, Contracts

**15B CONTRACTS OFFICER/ORDERING OFFICER**

Signature of person authorized to sign

**15C DATE SIGNED**

5-29-15

**16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

Marie A. Garvin

**16B UNITED STATES OF AMERICA**

Manager, Contracts

**16C DATE SIGNED**

5-29-15

STANDARD FORM 30 (REV 10-83)

Prescribed by GSA

NSN 7540-01-152-8070

Previous edition unusable
C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers are extended. ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers are not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended by one of the following methods: (a) By completing Item 8 and 15 and returning separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA

☐ No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). 

☒ C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☒ D OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate the twelve (12) contract work authorizations listed below:

1) No. HQTDF1002-15, Rev 1, for Alternative Waste Pretreatment (See Attachment 1-A)
2) No. HQ1001-15, Rev 2, for Energy Employees Occupational Illness Compensation Program (EOICPA) (See Attachment 1-B)
3) No. IN15035-15, Rev 7, for Energy and Threat (See Attachment 1-C)
4) No. 89X0319-15, Rev 5, for Fuel Cycle Technologies (See Attachment 1-D)
5) No. HQTDF1005-15, Rev 1, for Increased Waste Loading: Long-Term Glass Corrosion Studies (See Attachment 1-E)
6) No. EY8049100-15, Rev 0, for Support for Technetium Management (See Attachment 1-F) Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)

Marie A. Garvin

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B CONTRACTOR/ORDER OR

16B UNITED STATES OF AMERICA

15C DATE SIGNED

01/10/2008

16C DATE SIGNED

06/02/2015

NSN 7540-01-152-6070

STANDARD FORM 30 (REV 10-63)

Previous edition unusable

Prescribed by GSA

FAR (48 CFR) 52.243
### Supplies/Services

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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES</th>
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<tbody>
<tr>
<td>7) No. 410003-TS-15, Rev 4, for SRNL Technical Support (See Attachment 1-F)</td>
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</tr>
<tr>
<td>8) No. 410003-TS-15, Rev 5, for SRNL Technical Support (See Attachment 1-G)</td>
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<tr>
<td>9) No. HQTD1000-15, Rev 1, for Technical Planning, Integration and Risk Management (See Attachment 1-H)</td>
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<tr>
<td>10) No. HQ091501-15, Rev 0, for Universal Canister Development (See Attachment 1-J)</td>
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<td>11) No. HQTD1001-15, Rev 2, for Waste Retrieval and Closure Technologies (See Attachment 1-K)</td>
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</tr>
<tr>
<td>12) No. WW-410003-15, Rev 4, for Wind and Hydropower Tech Program (See Attachment 1-L)</td>
<td></td>
</tr>
</tbody>
</table>

Funds were previously allocated by separate modification, reference SRNS Financial Plan numbers 13 and 14, for Fiscal Year 2015 (applicable pages of the FINPLAN are provided under Attachment 1-M).

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2. AMENDMENT/MODIFICATION NO. 0551

3. EFFECTIVE DATE 06/17/2015

4. REQUISITION/PURCHASE REQ NO. (If applicable)

5. PROJECT NO. (If applicable)

6. ISSUED BY

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY

8. NAME AND ADDRESS OF CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9. AMENDMENT OF SOLICITATION NO. (See Item 11)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

10. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

11. DATE MODIFIED (See Item 13)

12. ACCOUNTING AND APPROPRIATION DATA (If required)

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE:

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X Section 1, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT: Contractor [X] is not, [ ] is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to incorporate the two (2) contract work authorizations listed below:

1) No. EM30 ARI-6-15, Rev 0, for Asset Revitalization Initiative: DOE Site Impact on Local Economy and Natural Capital Asset Management DOE Complex System Design (See Attachment 1-A)

2) No. IN15013-15, Rev 5, for Energy and Threat (See Attachment 1-B)

Funds were previously allocated by separate modification, reference SRNS Financial Plan No. 14, for Fiscal Year 2015 (applicable page of the FINPLAN is provided under Attachment 1-C). Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF SIGNER (Type or print)

Marie A. Garvin

16C. DATE SIGNED 6/23/15

(Signature of person authorized to sign)

15C. DATE SIGNED

Marie A. Garvin

15B. CONTRACTOR/OFFER

16B. UNITED STATES OF AMERICA

STANDARD FORM 30 (REV 10-83)

Previous edition unusable

PREPARED BY

Prescribed by GSA

FAR (48 CFR) 53 243
B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.
# Amendment of Solicitation/Modification of Contract

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<th>Project No. (if applicable)</th>
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<td>06/24/2015</td>
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## Issued By

Savannah River Operations  
U.S. Department of Energy  
P.O. Box A  
Aiken SC 29802

## Name and Address of Contractor (No., street, city, state, and ZIP code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
203 LAURENS ST SW  
AIKEN SC 298012421

## Code

798861048

## Facility Code

11. This Item Only Applies to Amendments of Solicitations

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is:  
☐ is extended  
☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

## Accounting and Appropriation Data (if required)

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<th>Accounting and Appropriation Data (if required)</th>
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<tr>
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<td>$6,625,868.06</td>
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## 12. This Item Only Applies to Modification of Contracts/Orders. It Modifies the Contract/Order No. as described in Item 14.

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<tr>
<td>☑ This Change Order Is Issued Pursuant to (Specify authority) the Changes Set Forth in Item 14 Are Made in the Contract Order No. in Item 10A.</td>
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<td>☑ The Above Numbered Contract/Order Is Modified to Reflect the Administrative Changes (such as changes in paying office, appropriation date, etc.) Set Forth in Item 14, Pursuant to the Authority of FAR 43.103(b).</td>
</tr>
<tr>
<td>☑ This Supplemental Agreement Is Entered into Pursuant to Authority of:</td>
</tr>
<tr>
<td>☑ Other (Specify type of modification and authority)</td>
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<table>
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<th>E. Important:</th>
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<tbody>
<tr>
<td>☑ The Issuing Office Is Not Required to Sign This Document and Return Copies to the Issuing Office.</td>
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</table>

## Description of Amendment/Modification

(organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy [DOE]) in accordance with SRNS FINPLAN No. 15 for FY 2015. Funds in the amount of $6,625,868.06 are hereby obligated to CLIN 0001, thereby increasing it from $6,507,369,787.88 to $6,513,995,655.94.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,907,089,264.74 to $7,913,715,132.80.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

## Name and Title of Signer (Type or print)

Marie A. Garvin

## Name and Title of Contracting Officer (Type or print)

Marie A. Garvin

## Date Signed

6/24/15

<table>
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<th>Signature of Contracting Officer</th>
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NSN 7540-01-152-6070  
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAA (46 CFR) 53.243
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0553
3. EFFECTIVE DATE 06/16/2015
4. REQUISITION/PURCHASE REQ. NO.
5. PROJECT NO. (If applicable)

6. ISSUED BY
7. ADMINISTERED BY (If other than Item 6)

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801 2921

9A. AMENDMENT OF SOLICITATION NO. SAANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801 2921

9B. DATED (SEE ITEM 11) 01/10/2008

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470
10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in Item 14. The time and date specified for receipt of offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 9 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each teleogram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA
No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. The purpose of this modification is to incorporate one (1) contract work authorization, inadvertently omitted from Mod 0549. Contract Work Authorization No. WW-41003-15, Rev 5, for Wind and Hydropower Tech Program (See Attachment 1-A). Funds were previously allocated by separate modification, reference SNS Financial Plan No. 14, for Fiscal Year 2015 (applicable page of the FINPLAN is provided under Attachment 1-B).

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

Continued...

15A. CONTRACT/ORDER NO. DE-AC09-08SR22470
15B. CONTRACTOR/OFFEROR SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
15C. DATE SIGNED 01/10/2008
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) MARIE A. GAvIN
16B. UNITED STATES OF AMERICA
16C. DATE SIGNED
C. The contract estimated value and all other terms and conditions remain unchanged.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO: 0554
3. EFFECTIVE DATE: See Block 16C
4. REQUISITION/ PURCHASE REQ. NO: 15EX002037
5. PROJECT NO: (if applicable)

6. ISSUED BY: Code 00901
Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P. O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, city, state and zip code)
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

CODE: 798861048
FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
The above numbered solicitation is amended as set forth in Item 14. (Check one)
☐ is extended ☑ is not extended
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ______ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
Net Decrease: -$280,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (DEC 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to de-obligate funds from CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 16 for FY 2015. Funds in the amount of $280,000.00 are hereby de-obligated from CLIN 0001, thereby decreasing it from $6,513,995,655.94 to $6,513,715,655.94.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,913,715,132.80 to $7,913,435,132.80.

C. The contract estimated value and all other terms and conditions remain unchanged.
Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)
L.C. Clevinger II
Manager, Contracts

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Norton
Manager, Contracts

15B. CONTRACT/ORDER NO. 16C. DATE SIGNED
15C. DATE SIGNED 6-30-15
6 130 015

NSN: 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
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<th>UNIT (D)</th>
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<th>AMOUNT (F)</th>
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The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is not extended, is extended, or is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (If required): Net Increase: $473,067.11

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. OTHER (Specify type of modification and authority)

DEAR 970.5232-4 Obligation of Funds (DEC 2000)

E. IMPORTANT: Contractor is not required to sign this document and return copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated) in accordance with SRNS FINPLAN No. 16 for FY 2015. Funds in the amount of $473,067.11 are hereby obligated to CLIN 0001, thereby increasing it from $6,513,715,655.94 to $6,514,188,723.05.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,913,435,132.80 to $7,913,908,199.91.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

15B CONTRACTOR/OFFEROR (Signature of person authorized to sign)

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B UNITED STATES OF AMERICA (Signature of Contracting Officer)

6/30/15

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA
FAR (48 CFR) 53.243

Previous edition unusable
C. The contract estimated value and all other terms and conditions remain unchanged.

NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,913,908,199.91 includes obligation of $473,067.11 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $473,067.11 for a cumulative total of $7,327,363.53 to-date for FY 2015.

FOB: Destination

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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

7. ADMINISTERED BY (If other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR

9. NAME AND ADDRESS OF CONTRACTOR

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED (SEE ITEM 11)

11A. AMENDMENT OF SOLICITATION NO.

11B. DATED (SEE ITEM 11)

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13A. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

13B. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

SALVANNA RIVER NUCLEAR SOLUTIONS, LLC
Att: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 29801

DE-AC09-08SR22470

CODE 798861048

FACILITY CODE

01/10/2008

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _______ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. Failure of the amendment you desire to change an offer already submitted or a reference may not be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $2,553,005.93

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

Attn: LLOYD CLEVINGER

203 LAURENS ST SW

Aiken SC 29801

DE-AC09-08SR22470

CODE 798861048

FACILITY CODE

01/10/2008

The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 16 for FY 2015, as cited below:

1) Department of Defense: $995,320.00
2) Department of Homeland Security: $1,558,000.00
3) Other: $-314.07

The total amount obligated is $2,553,005.93 thereby increasing it from $6,514,188,723.05 to Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 33 (REV 10-83)

Prepared by GSA

FAR (48 CFR) 53.243
$6,516,741,728.98.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,913,908,199.91 to $7,916,461,205.84.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

Attn: Lloyd Clevinger
Savannah River Nuclear Solutions, LLC
203 Laurens ST SW
Aiken SC 298012421

CODE 798861040
FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) by completing copies of the amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter which includes a reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
Net Increase: $42,144,821.48

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACTOR NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X DEAR 970.5232-4 Obligation of Funds (DEC 2000)

E. IMPORTANT:
☐ is not ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 17 for FY 2015. Funds in the amount of $42,144,821.48 are hereby obligated to CLIN 0001, thereby increasing it from $6,516,741,728.98 to $6,558,886,550.46.
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,916,461,205.84 to $7,958,606,027.32.
C. The contract estimated value and all other terms and conditions remain unchanged.
Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)
X Marie A. Garvin

15C. DATE SIGNED 7/28/15

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
X Marie A. Garvin

16C. DATE SIGNED 7/28/15

STANDARD FORM 20 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
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<td>FOB: Destination</td>
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Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVEINGER
203 LAURENS ST SW
AIKEN SC 298012421

DE-AC09-08SR22470
01/10/2008

X

DEAR 970.523-4 Obligation of Funds (DEC 2000)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF.

D. OTHER (Specify type of modification and authority)

X

The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial(Non-Appropriated)) in accordance with SRNS FINPLAN No. 17 for FY 2015. Funds in the amount of $122,171.82 are hereby obligated to CLIN 0001, thereby increasing it from $6,559,008.722.28 to $6,559,008.722.28.

The total amount of funds obligated to the contract from $7,958,606,027.32 to $7,958,606,027.32.

C. The contract estimated value and all other terms and conditions remain unchanged.

E. IMPORTANT: Contractor is required to sign this document and return copies to the issuing office.

F. NAME AND TITLE OF SIGNER (Type or print)

Marie A. Garvin

G. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Marie A. Garvin

H. DATE SIGNED

7/23/15

STANDARD FORM 30 (REV. 10-83)
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,958,728,199.14 includes obligation of $122,171.82 of Non- Appropriated funds. The total amount of Non- Appropriated funds is increased by $122,171.82 for a cumulative total of $7,449,535.35 to-date for FY 2015.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (if applicable)

6. ISSUED BY

7. ADMINISTERED BY (if other than Item 6)

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

Savannah River Operations

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

9A. AMENDMENT OF SOLICITATION NO.

10A. MODIFICATION OF CONTRACT/ORDER NO.

11B. DATED (SEE ITEM 17)

12B. DATED (SEE ITEM 13)

11A. AMENDMENT OF SOLICITATION NO.

10A MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470

11B. DATED (SEE ITEM 17)

12B. DATED (SEE ITEM 13)

01/10/2008

13. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) by completing Items 8 and 15, and returning copies of the amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

14. DESCRIPTION OF AMENDMENT/MODIFICATION

(Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS-FINPLAN No. 16 for FY 2015, as cited below:

1) Department of Commerce: $36,834.95
2) Department of Defense: ($1,182.71)
3) Department of Homeland Security: $1,404,289.00
4) Department of Justice: ($20,103.78)
5) Department of State: $25,242.72

The total amount obligated is $1,447,080.18 thereby increasing it from $6,559,008.722.28 to

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Marie A. Garvin

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(8/28/15)

STANDARD FORM 30 (REV 10-83)

Previous edition unusable

Proscribed by GSA

FAR (48 CFR) 53.243
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,958,728,199.14 to $7,960,175,279.32.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (if applicable)

6. ISSUED BY

7. ADMINISTERED BY (if other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

9C. MODIFICATION OF CONTRACT/ORDER NO.

10A. DATED (SEE ITEM 13)

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is not extended. ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning 0 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

D. OTHER (Specify type of modification and authority)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

The purpose of this modification is to incorporate the seven (7) contract work authorizations listed below:

1) No. HQ1001-15, Rev 3, for Energy Employees Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-A)

2) No. HQ1001-15, Rev 4, for Energy Employees Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-B)

3) No. IN15025-15, Rev 2, for Energy and Threat (See Attachment 1-C)

4) No. IN15035-15, Rev 8, for Energy and Threat (See Attachment 1-D)

5) No. 89X0319-15, Rev 6, for Fuel Cycle Technologies (See Attachment 1-E)

6) No. SL-410003-15, Rev 2, for Solar Energy (See Attachment 1-F)

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Marie A. Garvin

15B. CONTRACTOR/OFFEROR (Type or print)

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

8/10/15

(Marine A. Garvin)

(Signature of Contracting Officer)
7) No. 410003-TS-15, Rev 6, for SRNL Technical Support (See Attachment 1-G)

Funds were previously allocated by separate modification, reference SRNS Financial Plan number 17, for Fiscal Year 2015 (applicable pages of the FINPLAN are provided under Attachment 1-H).

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.
# Amendment of Solicitation/Modification of Contract

## 1. Contract ID Code

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## 6. Issued By

- Savannah River Operations
- U.S. Department of Energy
- P.O. Box A
- Aiken SC 29802

## 8. Name and Address of Contractor

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVENGER
203 LAURENS ST SW
AIKEN SC 29801-2421

## 10. Amendment of Solicitation No.

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVENGER
203 LAURENS ST SW
AIKEN SC 29801-2421

## 12. Accounting and Appropriation Data

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## 13. This Item Only Applies to Amendments of Solicitations

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

## 14. Description of Amendment/Modification

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 18 for FY 2015. Funds in the amount of $9,849,648.06 are hereby obligated to CLIN 0001, thereby increasing it from $6,560,455,802.46 to $6,570,305,450.52.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,960,175,279.32 to $7,970,024,927.38.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued ...

## 15. Name and Title of Signer

- Angela S. Morton

## 16. Name and Title of Contracting Officer

- Angela S. Morton

---

NSN 7540-01-152-8070
Previous edition unused

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
<table>
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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
</tr>
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<tbody>
<tr>
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<td>FOB: Destination</td>
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</tbody>
</table>
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: 0562

2. AMENDMENT/MODIFICATION NO.: 0562

3. EFFECTIVE DATE: 08/26/2015

4. REQUISITION/PURCHASE REQ. NO.: 15EM002545

5. PROJECT NO. (If applicable): 

6. ISSUED BY: Code 0090

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR: (No. street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801

10A. MODIFICATION OF CONTRACT/ORDER NO.: DE-AC09-08SR22470

10B. DATED (SEE ITEM 11): 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of the amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgment to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required): Net Increase: $1,067,461.61

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
☐ DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible): A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated Funds) in accordance with SRNS FINPLAN No. 18 for FY 2015. Funds in the amount of $1,067,461.61 are hereby obligated to CLIN 0001, thereby increasing it from $6,570,305,450.52 to $6,571,372,912.13.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,970,024,927.38 to $7,971,092,388.99.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

15A. NAME AND TITLE OF SIGNER: (Type or print) Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER: (Type or print)

15C. DATE SIGNED: 08/20/15

16B. UNITED STATES OF AMERICA

(Signature of person authorized to sign)

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition unusable
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,971,092,388.99 includes obligation of $1,067,461.61 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $1,067,461.61 for a cumulative total of $8,516,996.96 to-date for FY 2015.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
2. AMENDMENT/MODIFICATION NO.
   0563
3. EFFECTIVE DATE
   08/20/2015
4. REQUISITION/PURCHASE REQ. NO.
   15EM002545
5. PROJECT NO. (if applicable)
6. ISSUED BY
   SAVANNAH RIVER OPERATIONS
   U.S. DEPARTMENT OF ENERGY
   PO. BOX A
   AIKEN SC 29802
7. CODE
   00901
8. NAME AND ADDRESS OF CONTRACTOR
   SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
   ATTN: LLOYD CLEVINGER
   203 LAURENS ST SW
   AIKEN SC 298012421
9. AMENDMENT OF SOLICITATION NO
   (SEE ITEM 11)
10. MODIFICATION OF CONTRACT/ORDER NO
   DE-AC09-08SR22470
   (SEE ITEM 13)
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
   □ The above numbered amendment is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. □ is not extended
   □ Others must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: □ By completing Items 8 and 15; and returning ______ copies of the amendment. □ By acknowledging receipt of this amendment on each copy of the offer submitted; or □ By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.
   □ ACCOUNTING AND APPROPRIATION DATA (if required)
   Net Increase: $3,103,435.73

12. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

13. CHECK ONE
   □ A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE IN THE CONTRACT ORDER NO. IN ITEM 10A
   □ B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.163(b)
   □ C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
   □ D OTHER (Specify type of modification and authority)
   X DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. IMPORTANT: Contractor is not required to sign this document and return ______ copies to the issuing office.

15. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
   A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 18 for FY 2015, as cited below:
   1) Department of Defense: $1,369,000.00
   2) Department of Justice: $410,342.20
   3) Department of State: $13,592.23
   4) Nuclear Regulatory Commission: (-$7,498.70)
   5) Other: $1,318,000.00
   The total amount obligated is $3,103,435.73 thereby increasing it from $6,571,372,912.13 to Continued ...

16. EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE DOCUMENT REFERENCED IN ITEM 9A OR 10A, AS HERETOFORE CHANGED, REMAINS UNCHANGED AND IN FULL FORCE AND EFFECT.

17. NAME AND TITLE OF SIGNER (Type or print)
   Angela S. Morton

18. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
   STANDARDS FORM 30 (REV. 10-03)

Prepared by GSA
FAR (48 CFR) 53.243
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

$6,574,476,347.86.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,971,092,288.99 to $7,974,195,824.72.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
<thead>
<tr>
<th>1. CONTRACT ID CODE</th>
<th>PAGE OF PAGES</th>
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<tr>
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<td>Savannah River Operations</td>
<td>0901</td>
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<tr>
<th>7. ADMINISTERED BY (If other than Item 6)</th>
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<td>Savannah River Operations</td>
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<tr>
<th>8. NAME AND ADDRESS OF CONTRACTOR (Buy, street, county, State and ZIP Code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC</td>
</tr>
<tr>
<td>Attn: LLOYD CLEVINGER</td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
</tr>
<tr>
<td>AIKEN SC 29802</td>
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<tr>
<th>9A. AMENDMENT OF SOLICITATION No.</th>
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<td>SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC</td>
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</tr>
<tr>
<td>Attn: LLOYD CLEVINGER</td>
<td></td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
<td></td>
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<tr>
<td>AIKEN SC 29802</td>
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<tr>
<th>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>- The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended. is not extended.</td>
</tr>
<tr>
<td>- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter includes a reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</td>
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<thead>
<tr>
<th>12. ACCOUNTING AND APPROPRIATION DATA (If required)</th>
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</thead>
<tbody>
<tr>
<td>- No Change to Accounting and Appropriation Data</td>
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<table>
<thead>
<tr>
<th>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</th>
</tr>
</thead>
<tbody>
<tr>
<td>- A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the contract order no. in item 10A.</td>
</tr>
<tr>
<td>- B. The above numbered contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of FAR 43.103(b).</td>
</tr>
<tr>
<td>- C. This supplemental agreement is entered into pursuant to authority of:</td>
</tr>
<tr>
<td>- X Section I, DEAR 970.5211-1 Work Authorization (May 2007)</td>
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<tr>
<th>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</th>
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<tbody>
<tr>
<td>A. The purpose of this modification is to incorporate the six (6) contract work authorizations listed below:</td>
</tr>
<tr>
<td>1) No. SR071801-15, Rev 2, for Center for Sustainable Groundwater and Soil Solutions: Attenuation-Based Remedies for the Subsurface Applied Field Research Initiative (ABRS AFRI) (See Attachment 1-A)</td>
</tr>
<tr>
<td>2) No. IN15035-15, Rev 9, for Energy and Threat (See Attachment 1-B)</td>
</tr>
<tr>
<td>3) No. HI-41003-15, Rev 5, for Fuel Cell Technologies (See Attachment 1-C)</td>
</tr>
<tr>
<td>4) No. EM-HBCU-0100-15, Rev 1, for Minority Serving Institution Partnership (See Attachment 1-D)</td>
</tr>
<tr>
<td>5) No. SR22470-15 Rev 0, for Support for International Program (See Attachment 1-E)</td>
</tr>
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<td>Continued ...</td>
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<th>15A. NAME AND TITLE OF SIGNER (Type or print)</th>
<th>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</th>
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<tbody>
<tr>
<td>Sylvia C. Maroney</td>
<td></td>
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<tr>
<th>15C. DATE SIGNED</th>
<th>16B. UNITED STATES OF AMERICA</th>
<th>16C. DATE SIGNED</th>
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<tr>
<td></td>
<td>Sylvia C. Maroney</td>
<td>9/2/15</td>
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STANDARD FORM 10 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

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<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
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<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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<td>6)</td>
<td>No. HI-Q091601-15, Rev 0, for Test Bed Development and Evaluation (See Attachment 1-F)</td>
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Funds were previously allocated by separate modification, reference SRNS Financial Plan No. #18, for Fiscal Year 2015, with the exception of No. SR22470-15, Rev 0, see block 10 of Work Authorization. (applicable pages of the FINPLAN are provided under Attachment 1-G).

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVENGER
203 LAURENS ST SW
AIKEN SC 298012421

DE-AC09-08SR22470

March 2010...

4. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to de-obligate (Department of Energy (DOE)) funds from FD051100 and FD0513000 (Legacy B&Rs), an American Recovery and Reinvestment Act (ARRA) project, in accordance with SRNS Fin Plan No. 21 for FY 2015. Funds in the amount of ($-1,253,542.56) are hereby de-obligated from CLIN 0003, thereby decreasing it from $1,396,049,858.61 to $1,394,796,316.05.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,974,195,824.72 to $7,972,942,282.16.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as hereunto changed, remains unchanged and in full force and effect.

Mary A. Garvin

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Marie A. Garvin

16B UNITED STATES OF AMERICA

16C DATE SIGNED

9/3/2015

STANDARD FORM 30 (REV 10-83)
C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
The purpose of this modification is as follows:

A. Pursuant to DOE Order 412.1A Work Authorization, and Contract Clause I.53 Obligation of Funds, the SNL Minor B&Rs outlined in Attachment 1A, "No Year Funds," are hereby extended through 9/30/2016; subject to the availability of funds.

B. All other Terms and Conditions remain the same.

Note: This modification provides guidance regarding availability of funds and the Period of Performance only. Contract work authorizations for FY 2016, will be incorporated by separate modifications. Funds for work authorizations will continue to be allocated upon
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

Angela S. Morton

(Signature of person authorized to sign)
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

<table>
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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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Availability of funds under SRNS FIN plans for FY 2016, in accordance to the terms and conditions of subject contract.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

7. ADMINISTERED BY (If other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR

9. AMENDMENT OF SOLICITATION NO.

10. MODIFICATION OF CONTRACT/ORDER NO.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as so amended, by one of the following methods: (a) By completing Items 12 and 15, and returning copies of the amendment; or (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 13A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ X Section I, DEAR 970.5211–1 Work Authorization (May 2007)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate Contract Work Authorization No. WW-410003-15, Rev 6, for Wind and Hydropower Tech Program (See Attachment 1-A). Funds were previously allocated by separate modification, reference SRNS Financial Plan Number 18, for Fiscal Year 2015 (applicable page of the FINPLAN is provided under Attachment 1-B).

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211–1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16A. NAME AND TITLE OF SIGNER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

Sylvia C. Maroney

(Chalice of person authorized to sign)

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by USA

FAR (48 CFR) 83.243
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<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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Note: See Contract Work Authorization for date approved by the Contracting Officer.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0568
3. EFFECTIVE DATE 09/17/2015
4. REQUISITION/PURCHASE REQ. NO. 155MM002898
5. PROJECT NO. (If applicable)
6. ISSUED BY AMENDMENT/ MODIFICATION NO. 0568
7. ADMINISTERED BY (If other than item 6) 00901

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801

AMENDMENT OF SOLICITATION NO.

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801

CODE 798861048

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $8,968,657.24

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D OTHER (Specify type of modification and authority)

X Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 22 for FY 2015. Funds in the amount of $8,968,657.24 are hereby obligated to CLIN 0001, thereby increasing it from $6,574,476,347.86 to $6,583,445,005.10.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,972,942,282.16 to $7,981,910,939.40.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

STANDARD FORM 30 (REV. 10-83)

NSN 7540-01-152-6070

Previous edition unusable

Prescribed by GSA

FAR (48 CFR) 53.243
<table>
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<th>UNIT (D)</th>
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<th>AMOUNT (F)</th>
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO.  
0569

3. EFFECTIVE DATE  
09/17/2015

4. REQUISITION/PURCHASE REQ. NO.  
15EM002898

5. PROJECT NO. (If applicable)  

6. ISSUED BY CODE  
00901

Savannah River Operations  
U.S. Department of Energy  
P.O. Box A  
Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6) CODE  

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)  
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVELING  
203 LAURENS ST SW  
AIKEN SC 298012421

9A. AMENDMENT OF SOLICITATION NO.  
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVELING  
203 LAURENS ST SW  
AIKEN SC 298012421

9B. DATED (SEE ITEM 11)  

10A. MODIFICATION OF CONTRACT/ORDER NO.  
DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)  

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ________ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter contains a reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $139,692.37

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated Funds) in accordance with SRNS FINPLAN No. 22 for FY 2015. Funds in the amount of $139,692.37 are hereby obligated to CLIN 0001, thereby increasing it from $6,583,445.005.10 to $6,583,584,697.47.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,981,910,939.40 to $7,982,050,631.77.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as hereinafter changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)  
Angela S. Morton

15B. CONTRACTOR/OFFER OR (Sign here only if designated as authorized signatory to sign this document)  

15C. DATE SIGNED  
9/17/15

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  

16B. ADDRESS OF CONTRACTING OFFICER  

United States of America

16C. DATE SIGNED  

STANDARD FORM 30 (REV 10-83)  
Prescribed by GSA  
FA R (48 CFR) 53.243
NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

<table>
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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
</tr>
</thead>
</table>

NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,982,050,631.77 includes obligation of $139,692.37 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $139,692.37 for a cumulative total of $8,656,689.33 to-date for FY 2015.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0570
3. EFFECTIVE DATE 09/17/2015
4. REQUISITION/PURCHASE REQ. NO. 15EM002898
5. PROJECT NO. (If applicable)

6. ISSUED BY
   NAME
   ADDRESS
   SAVANNAH RIVER OPERATIONS
   U.S. DEPARTMENT OF ENERGY
   P.O. BOX A
   AIKEN, SC 29802

7. ADMINISTERED BY
   NAME
   ADDRESS
   SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
   ATTN: LLOYD CLEVENGER
   203 LAURENS ST SW
   AIKEN, SC 298012421

THE ABOVE NUMBERED SOLICITATION IS AMENDED AS SET FORTH IN ITEM 14. THE HOUR AND DATE SPECIFIED FOR RECEIPT OF OFFERS IS NOT EXTENDED.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
   NET INCREASE: $1,154,037.66

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/OFFER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
   OTHER (Specify type of modification and authority)
   □ Clause 153 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E. IMPORTANT: Contractor is not required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 22 for FY 2015, as cited below:

1) Department of Commerce: (-$16,819.19)
2) Department of Defense: $691,835.34
3) Department of Homeland Security: $392,454.53
4) Department of State: $23,300.97
5) Department of Transportation: (-$12,137.71)
6) Nuclear Regulatory Commission: $184,466.02
7) Other: (-$109,062.30)
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as hereofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFER (Type or print)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

15C. DATE SIGNED

9/17/15

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

9/17/15

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
The total amount obligated is $1,154,037.66 thereby increasing it from $6,583,584,697.47 to $6,584,738,735.13.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,982,050,631.77 to $7,983,204,669.43.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: 0571

2. AMENDMENT/MODIFICATION NO: 00901

3. EFFECTIVE DATE: 09/21/2015

6. ISSUED BY: Savannah River Operations

7. ADMINISTERED BY: Savannah River Operations

8. NAME AND ADDRESS OF CONTRACTOR: SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

9. AMENDMENT OF SOLICITATION NO: X

10A. MODIFICATION OF CONTRACT/ORDER NO: DE-AC09-08SR22470

10B. DATED (SEE ITEM 11): 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☐ X Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E. IMPORTANT: Contractor ☐ is not ☐ is required to sign this document and return 0 copies to the issuing office

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCP section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to incorporate Contract Work Authorization No. KP W SR15, Rev 0, for Biological and Environmental Research (See Attachment 1-A). Funds were previously allocated by separate modification, reference SRNS Financial Plan Number 18, for Fiscal Year 2015 (applicable page of the FINPLAN is provided under Attachment 1-B).

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR NSN 7540-01-152-8070

15C. DATE SIGNED 9/28/15

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sylvia C. Maroney

16B. UNITED STATES OF AMERICA

(Signature of person authorized to sign) 

(Signature of Contracting Officer) 

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-03)

Previous edition unstable

Prescribed by GSA

FAR (48 CFR) 53.243
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>3. EFFECTIVE DATE</th>
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<th>5. PROJECT NO. (if applicable)</th>
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**Savannah River Operations**  
U.S. Department of Energy  
P.O. Box A  
Aiken SC 29802

**8. NAME AND ADDRESS OF CONTRACTOR** (Ne., street, city, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVINGER  
203 LAURENS ST SW  
AIKEN SC 298012421

**9A. AMENDMENT OF SOLICITATION NO.**

DE-AC09-08SR22470

**9B. DATED (SEE ITEM 11)**

01/10/2008

**10A. MODIFICATION OF CONTRACT/ORDER NO.**

DE-AC09-08SR22470

**10B. DATED (SEE ITEM 13)**

01/10/2008

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 6 and 15, and returning __________ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (if required)**

No Change to Accounting and Appropriation Data

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: X

- D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor ☐ is not. ☑ is required to sign this document and return 1 copy to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION** (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to extend the Period of Performance for the contract work authorizations listed below:

1) No. 11C-FY16, Rev. 0, for SR-0011C NM Stabilization and Disposition - 2035 Fund Code 01264  
2) No. 12-FY 16, Rev. 0, for SR-0012 SNF Stabilization and Disposition Fund Code 01265  
3) No. 13-FY16, Rev. 0, for SR-0013 Solid Waste Disposition Fund Code 01266  
4) No. 14C-FY16-Support, Rev. 0, for SR Services and Contract Interface  
5) No. 20-FY16, Rev. 0, for SR-0020 Safeguards and Security Fund Code 01250  
6) No. 30-FY16, Rev 0, for SR-0030 Soil and Ground Water Remediation Fund Code 01267

**15A. NAME AND TITLE OF SIGNER** (Type or print)

**John W. Temple, Senior Vice President**  
Contracts and Supply Chain Management

**15C. DATE SIGNED**

9/29/15

**16A. NAME AND TITLE OF CONTRACTING OFFICER** (Type or print)

Sylvia C. Maroney

**16B. UNITED STATES OF AMERICA**

Prescribed by CSA

**FAR (48 CFR) 53.243**

NSN 7540-01-152-8070

Previous edition unusable
Budget Authority obligated under most current contract modification and related approved financial plan executed under contract clauses B-4, Obligation of Funds, and I.53, DEAR 970.5232-4 Obligation of Funds (Dec 2000) applies. The period of performance is changed from "10/1/13 thru 9/30/16, to read "10/1/13 thru 9/30/16," for work authorization(s) listed above. This extension allows for the continuation of work subject to funds availability. SRNS shall comply with the restrictions cited under Funds Authorized for contract work authorizations, see attachments 1-A through 1-F, attached hereto.

B. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 6 and 15 and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and the amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

Net Decrease: $617,707.48

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

The purpose of this modification is to de-obligate (Department of Energy (DOE)) funds from Legacy B&R FD530000, an American Recovery and Reinvestment Act (ARRA) project, in accordance with SRNS Fin Plan No. 23 for FY 2015. Funds in the amount of $617,707.48 are hereby de-obligated from CLIN 0003, thereby decreasing it from $1,394,796,316.05 to $1,394,178,608.57.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,983,204,669.43 to $7,982,586,961.95.

continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as hereofore changed, remain unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)
John W. Temple, Senior Vice President
Contracts and Supply Chain Management

15B CONTRACTOR/OFFEROR (Signature of person authorized to sign)
John Temple

15C. DATE SIGNED 9/29/15

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Samuel A. Stewart

16B DATED (SEE ITEM 13) 01/10/2008

16C. DATE SIGNED 9/29/15

STANDARD FORM 30 (REV. 10-03)

Precedure action unasable

NSN 7540-01-152-6070

FAR (48 CFR) 53 243
C. The contract estimated value and all other terms and conditions remain unchanged. FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2 AMENDMENT/MODIFICATION NO. 0574

3 EFFECTIVE DATE See Block 16C

4 REQUISITION/PURCHASE REQ. NO.

5 PROJECT NO. (If applicable)

6 ISSUED BY CODE

7 ADMINISTERED BY (If other than item 6) CODE

8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801

9A AMENDMENT OF SOLICITATION NO.

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
P. O. Box A
Aiken SC 29802

9B DATED (SEE ITEM 11)

10A MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B DATED (SEE ITEM 13)

01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted. or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (If required)

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X Clause H-28, Performance-Based Incentives

D OTHER (Specify type of modification and authority)

E IMPORTANT: Contractor X is not required to sign this document and return copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to incorporate the Savannah River Nuclear Solutions (SRNS) Performance Evaluation Measurement Plan (PEMP), for the period October 1, 2015 through September 30, 2016, which is attached hereto. The attached PEMP is based upon conditional approval, granted September 24, 2015, reference Memorandum, Head of Contracting Activity, Office of Environmental Management.

B. All other terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B CONTRACTOR/OFFEROR

NSN 7540-01-152-8070

15C DATE SIGNED

Preceded edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 00575
3. EFFECTIVE DATE 09/30/2015
4. REQUISITION/PURCHASE REQ. NO. 15EM003069
5. PROJECT NO. (if applicable)

6. ISSUED BY
SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (if other than item 6) 00901

8. NAME AND ADDRESS OF CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 29801

9. NAME AND ADDRESS OF CONTRACTORS
SAVANNAH RIVER OPERATIONS
P.O. Box A
Aiken SC 29802

10A. AMENDMENT OF SOLICITATION NO.

10B. DATED (SEE ITEM 11)

11A. AMENDMENT OF SOLICITATION NO.

11B. DATED (SEE ITEM 11)

11C. AMENDMENT OF SOLICITATION NO.

11D. DATED (SEE ITEM 11)

12. ACCOUNTING AND APPROPRIATION DATA (if required)
Net Increase: $6,952,262.38

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER (Specify type of modification and authority)

X Clause 153 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 24 for FY 2015. Funds in the amount of $6,952,262.38 are hereby obligated to CLIN 0001, thereby increasing it from $6,584,738,735.13 to $6,591,690,997.51.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,982,586,961.95 to $7,989,539,224.33.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED 10/30/15

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. CONTRACTING OFFICER

16C. DATE SIGNED 10/30/15

16D. UNITED STATES OF AMERICA

STANDARD FORM 30 (REV. 10-83)
Prepared by GSA
FAR (48 CFR) 53.243

NSN 7540-01-162-8070
Previous edition unusable
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2 AMENDMENT/MODIFICATION NO 0576

3 EFFECTIVE DATE 09/30/2015

4 REQUISITION/PURCHASE REQ. NO 15EM003069

5 PROJECT NO (if applicable) 1

6 ISSUED BY Code

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7 ADMINISTERED BY (if other than Item 6) CODE

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 29801-2421

8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

CODE 798861048

9A AMENDMENT OF SOLICITATION NO.

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

9B DATED (SEE ITEM 11)

10A MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B DATED (SEE ITEM 13)

01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers: ☐ is extended ☐ is not extended.

☐ Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

☐ FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment and is received prior to the opening hour and date specified.

2 ACCOUNTING AND APPROPRIATION DATA (If required)

Net Decrease: -$7,399.53

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ OTHER (Specify type of modification and authority)

X Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E. IMPORTANT: Contractor ☐ is not ☑ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to de-obligate funds from CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated Funds) in accordance with SRNS PINPLAN No. 24 for FY 2015. Funds in the amount of (-$7,399.53) are hereby de-obligated from CLIN 0001, thereby decreasing it from $6,591,690,997.51 to $6,591,683,597.98.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,989,539,224.33 to $7,989,531,824.80.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and is in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)

L.C. Clevinger II
Director, Contracts

15B CONTRACTOR/ORDER NO.

15C DATE SIGNED 9-30-15

15D UNITED STATES OF AMERICA

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16B DATE SIGNED 9-30-15

STANDARD FORM 30 (REV 10-83)

Prepared by GSA

FAR (48 CFR) 53 243

NSN 7540-01-152-8070

Previous edition unusable
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $7,989,531,824.80 includes de-obligation of (-$7,399.53) of Non-Appropriated funds. The total amount of Non-Appropriated funds is decreased by (-$7,399.53) for a cumulative total of $8,649,289.80 to-date for FY 2015.

FOB: Destination

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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO 0577
3. EFFECTIVE DATE 09/30/2015
4. REQUISITION/PURCHASE REQ. NO 15EM003069
5. PROJECT NO. (if applicable)

01

PAGES

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

CODE 00901

FACILITY CODE 798861048

7. ADMINISTERED BY (if other than Item 6) OTHER CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $179,613.91

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority):

☒ Clause 153 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E. IMPORTANT: Contractor ☐ is not ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 24 for FY 2015, as cited below:

1) Department of Homeland Security: $180,000.00
4) Department of Justice: -$386.09

The total amount obligated is $179,613.91 thereby increasing it from $6,591,683,597.98 to $6,591,863,211.89.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED 01/10/2008

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED 01/10/2008

STANDARD FORM 30 (REV 10-63)

Prescribed by GSA

FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition usable.
and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,989,531,824.80 to $7,989,711,438.71.

C. The contract estimated value and all other terms and conditions remain unchanged

FOB: Destination

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<tr>
<th>ITEM NO.</th>
<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
<th>UNIT</th>
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0578

3. EFFECTIVE DATE 09/30/2015

4. REQUISITION/PURCHASE REO. NO. 15EM003073

5. PROJECT NO. (If applicable) 1

6. ISSUED BY CODE 00901

7. ADMINISTERED BY (If other than Item 6) CODE

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (Net, street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
Aiken SC 298012421

9A. AMENDMENT OF SOLICITATION NO. X

9B. DATED (SEE ITEM 11) 01/10/2008

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

10B. DATED (SEE ITEM 13) 01/10/2008

AMENDMENT/MODIFICATION NO. 0578 is issued pursuant to the authority of FAR 43.103(b).

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing Items 8 and 15, and returning ______ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Decrease: $23,696.65

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to de-obligate (Department of Energy (DOE)) funds from Legacy B&R FD530000, an American Recovery and Reinvestment Act (ARRA) project, in accordance with SRNS Fin Plan No. 25 for FY 2015. Funds in the amount of ($23,696.65) are hereby de-obligated from CLIN 0003, thereby decreasing it from $1,394,178,608.57 to $1,394,154,911.92.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $7,989,711,438.71 to $7,989,687,742.06.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) L.C. Clevinger II Director, Contracts

(Signature of person authorized to sign)

15C. DATE SIGNED 9/30/15

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Samuel A. Stewart

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED 9/30/15

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV 10-83) Prescribed by GSA
FAR (48 CFR) 53.243

1
2
C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

CODE 798661048 FACILITY CODE 01/10/2008

A. The purpose of this modification is to incorporate the revised Appendix P, Contracting Officer Representatives (CORs) List, under Section J - List of Attachments. Appendix P, is hereby superseded, and replaced with attachment 1 hereto.

B. The contract estimated value and all other terms and conditions remain unchanged.
Section J – List of Attachments
Appendix P
Contracting Officer Representatives (CORs)
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<th>TYPE OF COR</th>
<th>AREA OF AUTHORITY</th>
<th>DATE OF DESIGNATION</th>
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<td>Douglas Dearolph</td>
<td>Special Area COR NNSA Only</td>
<td>Site Office Mgr. NNSA SRSO Only</td>
<td>07/09/2009</td>
<td>Site Office Mgr. NNSA SRSO</td>
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<td>Michelle M. Ewart</td>
<td>NNSA Non-Proliferation Only</td>
<td>NNSA Non-Proliferation Only</td>
<td>11/21/2008</td>
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<td>Scott C. Cannon</td>
<td>Special Area COR NNSA Only</td>
<td>WSB, MOX, NNSA Only</td>
<td>10/17/2011</td>
<td>MOX Federal Project Director</td>
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<td>Christina T. Edward</td>
<td>Special Area COR NNSA Only</td>
<td>NNSA only – Region 3 Regional Response Coordinator, Radiological Assistance Program, NNSA</td>
<td>05/21/2008</td>
<td>Region 3 Response Coordinator, NNSA</td>
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<td>N. Carroll McFall</td>
<td>Special Area COR NNSA Only</td>
<td>NNSA only – NNSA SRSO</td>
<td>07/09/2009</td>
<td>NNSA – SRSO Asst Mgr – Mission</td>
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<td>Thomas Z. Cantey</td>
<td>Special Area COR NNSA Only</td>
<td>NNSA Only - WSB</td>
<td>11/21/2008</td>
<td>FPD, Waste Solidification Bldg</td>
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<tr>
<td>James W. McCullough</td>
<td>Special Area COR NNSA Only</td>
<td>NNSA only – MOX Project</td>
<td>02/18/2010</td>
<td>MOX Lead Project Engineer</td>
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<tr>
<td>M. Roxanne Jump</td>
<td>Special Area COR NNSA Only</td>
<td>NNSA Only – NNSA SRFO</td>
<td>07/09/2009</td>
<td>NNSA SRSO Asst Manager Facilities and Projects</td>
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<tr>
<td>David W. Alldridge</td>
<td>Special Area COR NNSA Only</td>
<td>NNSA Alternate Site Office Mgr. NNSA SRSO Only</td>
<td>08/18/2014</td>
<td>Deputy Site Office Mgr. NNSA SRSO</td>
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<td>Name</td>
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<td>Position/Project Details</td>
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<td>Sachilo W. McAlhany</td>
<td>Special Area COR NNSA Only</td>
<td>NNSA Only – Non-Proliferation</td>
<td>04/19/2011</td>
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<td>Richard W. Boyd</td>
<td>Special Area COR NNSA Only</td>
<td>NNSA only – PDC Project Lead for Ops, SRSO</td>
<td>02/18/2010</td>
<td>WSB Project Lead for Ops</td>
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<tr>
<td>John A. Lopez</td>
<td>Primary COR</td>
<td>EM Mission Support</td>
<td>09/18/2015</td>
<td>Director, Office of Integration and Planning</td>
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<td>Terrel J. Spears</td>
<td>Special Area COR</td>
<td>EM issues only</td>
<td>05/01/2008</td>
<td>EM Dep. Site Mgr., SRO</td>
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<td>James L. Folk</td>
<td>Special Area COR</td>
<td>EM Alternate, for Waste Disposition Projects Only</td>
<td>03/25/2009</td>
<td>Deputy Asst. Mgr. for Waste Disposition Project</td>
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<td>Patrick McGuire</td>
<td>Special Area COR</td>
<td>EM Nuclear Material Stabilization Projects only</td>
<td>05/01/2008</td>
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<td>Carl Lanigan</td>
<td>Special Area COR</td>
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<td>Angelia D. Adams</td>
<td>Special Area COR</td>
<td>EM Infrastructure and Environmental Stewardship Project issues Only</td>
<td>11/22/2013</td>
<td>Deputy Asst. Mgr. Infrastructure and Environmental Stewardship Project</td>
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<td>Patrick Jackson</td>
<td>Special Area COR</td>
<td>EM Office of Laboratory Oversight WFOs issues Only</td>
<td>12/07/2010</td>
<td>Senior Program Manager, Off of Lab Oversight</td>
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<td>Ron Bartholomew</td>
<td>Special Area COR</td>
<td>EM OSSES issues only - Safeguards, Security &amp; Emergency Services, Management</td>
<td>09/26/2011</td>
<td>Director, Safeguards, Security &amp; Emergency Services, Management</td>
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<td>Gary Peterson</td>
<td>Special Area COR</td>
<td>Savannah River National Laboratory (SRNL) EM, HQ Project Manager</td>
<td>06/20/2014</td>
<td>Savannah River National Laboratory (SRNL) EM, HQ Project Manager</td>
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<tr>
<td>Name</td>
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<td>R. Kevin Rorer</td>
<td>Special Area COR</td>
<td>SRNS Property Manager</td>
<td>Property Management Specialist issues only</td>
<td>02/18/2010</td>
</tr>
<tr>
<td>Lucy Knowles</td>
<td>Special Area COR</td>
<td>EM Site Chief Counsel for legal issues only</td>
<td>Chief Counsel</td>
<td>06/26/2013</td>
</tr>
<tr>
<td>Marlenia Murray</td>
<td>Special Area COR</td>
<td>Financial issues only</td>
<td>Financial Acquisition Analyst</td>
<td>11/01/2012</td>
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<tr>
<td>Irie W. Clarke</td>
<td>Special Area COR</td>
<td>Counterintelligence – IN 30 issues only</td>
<td>Procurement Specialist, IN-30</td>
<td>06/15/2012</td>
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<tr>
<td>Phillip &quot;Tony&quot; Polk</td>
<td>Special Area COR</td>
<td>EM Alternate, for Nuclear Material Stabilization Projects only</td>
<td>Director, Nuclear Materials Programs</td>
<td>10/07/2013</td>
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### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<th>9A. AMENDMENT OF SOLICITATION NO.</th>
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<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC</td>
<td></td>
</tr>
<tr>
<td>Attn: LLOYD CLEVINGER</td>
<td></td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
<td></td>
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<tr>
<td>Aiken SC 298012421</td>
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<th>CODE</th>
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<th>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</th>
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</thead>
<tbody>
<tr>
<td>☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.</td>
</tr>
</tbody>
</table>

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

<table>
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<th>12. ACCOUNTING AND APPROPRIATION DATA (If required)</th>
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<th>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</th>
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**CHECK ONE**

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5243-1 Changes (Dec 2000)

**E. IMPORTANT**

Contractor ☐ is not, ☐ is required to sign this document and return ______ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION** (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate Clause H-69, Management and Operating Contractor (M&O) Subcontract Reporting (Sep 2015), into Contract No. DE-AC09-08SR22470, as prescribed in the Department of Energy Acquisition Letter No. AL 2015-08 dated August 24, 2015, reference Policy Flash 2015-35. Clause H-69 is hereby incorporated as set forth on page 2 of 2 herein.

B. All other terms and conditions remain unchanged.

---

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA

Signature on File

04/04/2016

(STANDARD FORM 30 (REV. 10-83))

Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition unusable
## AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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Savannah River Operations  
U.S. Department of Energy  
P.O. Box A  
Aiken SC 29802

### 6 NAME AND ADDRESS OF CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVINGER  
203 LAURENS ST SW  
Aiken SC 298012421

### 7 ADMINISTERED BY (if other than Item 6)

Savannah River Operations  
U.S. Department of Energy  
P.O. Box A  
Aiken SC 29802

### 8 NAME AND ADDRESS OF CONTRACTOR (If, street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVINGER  
203 LAURENS ST SW  
Aiken SC 298012421

### 9A AMENDMENT OF SOLICITATION NO.

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC  
Attn: LLOYD CLEVINGER  
203 LAURENS ST SW  
Aiken SC 298012421

### 9B DATED (SEE ITEM 11)

01/10/2008

### 10A MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

### 10B DATED (SEE ITEM 13)

01/10/2008

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning separate letter or telegram which includes a reference to the solicitation and amendment number.

Failure of your acknowledgment to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12 ACCOUNTING AND APPROPRIATION DATA (If required)

No Change to Accounting and Appropriation Data

### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

**A.** This change order is issued pursuant to:  
(Specify authority)  
The changes set forth in Item 14 are made in the contract order no. in Item 10A.

**B.** The above numbered contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in Item 14, pursuant to the authority of FAR 43.103(b).

**C.** This supplemental agreement is entered into pursuant to authority of:

**X** DEAR 970.5243-1 Changes (Dec 2000)

**D.** Other (Specify type of modification and authority)

### 14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

**A.** The purpose of this modification is to replace Clause H-68, Report and Approval Requirements for Conference Related Activities under subject Contract, reference Acquisition Letter No. AL-2015-09, dated 08/25/2015, and Memorandum, the Deputy Secretary of Energy, dated 08/17/2015, subject Updated Guidance on Conference-Related Activities and Spending. The revised Clause H-68, entitled: Conference Management is set forth on page 2 through 3 herein, and hereby supersedes and replace the previous H-68 Clause.

**B.** All other terms and conditions remain unchanged.

---

*Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as hereinafter changed, remains unchanged and is in full force and effect.*

### 15A NAME AND TITLE OF SIGNER (Type or print)

Marie A. Garvin  
Senior Vice President  
Contracts and Supply Chain Management

### 15B CONRACfoot (Signature of person authorized to sign)

John W. Temple  
(Signature of person authorized to sign)

### 15C DATE SIGNED

10/21/15

### 16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Marie A. Garvin

### 16B UNITED STATES OF AMERICA

Marie Garvin

### 16C DATE SIGNED

10/21/15

---

NSN 7540-01-152-6070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA  
FAR (48 CFR) 53.243
H 68 Conference Management

The Contractor agrees that:

a) The contractor shall ensure that contractor-sponsored conferences reflect the DOE/NNSA's commitment to fiscal responsibility, appropriate stewardship of taxpayer funds and support the mission of DOE/NNSA as well as other sponsors of work. In addition, the contractor will ensure conferences do not include any activities that create the appearance of taxpayer funds being used in a questionable manner.

b) The definition of a conference is provided in Attachment 2 of a letter from the Deputy Secretary of Energy, to the Under Secretary for Science and Energy, the Under Secretary for Nuclear Security, the Deputy Under Secretary for Management and Performance, Head of All Departmental Elements, Field Site Managers, and Laboratory Directors entitled Updated Guidance on Conference-Related Activities and Spending, dated August 17, 2015.

c) Contractor-sponsored conferences include those events that meet the conference definition and either or both of the following:
   1) The contractor provides funding to plan, promote, or implement an event, except in instances where a contractor:
      i) covers participation costs in a conference for specified individuals (e.g., students, retirees, speakers, etc.) in a total amount not to exceed $10,000 (by individual contractor for a specific conference) or
      ii) purchases goods or services from the conference planners (e.g., attendee registration fees, renting booth space).
   2) The contractor authorizes use of its official seal, or other seals/logos/trademarks to promote a conference. Exceptions include non-M&O contractors who use their seal to promote a conference that is unrelated to their DOE contract(s) (e.g., if a DOE IT contractor were to host a general conference on cyber security).

d) Attending a conference, giving a speech or serving as an honorary chairperson does not connote sponsorship.

e) The contractor will provide information on conferences they plan to sponsor with expected costs exceeding $100,000 in the Department's Conference Management Tool, including:
   1) Conference title, description, and date
   2) Location and venue
   3) Description of any unusual expenses (e.g., promotional items)
   4) Description of contracting procedures used (e.g., competition for space/support)
   5) Costs for space, food/beverages, audio visual, travel/per diem, registration costs, recovered costs (e.g., through exhibition fees)
   6) Number of attendees

f) The contractor will not expend funds on the proposed contractor-sponsored conferences with expenditures estimated to exceed $100,000 until notified of approval by the contracting officer.

g) For DOE-sponsored conferences, the contractor will not expend funds on the proposed conference until notified by the contracting officer.
1) DOE-sponsored conferences include events that meet the definition of a conference and where the Department provides funding to plan, promote, or implement the conference and/or authorizes use of the official DOE seal, or other seals/logos/trademarks to promote a conference. Exceptions include instances where DOE:
   i) covers participation costs in a conference for specified individuals (e.g., students, retirees, speakers, etc.) in a total amount not to exceed $10,000 (by individual contractor for a specified conference) or
   ii) purchases goods or services from the conference planners (e.g., attendee registration fees; renting booth space); or providing funding to the conference planners through Federal grants.

2) Attending a conference, giving a speech, or serving as honorary chairperson does not connote sponsorship.

3) The contractor will provide cost and attendance information on their participation in all DOE-sponsored conference in the DOE Conference Management Tool.

h) For non-contractor sponsored conferences, the contractor shall develop and implement a process to ensure costs related to conferences are allowable, allocable, reasonable, and further the mission of DOE/NNSA. This process must at a minimum:
   1) Track all conferences expenses.
   2) Require the Laboratory Director (or equivalent) or Chief Operating Officer approve a single conference with net costs to the contractor of $100,000 or greater.

i) Contractors are not required to enter information on non-sponsored conferences in DOE’s Conference Management Tool.

j) Once funds have been expended on a non-sponsored conference, contractors may not authorize the use of their trademarks/logos for the conference, provide the conference planners with more than $10,000 for specified individuals to participate in the conference, or provide any other sponsorship funding for the conference. If a contractor does so, its expenditures for the conference may be deemed unallowable.

(THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK)
### AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT

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<td>Attn: LLOYD CLEVINGER</td>
<td>Attn: LLOYD CLEVINGER</td>
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<td>203 LAURENS ST SW</td>
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<td>□ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers □ is extended. □ is not extended.</td>
</tr>
<tr>
<td>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ______ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</td>
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<td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO. (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td>
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<td>B. THE ABOVE NUMBERED CONTRACTORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
</tr>
<tr>
<td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
</tr>
<tr>
<td>D. OTHER (Specify type of modification and authority)</td>
</tr>
<tr>
<td>□ Section I, DEAR 970.5211-1 Work Authorization (May 2007)</td>
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| E. IMPORTANT: Contractor □ is not. □ is required to sign this document and return ______ copies to the issuing office. |

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<th>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC, section headings, including solicitation/contract subject matter where feasible)</th>
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<tbody>
<tr>
<td>A. The purpose of this modification is to incorporate Contract Work Authorization No. HI-41003-15, Rev 6, for Fuel Cell Technologies (See Attachment 1-A). Funds were previously allocated by separate modification, reference SRNS Financial Plan Number 24, for Fiscal Year 2015 (applicable page of the FINPLAN is provided under Attachment 1-B).</td>
</tr>
<tr>
<td>B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.</td>
</tr>
<tr>
<td>C. The contract estimated value and all other terms and conditions remain unchanged.</td>
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Excerpt as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

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<td>Sylvia C. Maroney</td>
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<th>15D. SIGNATURE OF CONTRACTING OFFICER (Signature of person authorized to sign)</th>
<th>15E. SIGNATURE OF CONTRACTING OFFICER (Signature of person authorized to sign)</th>
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<td>Sylvia C. Maroney</td>
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## Contract Work Authorization

### Supporting Documentation Index

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<th>Work Proposal Number</th>
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<tr>
<td>B</td>
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Note: Funding previously allocated under FINPLAN 24, FY 2015. The Contract Work Authorization was reviewed via DOE- SR Electronic System for Approval. The generated Contract Work Authorization with the reviewers and/or approvals concurrences is considered the validated signed copy by all parties, inclusive of the above supporting documentation for official contract file for Modification No. 0582/STRIPE Procurement System.
1a. Project Title: Fuel Cell Technologies
1b. Work Proposal Number (if applicable): AOP#8.5.0.901, AOP#4.2.902
1c. Performing Organization: SRNL

2. Headquarters Program Point of Contact.
   Name: Sunita Satyapal
   Organization Code: EE-3F
   Telephone No.: 202-586-2336

3. Headquarters Budget Point of Contact.
   Name: Marion Harris
   Organization Code: EE-3B
   Telephone No.: 202-586-2084

5. Responsible Secretarial Officer: David Danielson


7a. Site and Facility Management Contractor: Savannah River Nuclear Solutions, LLC
7b. Contractor Point of Contact:
   Name: John Temple
   Telephone No.: 803-952-7210

8. Work Authorization Number: HI-41003-15
9. Revision Number: 6

10. Funds Authorized (See note below)
In accordance with the approved Energy Efficiency and Renewable Energy Fuel Cell Technologies Office FY 2015 spend plan, funding has been planned for obligation and expenditure in accordance with program guidance as indicated below. Required changes can be completed via an Agreement Funds Transfer coordinated in the Corporate Planning System (CPS).

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<td>285,000.00</td>
<td>2,080,000.00</td>
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</tbody>
</table>

11. Performance Period Covered by Funds. (See NOTE in block 10)
From: 10/01/2014 To: 09/30/2015

12. Work Start Date: 10/01/2014
13. Expected Completion Date: 09/30/2015

14. Statement of Work (includes attachments)
Funding is authorized by the Fuel Cell Technologies Office to perform work in the areas of:
* Production; Delivery: Production of hydrogen from domestic resources with a focus on renewables and low carbon pathways, as well as delivery of hydrogen to meet costs of $2 to $4 per gallon gasoline equivalent.
* Hydrogen Storage: Storage of hydrogen on vehicles with secondary emphasis on early market applications.
* Fuel Cells: Conversion of chemical energy of hydrogen and other fuels to electricity with a focus on transportation applications and secondary emphasis on stationary and portable power applications.
* Technology Validation: Technical validation of systems in real-world environments.
* Safety, Codes & Standards: Safety-related research and facilitation of the development of model codes and standards for widespread domestic and international commercialization of hydrogen and fuel cell technologies.
* Systems Analysis: Understanding the complex interactions among components, system costs, energy efficiency, environmental impacts, societal impacts, and system trade-offs.
* Manufacturing: Research and development of manufacturing technologies and processes to lower the cost of hydrogen and fuel cell systems and components.
* Market Transformation: Accelerates the commercialization and early adoption of hydrogen and fuel cell technologies.

Reporting Requirements
The laboratory receiving the funds will be responsible for reporting all funding obligations and cost to headquarters. The laboratory recipient must maintain obligations and cost data at the agreement level, and the data must be made available to Energy Efficiency and Renewable Energy.

15. Technical Point of Contact

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ted Motyka/Anon</td>
<td>SRS Technical Point of Contact</td>
<td><a href="mailto:ted.motyka@sml.doe.gov">ted.motyka@sml.doe.gov</a></td>
<td>(803) 507-8548</td>
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SRS Technical Point of Contact Manager

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>Steve Wach/Anon</td>
<td>SRS Technical Point of Contact Manager</td>
<td><a href="mailto:steve.wach@sml.doe.gov">steve.wach@sml.doe.gov</a></td>
<td>(803) 646-1150</td>
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16. DOE-SR Program Point of Contact

<table>
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<tr>
<th>Name</th>
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<tbody>
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<td>Patrick Jackson/Anon</td>
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17. DOE-SR Field Budget Official

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<th>Name</th>
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<tbody>
<tr>
<td>Harold Nielsen/Anon</td>
<td>DOE/Anon</td>
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18. Contractor's Authorized Representative

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Email</th>
<th>Phone</th>
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</thead>
<tbody>
<tr>
<td>Lloyd Clevinger/Anon</td>
<td>SRNS/Anon</td>
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19. DOE-Contracting Officer (or delegated representative)

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<tr>
<td>Sylvia Maroney/Anon</td>
<td>DOE/Anon</td>
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I accept the scope and funding requirements and have no issues meeting the requirements. ☐ Yes ☐ No

DOE-SR Program POC

DOE-SR Work Authorization Program

DOE Order 412 Compliance Checksheet

<table>
<thead>
<tr>
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<th>Work Authorization Number</th>
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<tr>
<td>Fuel Cell Technologies</td>
<td>HI-41003-15</td>
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At a minimum, each work authorization will contain the following information:

- Yes  No Project title and reference to work proposal number, if applicable
- Yes  No Headquarters programmatic point of contact, organization, and telephone number
- Yes  No Headquarters budget point of contact, organization code, and telephone number
- Yes  No Responsible program
- Yes  No Responsible program Secretarial Officer
- Yes  No Responsible field organization
- Yes  No Responsible contracting officer if different from above
- Yes  No Site/facility management contractor name, point of contact, and telephone number
- Yes  No Work authorization number, with revision number if applicable
- Yes  No Budget and reporting code and funding level
- Yes  No Dates for performance period, work start, and work completion
- Yes  No Statement of work (see paragraph below)
- Yes  No Headquarters, field organization, contractor, and if involving changes to scope, schedule, or funding, contracting officer signature blocks
- Yes  No Reporting requirements, including (a) project management or status reports and (b) reports or publications for the purpose of informing DOE, the scientific community, and the public of the project results (e.g., scientific advances or technical progress)

The statement of work will include the following information as appropriate:
<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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<tbody>
<tr>
<td>Detailed statement of work to be performed or reference to a work proposal, project plan, or similar document describing the scope of work in detail</td>
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<tr>
<td>Required milestone dates</td>
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<tr>
<td>Deliverables, including technical information as required by DOE O 241.1A, Scientific and Technical Information Management</td>
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<tr>
<td>Associated performance-based indicators/targets consistent with DOE O 120.1-5, Guidelines for Performance Measurement, and any additional guidance that will assist the contractor in the performance of the work.</td>
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**Reviewer's Comments**

This authorization is: Accepted. If rejected, then comments are provided in this space.

**DOE-SR Program Point of Contact**

Patrick Jackson/DOE/Srs

Date

09/30/2015 08:37 AM

**DOE-SR Field Budget Official**

**BEARS database search complete and results attached to WAD package?**  

<table>
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<tr>
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**Funding constrained: (Year constrained: CR; etc.) On FinPlan #24**

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<th>1-year money</th>
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<th>Free money</th>
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**Is this funding in the Fin Plan?**

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<tr>
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**Necessary expense:**

1. Does the expenditure bear a logical relationship to the appropriation sought to be charged? In other words, does it must make a direct contribution to carrying out either a specific appropriation or an authorized agency function for which more general appropriations are available?  

<table>
<thead>
<tr>
<th>Yes</th>
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2. Is the expenditure prohibited by law?  

<table>
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<tr>
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<th>No</th>
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3. Is the expenditure otherwise provided for, that is, is it an item that falls within the scope of some other appropriation or statutory funding scheme?  

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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**Contract Mod Admin**

**Contract Mod #**

0582

**Attach Signed Mod**

**Attachments**

PKG HI-410003-15 R6.pdf

**Notify on Approval**

John Olschow/SRNL/Srs, Matthew Biasiny/SRNS/Srs

**General Comment**
10/13/2015 12:47:23 PM Christine Cortin Although the Contract Work Authorization was processed 10/07/2015. The funds were allocated under FINPLAN #24, issued September 30, 2015; the modifications allocating were issued September 30, 2015 (mods 0575, 0576, and 0577 approved/signed 09/30/2015). The Memorandum to Terry Michaeliske, FED 15-8123 SEP, in the description of work, stated the Incremental FY 2015 Funding was provided to ensure continuation of efforts through Q1 FY 2016. No exception was taken by the CO for the WA effective date to be based on funding, and the date of allocation (No changed made to WA No. HI-410003-15, Rev 6)

39/30/2015 08:47:26 AM Belinda Tilley Ardica CRADA CR-12-001 Agreement # 22272 $200,000

Work Authorization: In Process

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Previous Process - Work Authorization: Approved on 09/30/2015

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Reviewers

<table>
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<tr>
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<th>Date Time</th>
<th>Action</th>
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<tbody>
<tr>
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<tr>
<td>Sharon Perella</td>
<td>10/7/2015 10:12:53 AM</td>
<td>Reviewed</td>
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</table>
U.S. DEPARTMENT OF ENERGY
CONTRACT WORK AUTHORIZATION

1a. Program Title: Fuel Cell Technologies Office
1b. Work Proposal Number (if applicable): FY15 AOP

2. Headquarters Program Point of Contact:
   Name: Sunlta Satyapal
   Organization Code: EE-3F
   Telephone No: (202) 586-2336

3. Headquarters Budget Point of Contact:
   Name: Marton Harris
   Organization Code: EE-3B
   Telephone No: (202) 586-2084

5. Responsible Secretarial Officer: David Danielson

6. Responsible Field Element:
   Savannah River Site Office

7a. Site and Facility Management Contractor:
    Savannah River Nuclear Solutions, LLC

7b. Contractor Point of Contact:
    Name: Ted Mottyka
    Telephone No: (803) 725-3665

8. Work Authorization Number:
   HI-410003-15

10. Funds Authorized:
    Congressional Control | Previous | Change | Current
    HT00000000 | $1,795,000.00 | $285,000.00 | $2,080,000.00

11. Performance period covered by funds:
    From: 10/01/2014 To: 09/30/2015

13. Expected Completion Date:
    10/01/2014

14. Statement of Work:
    Funding in the amount of $285,000.00 is authorized by the Fuel Cell Technologies Office to perform work in the areas of:
    • Production: Delivery: Production of hydrogen from domestic resources with a focus on renewables and low carbon pathways, as well as delivery of hydrogen to meet costs of $2 to $4 per gallon gasoline equivalent
    • Hydrogen Storage: Storage of hydrogen on vehicles with secondary emphasis on early market applications.
    • Fuel Cells: Conversion of chemical energy of hydrogen and other fuels to electricity with a focus on transportation applications and secondary emphasis on stationary and portable power applications.
    • Technology Validation: Technical validation of systems in real-world environments.
    • Safety, Codes & Standards: Safety-related research and facilitation of the development of model codes and standards for widespread domestic and international commercialization of hydrogen and fuel cell technologies.
    • Systems Analysis: Understanding the complex interactions among components, system costs, energy efficiency, environmental impacts, societal impacts, and system trade-offs.
    • Manufacturing: Research and development of manufacturing technologies and processes to lower the cost of hydrogen and fuel cell systems and components.
    • Market Transformation: Accelerates the commercialization and early adoption of hydrogen and fuel cell technologies.

16. Work Authorization Program Official:
   Name (typed): Sunita Satyapal, Director
   Signature: 987dd5b8-f557-44ef-8614-48b500f044
   Date: 9/1/2015
17. DOE Field Organization Official:

<table>
<thead>
<tr>
<th>Name (typed):</th>
<th>Signature:</th>
<th>Date:</th>
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18. Contractor's Authorized Representative:

<table>
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<tr>
<th>Name (typed):</th>
<th>Signature:</th>
<th>Date:</th>
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19. DOE Contracting Officer (or delegated representative):

<table>
<thead>
<tr>
<th>Name (typed):</th>
<th>Signature:</th>
<th>Date:</th>
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</table>

* The work authorization number will consist of the program code, AFP code, and the fiscal year

FED 15-8123 - Sep
MEMORANDUM FOR:  Terry Michalske, Savannah River Nuclear Solutions
                              Savannah River National Laboratory (SRNL)

SUBJECT:  FY 2015 Fuel Cell Technologies Office Funding for Savannah River National Laboratory (SRNL)

In accordance with the approved Energy Efficiency and Renewable Energy Fuel Cell Technologies Office FY 2015 spend plan, funding has been planned for obligation and expenditure in accordance with program guidance as indicated below. Required changes can be completed via an Agreement Funds Transfer coordinated in the Corporate Planning System (CPS). The laboratory receiving the funds detailed in this letter will be responsible for reporting all funding obligations and cost to headquarters. The laboratory recipient must maintain obligations and cost data at the agreement level, and the data must be made available to Energy Efficiency and Renewable Energy.

PROGRAM GUIDANCE:

Funding Summary

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<tr>
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Funding Action # 60203 (Regular, Operating), HQ POC: Randolph, Katie, Field POC: Motyka, Ted

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<th>B&amp;R Code</th>
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<tr>
<td>Agreement #26126 - STCH SRNL: HyS Cycle Electrolyzer R&amp;D</td>
<td>HT0201000-05450-1009191</td>
<td>$85,000.00</td>
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Description of Work: Incremental FY2015 funding is provided to ensure continuation of efforts through Q1 FY16 on the HyS cycle RD&D based on the SRNL application submitted and selected from DE-FOA-0000826 in FY2014. The project will continue to focus on advanced membranes and catalysts for the electrolysis step and on system design, analysis and modeling. Using the newly constructed pressurized button cell test facility, MEA performance that achieves greater than 50 mV lower cell voltage than the baseline Nafion MEA (which will be established during the first quarter) will be demonstrated for at least one high-temperature SDE membrane. Achievement of this milestone is the first part of a longer range development program aimed at >100 mV cell voltage reduction, which will establish the potential of the Solar HyS process to meet the MYRDD performance goals for solar thermochemical hydrogen production.

Funding Action # 60306 (Regular, Operating), HQ POC: Stetson, Ned, Field POC: Motyka, Ted

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<tbody>
<tr>
<td>Agreement #22272 - SRNL - Alane - Support for CRADA with Ardica</td>
<td>HT0202000-05450-1009192</td>
<td>$200,000.00</td>
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Description of Work: Agreement: 22272; Hydrogen storage R&D - Support for CRADA with Ardica

Direct synthesis of alane from hydrogen and aluminum is unfeasible due to the high pressure of hydrogen required by thermodynamics. Conventional chemical methods for alane synthesis involves use of highly-volatile, highly-flammable solvents and use of high-cost reactants. This project concerns the development of a lower-cost, high-efficiency electrochemical route for alane synthesis. Ardica, a small business, has implemented a CRADA with SRNL for the development and transition of the technology from SRNL to commercial production. In FY15 and FY16 SRNL will continue developing improved processes for the electrochemical production of alane for implementation into commercial production, including investigating alternative solvents to improve reaction kinetics and improved recrystallization procedures.

Sunita Satyapal, Director
Fuel Cell Technologies Office
Energy Efficiency and Renewable Energy

CC: Leza Roberson (SRS)
Lonnie Gordon (SRNL)
Patricia Petty (SRS)
Patrick R. Jackson (SRS)
# Financial Plan Report - Detail

### SR22470 - Savannah River Nuclear Solutions (SRNS)

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**AY 2015 - FY2015 Electrolyzer R & D agreement #26126 HT201000 for $85k sch 9/29/15**

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**AY 2015 - FY2015 CRAA with Actica Agreement #22272 for 200k sch 9/29/15**

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**Total for Program Parent/Control Point: HT0100000**

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<th>Previous</th>
<th>BA Change</th>
<th>Revised</th>
<th>Total Available</th>
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<td>ZA</td>
<td>1009192</td>
<td>HT2022000</td>
<td>25400</td>
<td>0000000</td>
<td>000000</td>
<td>000000</td>
<td>SR22470-SR Savannah River Nuclear Solutions ($RNS)</td>
<td>78,305,397.44</td>
<td>349,782,969.53</td>
<td>7,124,476.76</td>
<td>356,907,448.29</td>
<td>435,212,843.73</td>
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**Total for Recipient Code: SR**

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<th>Project</th>
<th>WFO</th>
<th>Legacy Order Number</th>
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<th>Previous</th>
<th>BA Change</th>
<th>Revised</th>
<th>Total Available</th>
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</thead>
<tbody>
<tr>
<td>410003</td>
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<td>HT2022000</td>
<td>25400</td>
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<td>000000</td>
<td>000000</td>
<td>SR22470-SR Savannah River Nuclear Solutions ($RNS)</td>
<td>78,305,397.44</td>
<td>349,782,969.53</td>
<td>7,124,476.76</td>
<td>356,907,448.29</td>
<td>435,212,843.73</td>
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</table>

**Total for Reporting Entity: 410003**

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<td>7,124,476.76</td>
<td>356,907,448.29</td>
<td>435,212,843.73</td>
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</tbody>
</table>
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (if applicable)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer if you value this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

6. ISSUED BY CODE

7. ADMINISTERED BY (if other than Item 6) CODE

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No. street, city, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Attn: LLOYD CLEVINGER
203 LAURENS ST SW
AIKEN SC 298012421

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED (SEE ITEM 13)

CODE

FACILITY CODE

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer if you value this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

- Net Increase: $139,550,370.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

D. OTHER (Specify type of modification and authority) CLAUSE I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E. IMPORTANT: Contractor is not required to sign this document and return 0 copies to the issuing office

- Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 1 for FY 2016. Funds in the amount of $139,550,370.00 are hereby obligated to CLIN 0001, thereby increasing it from $6,591,863,211.89 to $6,731,431,581.89.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $7,989,687,742.06 to $8,129,238,112.06.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

05/03 10/20/2015

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Sylvia C. Maroney

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

05/03 10/20/2015
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<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
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<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ NO</th>
<th>5. PROJECT NO (if applicable)</th>
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<td>3.</td>
<td>10/20/2015</td>
<td>16EM000141</td>
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6. ISSUED BY CODE

| Savanah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802 |

7. ADMINISTERED BY CODE

| 8. NAME AND ADDRESS OF CONTRACTOR (Ne, street, county, State and ZIP Code) |
| SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421 |

| 9A. AMENDMENT OF SOLICITATION NO |
| 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470 |

10B. DATED (SEE ITEM 13) 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

| Net Increase: $679,611.65 |

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- This change order is issued pursuant to (Specify authority) The changes set forth in Item 14 are made in the contract order no. in Item 10A
- The above numbered contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in Item 14, pursuant to the authority of FAR 43.103(b)
- This supplemental agreement is entered into pursuant to authority of:
  - X Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

The purpose of this modification is to: (1) obligate funds to CLIN 0001, and (2) correct clerical error under Modification 0572, reference Period of Performance for continuation of work subject to availability of funds. Accordingly, the following applies:

A. Department of Defense funds (Reimbursable Work for Other Federal Agency) in the amount of $679,611.65 are hereby obligated to CLIN 0001. The total amount of CLIN 0001 is hereby increased from $6,731,413,581.89 to $6,732,093,193.54.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,129,238,112.06 to Continued...
C. Under Modification 0572, block 14(A), page 2, the period of performance is change to read: from "10/1/13 thru 9/30/15, to read "10/1/13 thru 9/30/16."

D. The contract estimated value and all other terms and conditions remain unchanged

FOB: Destination

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
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<tr>
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<td>(B)</td>
<td>(C)</td>
<td>(D)</td>
<td>(E)</td>
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$8,129,917,723.71.
## Amendment of Solicitation/Modification of Contract

<table>
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<th>2. <strong>Amendment/Modification No.</strong></th>
<th>3. <strong>Effective Date</strong></th>
<th>4. <strong>Requisition/Purchase Req. No.</strong></th>
<th>5. <strong>Project No.</strong> (If applicable)</th>
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<td>Savannah River Operations</td>
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<td>P.O. Box A</td>
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<tr>
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<td>Aiken SC 29802</td>
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### 8. Name and Address of Contractor

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<tr>
<th>Name and Address of Contractor</th>
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<th>Facility Code</th>
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<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC</td>
<td>798861048</td>
<td></td>
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<tr>
<td>Attn: LLOYD CLEVINGER</td>
<td>203 LAURENS ST SW</td>
<td></td>
</tr>
<tr>
<td>AIKEN SC 29801</td>
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### 11. This Item Only Applies to Amendments of Solicitations

- [ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers — is extended. — is not extended
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and the amendment, and is received prior to the opening hour and date specified.

### 12. Accounting and Appropriation Data

- No Change to Accounting and Appropriation Data

### 13. This Item Only Applies to Modification of Contracts/Orders. It Modifies the Contract/Order No. as Described in Item 14.

<table>
<thead>
<tr>
<th>Check One</th>
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<tbody>
<tr>
<td>A. This Change Order is Issued Pursuant To: (Specify authority) The Changes Set Forth in Item 14 Are Made in the Contract Order No. in Item 10A.</td>
</tr>
<tr>
<td>B. The Above Numbered Contract/Order Is Modified to Reflect the Administrative Changes (such as changes in paying office, appropriation date, etc.) Set Forth in Item 14, Pursuant to the Authority of FAR 43.103(b).</td>
</tr>
<tr>
<td>C. This Supplemental Agreement is Entered Into Pursuant to Authority of:</td>
</tr>
<tr>
<td>D. Other (Specify Type of Modification and Authority)</td>
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</table>

### 14. Description of Amendment/Modification

A. The purpose of this modification is to incorporate the three (3) contract work authorizations listed below:

1) No. KC/SR1/6-16, Rev 0, for Basic Energy Sciences (See Attachment 1-A)
2) No. IN16035-16, Rev 0, for Energy and Threat (See Attachment 1-B)
3) No. HI-410003-16, Rev 0, for Fuel Cell Technologies (See Attachment 1-C)

Funds were previously allocated by separate modification, reference SRNS Financial Plan No. #1, for Fiscal Year 2016 (applicable pages of the FINPLAN are provided under Attachment 1-D).

### 15A. Name and Title of Signer

<table>
<thead>
<tr>
<th>Signature of person authorized to sign</th>
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<tbody>
<tr>
<td>Sylvia C. Maroney</td>
</tr>
</tbody>
</table>

### 16A. Name and Title of Contracting Officer

<table>
<thead>
<tr>
<th>Signature of Contracting Officer</th>
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<tbody>
<tr>
<td>Sylvia C. Maroney</td>
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### 16B. United States of America

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<td>7540-01-152-8070</td>
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### 16C. Date Signed

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</tr>
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<tbody>
<tr>
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B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

12. ACCOUNTING AND APPROPRIATION DATA (if required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

The purpose of this administrative modification is to correct a clerical error on Modification 0583, and include the attachments that were inadvertently omitted from Modification 0585.

A. Under Modification 0583, Block 14, paragraph A, the to amount is changed to read "$6,731,413,581.89" versus "$6,731,431,581.89." The "431" should have read "413."

B. Under Modification 0585, the contract work authorizations and supporting documentation was not attached. The documents are provided as Attachment 1, hereto.

C. The contract estimated value and all other terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

Sylvia C. Maroney

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV 10-83)
Prepared by GSA
FAR (48 CFR) 53.243

(Original of person authorized to sign)

(Signature of Contracting Officer)

10/29/15
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
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<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ NO</th>
<th>5. PROJECT NO (If applicable)</th>
<th>7. ADMINISTERED BY (If other than Item 6)</th>
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<td>U.S. Department of Energy</td>
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<td>Aiken SC 29802</td>
</tr>
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#### 8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Att: OLOYD CLEVINGER II  
203 LAURENS ST SW  
AIKEN SC 29801

#### 9A AMENDMENT OF SOLICITATION NO

<table>
<thead>
<tr>
<th>9B. DATED (SEE ITEM 11)</th>
<th>10A MODIFICATION OF CONTRACT/ORDER NO</th>
<th>10B. DATED (SEE ITEM 13)</th>
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<td>01/10/2008</td>
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#### 11 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended [ ] is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods: (a) By completing Items 8 and 11, and returning ______ copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted. (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

#### 12 ACCOUNTING AND APPROPRIATION DATA (If required)

No Change to Accounting and Appropriation Data

#### 13 THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT ORDER NO. AS DESCRIBED IN ITEM 14.

| CHECK one | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) the changes set forth in Item 14 are made in the contract order no. in Item 10A.  
|-----------| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN Item 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(a).  
|           | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF  
|           | X Section I, DEAR 970.5211-1 Work Authorization (May 2007)  
|           | D. OTHER (Specify type of modification and authority)  

#### 14 DESCRIPTION OF AMENDMENT/MODIFICATION

(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**A. The purpose of this modification is to incorporate the two (2) contract work authorizations listed below:**

1) No. IN16035-16, Rev 0, for Energy and Threat (see Attachment 1-A)  
2) No. 89X0319-16, Rev 0, for Fuel Cycle Technologies (see Attachment 1-B)

Funds were previously allocated by separate modification, reference SRNS Financial Plan No. 1, for Fiscal Year 2016 (applicable pages of the FINPLAN are provided under Attachment 1-C).

**B. This modification formally incorporates the above referenced contract work**

Continued ...

Except as provided herein, all items and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

#### 15A NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

#### 15B CONTRACTOR/OFFEROR

AVANNAH RIVER NUCLEAR SOLUTIONS LLC

#### 15C DATE SIGNED

11/13/15

#### 16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Sylvia C. Maroney

#### 16B UNITED STATES OF AMERICA

Savannah River Operations

#### 16C DATE SIGNED

11/13/15

NSN 7540-01-152-8070  
Previous edition unusable  
STANDARD FORM 30 (REV 10-83)  
Proscribed by USA  
FAR (48 CFR) 53 243
authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2 AMENDMENT/MODIFICATION NO. 0588
3 EFFECTIVE DATE 11/16/2015
4 REQUISITION/PURCHASE REQ NO 16EM000294
5 PROJECT NO (if applicable)

6 ISSUED BY CODE 00901
Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7 ADMINISTERED BY (if other than Item 6) CODE

8 NAME AND ADDRESS OF CONTRACTOR (Ref. no., street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9A AMENDMENT OF SOLICITATION NO

9B DATED (see item 11)

10A MODIFICATION OF CONTRACT/ORDER NO
DE-AC09-08SR22470

10B DATED (see item 13) 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended. By one of the following methods: (a) By completing items 8 and 15 and returning copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted. (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter provided each telegram or letter makes reference to the solicitation and this amendment and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (if required)
Net Increase: $11,570,326.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 4 for FY 2016. Funds in the amount of $11,570,326.00 are hereby obligated to CLIN 0001, thereby increasing it from $6,732,093,193.54 to $6,743,663,519.54.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,129,917,723.71 to $8,141,488,049.71.

C. The contract estimated value and all other terms and conditions remain unchanged.

15A NAME AND TITLE OF SIGNER (Type or print)
Sylvia C. Maroney

15B CONTRACTOR/OFFEROR NSN 7540-01-152-8070

15C DATE SIGNED 11/16/15

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B UNITED STATES OF AMERICA

16C DATE SIGNED

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV) 10-83
Prescribed by SSA
FAR (48 CFR) 53.243
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FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<td>A.</td>
<td>The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds)) in accordance with SRNS FINPLAN No. 4 for FY 2016. Funds in the amount of $2,906.16 are hereby obligated to CLIN 0001, thereby increasing it from $6,743,666,519.54 to $6,743,666,425.70.</td>
</tr>
<tr>
<td>B.</td>
<td>As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled &quot;Obligation of Funds,&quot; is hereby revised to increase the total amount of funds obligated to the contract from $8,141,488,049.71 to $8,141,490,955.87.</td>
</tr>
<tr>
<td>C.</td>
<td>The contract estimated value and all other terms and conditions remain unchanged. Continued ...</td>
</tr>
</tbody>
</table>

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as hereafter changed, remain unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print) 16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

15B CONTRACTOR/OFFEROR 15C DATE SIGNED 16B UNITED STATES OF AMERICA 16C DATE SIGNED

(Person authorized to sign) (Signature of Contracting Officer)

STANDARD FORM 30 (REV 10-83)

Prescribed by GSA

FAR (48 CFR) 53 243
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2 AMENDMENT/MODIFICATION NO. 0590
3 EFFECTIVE DATE See Block 16C
5 PROJECT NO. (if applicable) 16EM000294

6 ISSUED BY CODE Savannah River Operations
U. S. Department of Energy
Savannah River Operations
P. O. Box A
Aiken SC 29802

7 ADMINISTERED BY (if other than item 6) CODE

2 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVERING II
203 Laurens St SW
Aiken SC 29801

9A AMENDMENT OF SOLICITATION NO.

10. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470

CODE 798861048 FACILITY CODE

10A DATED (SEE ITEM 13)
01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (if required)
Net Decrease: -$472,418.76

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority). THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X Clause 153- DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E. IMPORTANT: Contractor ☐ is not ☑ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to de-obligate funds from CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 4 for FY 2016, as cited below:

1) Department of Defense: (-$713,265.36)
2) Department of Homeland Security: $92,400.00
3) Department of Justice: $130,000.00
4) Department of State: $18,446.60

The total amount de-obligated is (-$472,418.76) thereby decreasing it from $6,743,666,425.70 to $6,743,194,006.94.

Continued...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and is full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)
L. C. Clevinger II
Director, Contracts

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton

15C DATE SIGNED 11/17/15
16B CONTRACT MODIFIER
(Signature of person authorized to sign)

15D DATE SIGNED
16C DATE SIGNED 11/17/15

STANDARD FORM 30 (REV 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $8,141,490,955.87 to $8,141,018,537.11.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. **CONTRACT ID CODE**
   - 0591

2. **AMENDMENT/MODIFICATION NO.**
   - 0

3. **EFFECTIVE DATE**
   - 11/19/2015

4. **REQUISITION/PURCHASE REQ. NO.**

5. **PROJECT NO.** (If applicable)

6. **ISSUED BY CODE**
   - 00901

7. **ADMINISTERED BY (If other than Item 6) CODE**

8. **NAME AND ADDRESS OF CONTRACTOR (ie., street, county, State and ZIP Code)**
   - SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
   - Attn: LLOYD CLEVINGER II
   - 203 LAURENS ST SW
   - AIKEN SC 29801

9A. **AMENDMENT OF SOLICITATION NO.**

9B. **DATED (SEE ITEM 11)**

10A. **MODIFICATION OF CONTRACT/ORDER NO.**
   - DE-AC09-08SR22470

10B. **DATED (SEE ITEM 13)**

11. **THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**
   - ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended
   - Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 11 and 19, and returning _______ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. **ACCOUNTING AND APPROPRIATION DATA (If required)**
   - No Change to Accounting and Appropriation Data

13. **THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

   - CHECK ONE
     - A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN CONTRACT ORDER NO. IN ITEM 10A
     - B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
     - C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
     - D. OTHER (Specify type of modification and authority)
   - X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

14. **DESCRIPTION OF AMENDMENT/MODIFICATION**
   - (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
   - A. The purpose of this modification is to incorporate Contract Work Authorization No. 410003-TS-16, Rev 0, for SRNL Technical Support - LFRG, see Attachment 1-A hereto. Funds were previously allocated by separate modification, reference SRNS Financial Plan No. #4, for Fiscal Year 2016 (applicable page of the FINPLAN is provided under Attachment 1-B).
   - B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.
   - C. The contract estimated value and all other terms and conditions remain unchanged.

15A. **NAME AND TITLE OF SIGNER (Type or print)**
   - Sylvia C. Maroney

15B. **CONTRACTOR/OFFEROR**
   - NSN 7540-01-152-8070

15C. **DATE SIGNED**
   - 11/19/2015

16A. **NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**
   - Sylvia C. Maroney

16B. **UNITED STATES OF AMERICA**

NSN 7549-01-152-8070
Previous edition unusable
STANDARD FORM 30 (REV. 0-83)
Prescribed by GSA
FAR (48 CFR) 53.243
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1  CONTRACT ID CODE  11  PROJECT NO (if applicable)

2 AMENDMENT/MODIFICATION NO  3 EFFECTIVE DATE  4 REQUISITION/PURCHASE REQ NO

0592  11/30/2015

5 AMENDED/CHANGED CODE  7 ADMINISTERED BY (if other than item 6)

00901  

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8 NAME AND ADDRESS OF CONTRACTOR (the, street, county, state and zip code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9A AMENDMENT OF SOLICITATION NO

9B DATED (SEE ITEM 11)

9C MODIFICATION OF CONTRACT/ORDER NO

DE-AC09-08SR22470

9D DATED (SEE ITEM 13)

01/10/2008

10A AMENDMENT/MODIFICATION NO

2. AMENDMENT/MODIFICATION NO 3 EFFECTIVE DATE 4 REQUISITION/PURCHASE REQ NO

0592  11/30/2015

10B DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted. (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (if required)

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. It modifies the contract/order No. as described in Item 14.

CHECK ONE

A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A

B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

D OTHER (Specify type of modification and authority)

E IMPORTANT: Contractor x is not required to sign this document and return copies to the issuing office

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by major headings, including solicitation/contract subject matter where feasible)

This modification incorporates one (1) contract work authorization, and corrects a clerical and/or administrative error under Modification 0587. Accordingly, the following applies:

A. Contract Work Authorization No. HI-410003-16, Rev 1, for Fuel Cell Technologies (see Attachment 1-A), is hereby formally incorporated under subject contract Modification 0592, reference SRNS Financial Plan #4 (see Attachment 1-B). As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

B. Reference Modification 0587, the following revisions/administrative changes applies to Block 14, paragraph A, and the Contract Work Authorization Supporting Documentation Index Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as hereinafter changed, remain unchanged and in full force and effect

15A NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

15B CONTRACTOR/OFFEROR

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REv 10-83)

16B UNITED STATES OF AMERICA

Prescribed by USA

FAR (48 CFR) 53.243

15A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Sylvia C. Maroney

15C DATE SIGNED

12/3/15

(Signature of person authorized to sign)
(Attachment 1). The contract work authorization titles throughout the modification are changed to read as follows:

1) No. IN16013-1, Rev 0, for Energy and Threat
2) No. 89X0319-16, Rev 0, for Fuel Cycle Research and Development

C. The contract estimated value and all other terms and conditions remain unchanged.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0593
3. EFFECTIVE DATE 12/17/2015
4. REQUISITION/PURCHASE REQ. NO. 16EM000559
5. PROJECT NO. (If applicable)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
203 LAURENS ST SW
AIKEN SC 29801

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A.  The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 5 for FY 2016. Funds in the amount of $12,919,377.28 are hereby obligated to CLIN 0001, thereby increasing it from $6,743,194,006.94 to $6,756,113,384.32.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,141,018,537.11 to $8,153,937,914.49.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued ...

Net Increase: $12,919,377.38

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton

15A. NAME AND TITLE OF SIGNER (Type or print)

16B. UNITED STATES OF AMERICA

15B. CONTRACTOR/OFFEROR

16C. DATE SIGNED 12/17/2015

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
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Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

CODE 798861048
FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended ☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $1,731,439.60

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMERATED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in pay, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D OTHER (Specify type of modification and authority)

☐ DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E. IMPORTANT: ☐ Contractor ☐ is not required to sign this document and return copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 5 for FY 2016. Funds in the amount of $1,731,439.60 are hereby obligated to CLIN 0001, thereby increasing it from $6,756,113,384.32 to $6,757,844,823.92.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,153,937,914.49 to $8,155,669,354.09.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of this document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect

15A NAME AND TITLE OF SIGNER (Type or print)
Marie A. Garvin

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B CONTRACTOR/OFFEROR

16B UNITED STATES OF AMERICA

15C DATE SIGNED

16C DATE SIGNED

Signature of person authorized to sign

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition unusable
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $8,155,669,354.09 includes obligation of $1,731,439.60 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $1,731,439.60 for a cumulative total of $1,734,345.76 to-date for FY 2016.

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<tr>
<th>1 CONTRACT ID CODE</th>
<th>2 AMENDMENT/MODIFICATION NO</th>
<th>3 EFFECTIVE DATE</th>
<th>4 REQUISITION/PURCHASE REQ NO</th>
<th>5 PROJECT NO (If applicable)</th>
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<th>7 ADMINISTERED BY (If other than item 6) CODE</th>
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Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

6 NAME AND ADDRESS OF CONTRACTOR (Inc. street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVELING II
203 LAURENS ST SW
AIKEN SC 29801

10A MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470
10B DATED (SEE ITEM 13)
01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended ☐ is extended ☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (If required)
Net Increase: $490,252.17

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
☐ A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority): THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A

☐ B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

☐ C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (Dec 2000)

E. IMPORTANT: Contractor ☐ is not ☐ is required to sign this document and return copies to the issuing office

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 5 for FY 2016, as cited below:

1) Department of Defense: $393,869.43
2) Department of Homeland Security: (-$12,193.52)
3) Department of State: (-$1,278.10)
4) Other: $109,854.36

The total amount obligated is $490,252.17 thereby increasing it from $6,757,844,823.92 to $6,758,335,076.09.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as hereafter changed, remain unchanged and in full force and effect

15A NAME AND TITLE OF SIGNER (Type or print)
Marie A. Garvin

15B CONTRACTOR/OFFEROR

15C DATE SIGNED

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B UNITED STATES OF AMERICA

16C DATE SIGNED

(Signature of person authorized to sign)

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,155,669,354.09 to $8,156,159,606.26.

C. The contract estimated value and all other terms and conditions remain unchanged

FOB: Destination
The purpose of this modification is to incorporate the Savannah River Nuclear Solutions (SRNS) Performance Evaluation Measurement Plan (PEMP), Revision 1, for the period October 1, 2015 through September 30, 2016, which is attached hereto. The PEMP was reviewed and approved in accordance with the Department of Energy Acquisition Guide 71.1, reference Memorandum, Head of Contracting Activity, Office of Environmental Management, dated March 27, 2015. Previous edition of the FY 2016 PEMP is hereby superseded and replaced with Revision 1, effective January 04, 2016 copy attached hereto.

B. All other terms and conditions remain unchanged.
0597

1. CONTRACT ID CODE

01/19/2016

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

16EM000736

4. REQUISITION/PURCHASE REQ. NO.

Savannah River Operations

5. PROJECT NO. (if applicable)

Savannah River Operations

6. ISSUED BY

P.O. Box A

00901

7. ADMINISTERED BY (if other than Item 6)

Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

8. NAME AND ADDRESS OF CONTRACTOR (no., street, county, state and ZIP Code)

Attn: LLOYD CLEVENGER II

05 97 01/1 9/2 01 6

DE-AC09-08SR22470

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

203 LAURENS ST SW

10A. MODIFICATION OF CONTRACT/ORDER NO.

SAVANNAH RIVER Operations

Aiken SC 29801

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

1/10/2008

Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

Net Increase: $64,612,199.71

ACME 000736

X

14. DESCRIPTION OF AMENDMENT/MODIFICATION

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 6 for FY 2016. Funds in the amount of $64,612,199.71 are hereby obligated to CLIN 0001, thereby increasing it from $6,758,335,076.09 to $6,822,947,275.80.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,156,159,606.26 to $8,220,771,805.97.

C. The contract estimated value and all other terms and conditions remain unchanged.

15A. NAME AND TITLE OF SIGNER (Type or print)

Marie A. Garvin

15B. CONTRACTOR/OFFEROR

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

NSN 7540-01-182-8070

Previous edition unsuitable
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO.
   0598

3. EFFECTIVE DATE
   01/19/2016

6. ISSUED BY
   Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR
   SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
   Attn: LLOYD CLEVINGER II
   203 LAURENS ST SW
   Aiken SC 29801

9A. AMENDMENT OF SOLICITATION NO.
   00

9B. DATED (SEE ITEM 11)
   X

10A. MODIFICATION OF CONTRACT/ORDER NO.
    DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11A. AMENDMENT OF SOLICITATION NO.

11B. DATED (SEE ITEM 13)

11C. ADMINISTERED BY (if other than Item 6)

12. ACCOUNTING AND APPROPRIATION DATA (if required)
   Net Increase: $103,234.95

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

   A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT
      ORDER NO. IN ITEM 10A.

   B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

   C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
      X Clause I.53 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

   E. IMPORTANT:
      Contractor is not required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

   A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 6 for FY 2016.
   Funds in the amount of $103,234.95 are hereby obligated to CLIN 0001, thereby increasing it from $6,822,947,275.80 to $6,823,050,510.75.

   B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,220,771,805.97 to $8,228,787,500.92.

   C. The contract estimated value and all other terms and conditions remain unchanged.

   E. IMPORTANT:
      Contractor is not required to sign this document and return copies to the issuing office.

15A. NAME AND TITLE OF SIGNER (Type or print)
   Angela S. Morton

15C. DATE SIGNED
   11/19/2016

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

STANDARD FORM 30 (REV 10-82)
Preceded by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable.
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $8,220,875,040.92 includes obligation of $103,234.95 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $103,234.95 for a cumulative total of $1,837,580.71 to-date for FY 2016.

FOB: Destination

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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO 11.
3. EFFECTIVE DATE 01/19/2016
4. REQUISITION PURCHASE REQ. NO. 1GEM000736
5. PROJECT NO. (If applicable)

6. ISSUED BY
Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY
(If other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $2,316,313.99

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(a).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X Clause I.53 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

E. IMPORTANT: Contractor is not required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 6 for FY 2016, as cited below:

1) Department of Defense: (-$43,242.76)
2) Department of Homeland Security: $545,000.00
3) Department of State: $21,359.22
4) Environmental Protection Agency: (-$6,802.46)
5) Other: $1,799,999.99

The total amount obligated is $2,316,313.99 thereby increasing it from $6,823,050,510.75 to $6,825,366,824.74.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16C. DATE SIGNED 11/19/2016
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,220,875,040.92 to $8,223,191,354.91.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2 AMENDMENT/MODIFICATION NO. 0600
3 EFFECTIVE DATE 01/25/2016
4 REQUISITION/PURCHASE REQ. NO. 
5 PROJECT NO. (if applicable) 
6 ISSUED BY CODE 
7 ADMINISTERED BY (if other than item 6) CODE 

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8 NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9A AMENDMENT OF SOLICITATION NO 0600
9B DATED (SEE ITEM 11) 

10A MODIFICATION OF CONTRACT/ORDER NO DE-AC09-08SR22470
10B DATED (SEE ITEM 13) 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended. by one of the following methods: (a) By completing items 8 and 15. and returning copies of the amendment. (b) By acknowledging receipt of the amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (if required)
No Change to Accounting and appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority): THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office. appropriation date. etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43 103(b)
C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF _
X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E IMPORTANT: Contractor X is not required to sign this document and return copies to the issuing office

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to incorporate the six (6) contract work authorizations as listed below:

1) No. HQTD1002-16. Rev 0. for Alternative Waste Pretreatment (See Attachment 1-A)
2) No. SR071801-16, Rev 1, for Basic Energy Sciences (See Attachment 1-B)
3) No. IN16035-16, Rev 1, for Energy and Threat (See Attachment 1-C)
4) No. 89X0319-16, Rev 1, for Fuel Cycle Research and Development (See Attachment 1-D)
5) No. HQTD1000-16. Rev 0. for Technical Planning, Integration and Risk Management (See Attachment 1-E)
6) No. HQTD1001-16, Rev 0, for Waste Retrieval and Closure Technologies (See Attachment 1-F)

Continued...

Except as provided herein. all terms and conditions of the document referenced in item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print) Sylvia C. Maroney
15B CONTRACTOR/OFFEROR NSN 7540-01-152-8070
15C DATE SIGNED 2/2/16
16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
16B UNITED STATES OF AMERICA
16C. DATE SIGNED

Signature of person authorized to sign (Signature of Contracting Officer)
B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

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<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
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NSN 7540-01-152-9067

OPTIONAL FORM 338 (4-98)
Sponsored by GSA
FAR 148 CPRL 53 110
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ NO. 5. PROJECT NO. (If applicable)
0601 01/28/2016 16EM000849

6. ISSUED BY CODE 7. ADMINISTERED BY (If other than Item 6) CODE

Savannah River Operations U.S. Department of Energy
Savannah River Operations P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVENGER II
203 LAURENS ST SW
AIKEN SC 29801

CODE 798861048 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended / not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ___ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
Net Increase: $17,897,975.60

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
X Clause I.53 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

E. IMPORTANT: Contractor _x_ is not __ is required to sign the document and return ___ copies to the issuing office

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 8 for FY 2016. Funds in the amount of $17,897,975.60 are hereby obligated to CLIN 0001, thereby increasing it from $6,825,366,824.74 to $6,843,264,800.34.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,223,191,354.91 to $8,241,089,330.51.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)
Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR NSN 7540-01-152-8070

15C. DATE SIGNED 16B. UNITED STATES OF AMERICA

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED
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<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
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<th>AMOUNT (F)</th>
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11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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12. ACCOUNTING AND APPROPRIATION DATA (if required)

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<th>Net Increase:</th>
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13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/OPTION NO. AS DESCRIBED IN ITEM 14.

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14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings: including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 8 for FY 2016. Funds in the amount of $118,084.08 are hereby obligated to CLIN 0001, thereby increasing it from $6,843,264,800.34 to $6,843,382,884.42.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,241,089,330.51 to $8,241,207,414.59.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

16B. CONTRACTOR/OFFEROR

16C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

(Signature of person authorized to sign)
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $8,241,207,414.59 includes obligation of $118,084.08 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $118,084.08 for a cumulative total of $1,955,664.79 to-date for FY 2016.

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
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**Savannah River Operations**

U.S. Department of Energy

Savannah River Operations

P.O. Box A

Aiken SC 29802

**8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)**

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

Attn: LLOYD CLEVINGER II

203 LAURENS ST SW

Aiken SC 29801

**9A. AMENDMENT OF SOLICITATION NO.**

9B. DATED (SEE ITEM 11)

**10A. MODIFICATION OF CONTRACT/ORDER NO.**

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

**CODE** 798861048

**FACILITY CODE**

**01/10/2008**

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (if required)**

Net Increase: $487,378.64

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X. Clause 1.53 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

**E. IMPORTANT:**

Contractor is not required to sign this document and return copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)**

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 8 for FY 2016, as cited below:

1) Department of Homeland Security: $400,000.00
2) Nuclear Regulatory Commission: $87,378.64

The total amount obligated is $487,378.64 thereby increasing it from $6,843,382,884.42 to $6,843,870,263.06.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase:

Continued ... Except as provided herein, all terms and conditions of the document referenced in item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**

Angela S. Morton

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

**15B. CONTRACTOR/OFFEROR**

**16B. UNITED STATES OF AMERICA**

16C. DATE SIGNED

(NSS 7540-01-152-0370)

Previous edition unsuitable

STANDARD FORM 30 (REV 10-83)

Prescribed by GSA

FAR (48 CFR) 53-243
The total amount of funds obligated to the contract from $8,241,207,414.59 to $8,241,694,793.23.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

SAVANNAH RIVER Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

SAVANNNA RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

798861048

01/10/2008

2 AMENDMENT/MODIFICATION NO.
0604

3 EFFECTIVE DATE
01/29/2016

4 REQUISITION/PURCHASE REQ. NO.

5 PROJECT NO. (If applicable)

6 ISSUED BY CODE
00901

7 ADMINISTERED BY (if other than Item 6) CODE

8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SY 29801

9A AMENDMENT OF SOLICITATION NO.

9B DATED (SEE ITEM 11)

10A MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470

10B DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods (a) By completing Items 8 and 15, and returning _______ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.

If you wish to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (If required)

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE ☐ A THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).

☐ C OTHER (Specify type of modification and authority)

☐ X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate Contract Work Authorization No. SL- 410003-16, Rev 0, entitled: Solar Energy. The attachments cited below are applicable to this Work Authorization:

1) Attachment 1-A, FY 16-18 AOP, SunShot reference Solar Energy
2) Attachment 1-B, Contract Work Authorization No. SL- 410003-16, Rev 0
3) Attachment 1-C, SRNS FINPLAN numbers: FY 2015, No. 22 (Mod 0568), and FY 2016, No. 5 (Mod 0593)

Funds were previously allocated by separate modifications, reference SRNS Financial Plan(s) cited above.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

15C DATE SIGNED
01/10/2008

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B UNITED STATES OF AMERICA

16C DATE SIGNED
01/10/2008

STANDARD FORM 30 (REV. 10-83)
Prepared by GSA
FAR (48 CFR) 53.243
B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

NOTE: All supporting documentation applicable to the AOP and the initial Work Authorization are provided in STRIPES under Supporting Documents and are a part of the official procurement file in the Contract Management Division, and Work Easy Procurement System.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE 11. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

2. AMENDMENT/MODIFICATION NO 2. This change order is issued pursuant to (Specify authority) the changes set forth in Item 14 are made in the contract order no. in item 10A.

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO

5. PROJECT NO. (If applicable)

6. ISSUED BY

6A MODIFICATION OF CONTRACT/ORDER NO

DE-AC09-08SR22470

7. ADMINISTERED BY (If other than item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

Attn: LLOYD CLEVINGER II

203 LAURENS ST SW

Aiken SC 29801

8A AMENDMENT OF SOLICITATION NO

9. EFFECTIVE DATE

(See Item 11)

9A DATED (See Item 11)

0. REQUISITION/PURCHASE REQ. NO

(If applicable)

10. PROJECT NO.

10A MODIFICATION OF CONTRACT/ORDER NO

DE-AC09-08SR22470

10B DATED (See Item 13)

1. ADMINISTERED BY (If other than item 6) CODE

2. NAME AND ADDRESS OF CONTRACTOR (ie. street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

Attn: LLOYD CLEVINGER II

203 LAURENS ST SW

Aiken SC 29801

2A AMENDMENT OF SOLICITATION NO

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ. NO

5. PROJECT NO. (If applicable)

6. ISSUED BY

6A MODIFICATION OF CONTRACT/ORDER NO

DE-AC09-08SR22470

7. ADMINISTERED BY (If other than item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

Attn: LLOYD CLEVINGER II

203 LAURENS ST SW

Aiken SC 29801

8A AMENDMENT OF SOLICITATION NO

9. EFFECTIVE DATE

(See Item 11)

9A DATED (See Item 11)

0. REQUISITION/PURCHASE REQ. NO

(If applicable)

10. PROJECT NO.

10A MODIFICATION OF CONTRACT/ORDER NO

DE-AC09-08SR22470

10B DATED (See Item 13)

11. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

No change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. It modifies the contract/order no. as described in item 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION

(organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to incorporate the three (3) contract work authorizations as listed below:

1) No. RD-410003-16, Rev 0, for Power Systems Engineering Research & Development (see Attachment 1-A)
2) No. RD-410003-16, Rev 1, for Power Systems Engineering Research & Development, (see Attachment 1-B)
3) No. VT-410003-16, Rev 0, for Vehicle Technologies Program (see Attachment 1-C)

Funds were previously allocated by separate modifications, reference SRNS Financial Plan No. 8 for FY 2016.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

15B CONTRACTOR/OFFEROR

NSN 7540-01-152-8070

Previous section unusable

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Sylvia C. Maroney

16B UNITED STATES OF AMERICA

FA8705-02-000019

16C DATE SIGNED

2/17/16

(Signature of person authorized to sign)

(Signature of contracting officer)
B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<th>AMENDMENT/MODIFICATION NO.</th>
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<td>02/23/2016</td>
<td>16EM001072</td>
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</table>

6 ISSUED BY

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

8 NAME AND ADDRESS OF CONTRACTOR (If applicable)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEEVINGER II
203 LAURENS ST SW
Aiken SC 29801

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. This hour and date specified for receipt of offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15 and returning ______ copies of the amendment; or (b) By acknowledging receipt of this amendment on each copy of the offer submitted.  The place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.  Failure of your acknowledgment to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

12 ACCOUNTING AND APPROPRIATION DATA (if required)

Net Increase: $98,888.01

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF.

X Clause 1.53 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

E. IMPORTANT: Contractor is not. 0 is required to sign this document and return copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 9 for FY 2016. Funds in the amount of $98,888.01 are hereby obligated to CLIN 0001, thereby increasing it from $6,932,339,531.95 to $6,932,438,419.96.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,330,164,062.12 to $8,330,262,950.13.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B CONTRACTOR/OFFEROR

15C DATE SIGNED

2/23/2015

15D UNITED STATES OF AMERICA

STANDARD FORM 30 (REV 10-83)

Prepared by GSA
FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $8,330,262,950.13 includes obligation of $98,888.01 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $98,888.01 for a cumulative total of $2,054,552.80 to-date for FY 2016.

FOB: Destination

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OPTIONAL FORM 336 (4-96)
Sponsored by GSA
FAR (48 CFR) 53.110
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0008

3. EFFECTIVE DATE 02/23/2016

4. REQUISITION/PURCHASE REQ. NO. 16EN001072

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 00901

7. ADMINISTERED BY (if other than item 6) CODE

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO. (x)

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. DB-AC09-00SR22470

10B. DATED (SEE ITEM 13) 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended:

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase:

$343,986.04

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause I.53 DEAR 970.532-4 Obligation of Funds (DEC 2000)

X) Clause I.53 DEAR 970.532-4 Obligation of Funds (DEC 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 9 for FY 2016, as cited below:

1) Department of Defense: $275,054.00
2) Department of State: $68,932.04

The total amount obligated is $343,986.04 thereby increasing it from $6,932,438,419.96 to $6,932,782,406.00.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase Continued ...
the total amount of funds obligated to the contract from $8,330,262,950.13 to $8,330,606,936.17.

C. The contract estimated value and all other terms and conditions remain unchanged. FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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**Savannah River Operations**  
**U.S. Department of Energy**  
**Savannah River Operations**  
**P.O. Box A**  
**Aiken SC 29802**

**SAVANNAH RIVER NUCLEAR SOLUTIONS LLC**  
Attn: LLOYD CLEVINGER II  
203 LAURENS ST SW  
AIKEN SC 29801

**CODE 798861048**  
**FACILITY CODE**  
01/10/2008

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) by completing items 8 and 15, and returning copies of the amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

No Change to Accounting and Appropriation Data

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

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<tr>
<th>CHECK ONE</th>
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<tr>
<td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A</td>
</tr>
<tr>
<td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)</td>
</tr>
<tr>
<td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF</td>
</tr>
<tr>
<td>X. Section I, DEAR 970.5211-1 Work Authorization (May 2007)</td>
</tr>
</tbody>
</table>

**E. IMPORTANT:** Contractor is not required to sign this document and return copies to the issuing office. 0 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

A. The purpose of this modification is to incorporate the 16 contract work authorizations as listed below:

1) No. HQ091101-16, Rev 0, for Advanced Simulation Capability for Environmental Management (ASCEM) (See Attachment 1-A)
2) No. SR071801-16, Rev 0, for Attenuation Based Remedies AFRI (See Attachment 1-B)
3) No. 410003-CWR-16, Rev 0, for Complex Wide Review (See Attachment 1-C)
4) No. HQ1001-16, Rev 0, for Energy Employee Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-D)
5) No. HQ1001-16, Rev 1, for Energy Employee Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-E)

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**  
Sylvia C. Maroney

**15B. CONTRACTOR/OFFEROR**  
NSN 7540-01-152-8070

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**  
Sylvia C. Maroney

**16C. DATE SIGNED**  
3/16/16
6) No. IN16013-16, Rev 2, for Energy and Threat (See Attachment 1-F)
7) No. IN16013-16, Rev 3, for Energy and Threat (See Attachment 1-G)
8) No. IN16025-16, Rev 0, for Energy and Threat (See Attachment 1-H)
9) No. IN16035-16, Rev 2, for Energy and Threat (See Attachment 1-I)
10) No. IN16035-16, Rev 3, for Energy and Threat (See Attachment 1-J)
11) No. 89X0319-16, Rev 2, for Fuel Cycle Research and Development (See Attachment 1-K)
12) No. 89X0319-16, Rev 3, for Fuel Cycle Research and Development (See Attachment 1-L)
13) No. HI-410003-16, Rev 2, for Fuel Cell Technologies (See Attachment 1-M)
14) No. HI-410003-16, Rev 3, for Fuel Cell Technologies (See Attachment 1-N)
15) No. SR091701-16, Rev 0, for In Situ Decommissioning Technology Development and Demonstration (See Attachment 1-O)
16) No. SLS410003-16, Rev 0, for Strategic National Laboratory Support (See Attachment 1-P)

Funds were previously allocated by separate modifications, reference SRNS Financial Plan No. 9 for FY 2016.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See contract work authorizations for date the Contracting Officer approved (dates of WAs Feb 25 thru Mar 15, 2015).
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>1. CONTRACT ID CODE</th>
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<td>SAVANNAH RIVER OPERATIONS</td>
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<th>8. NAME AND ADDRESS OF CONTRACTOR (if applicable)</th>
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<th>12. ACCOUNTING AND APPROPRIATION DATA (if required)</th>
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<tr>
<td>Net Increase: $163,948,637.65</td>
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<thead>
<tr>
<th>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</th>
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**CHECK ONE**

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A

B. THE ABOVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

D. OTHER (Specify type of modification and authority) Clause I.53 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

**IMPORTANT:** Contractor is not required to sign this document and return 0 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION**

Organized by UCF section headings, including solicitation/contract subject matter where feasible.

A. The purpose of this modification is to obligate funds to CLIN 0001, Department of Energy (DOE) in accordance with SRNS PINPLAN No. 10 for FY 2016. Funds in the amount of $163,948,637.65 are hereby obligated to CLIN 0001, thereby increasing it from $6,932,782,406.00 to $7,096,731,043.65.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,330,606,936.17 to $8,494,555,573.82.

C. The contract estimated value and all other terms and conditions remain unchanged.

**15A. NAME AND TITLE OF SIGNER**

Angela S. Morton

**16A. NAME AND TITLE OF CONTRACTING OFFICER**

Angela S. Morton

**15C. DATE SIGNED**

16C. UNITED STATES OF AMERICA

STANDARD FORM 30 (REV 10-83)

Prepared by GSA

FAR (48 CFR) 53.243
<table>
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<tr>
<th>ITEM NO.</th>
<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
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<th>AMOUNT</th>
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NSN 7540-01-152-8067

OPTIONAL FORM 336 (4-86)
Sponsored by GSA
FAR 48 CFR 53 110
1. MINOR DRAFT ERRORS CORRECTED

The purpose of this modification is to (a) correct a clerical error under Mod 0609; and (b) incorporate three (3) contract work authorizations reference SRNS Financial Plan #9.

Accordingly the following applies:

A. Reference Modification No. 0609, the Contract Work Authorization Supporting Documentation Index, Attachment 1, is revised accordingly. Replacement pages only are provided as Attachment 2 to this modification.

B. The three (3) contract work authorization listed below are hereby incorporated under the contract:

Continued ...
### Supplies/Services

<table>
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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) No. SL-410003-16, Rev 1, for Solar Energy (Crosscut Project) (See Attachment 1-A)</td>
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<tr>
<td>2) No. SL-410003-16, Rev 1, for Solar Energy (See Attachment 1-B)</td>
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<tr>
<td>3) No. SL-410003-16, Rev 1, for Solar Energy (See Attachment 1-C)</td>
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Funds were previously allocated by separate modifications, reference SRNS Financial Plan No. 9 for FY 2016.

C. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

D. The contract estimated value and all other terms and conditions remain unchanged.
## Amendment of Solicitation/Modification of Contract

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Savannah River Operations  
U.S. Department of Energy  
Savannah River Operations  
P.O. Box A  
Aiken SC 29802  

<table>
<thead>
<tr>
<th>8. NAME AND ADDRESS OF CONTRACTOR (i.e., street, county, State and ZIP Code)</th>
</tr>
</thead>
</table>
| SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: LLOYD CLEVINGER II  
203 LAURENS ST SW  
AIKEN SC 29801 |

<table>
<thead>
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<th>9A. Amendment of Solicitation No.</th>
<th>9B. Dated (see item 11)</th>
<th>10A. Modification of Contract/Order No. DE-AC09-08SR22470</th>
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<table>
<thead>
<tr>
<th>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</th>
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| □ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.  
□ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. |

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| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |

| C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF. DEAR 970.5232-4 Obligation of Funds (2000) |

<table>
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<tr>
<th>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</th>
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A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 11 for FY 2016. Funds in the amount of $853,109,184.90 are hereby obligated to CLIN 0001, thereby increasing it from $7,096,731,043.65 to $7,149,840,228.55.  

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,494,555,573.82 to $8,547,664,758.72.  

C. The contract estimated value and all other terms and conditions remain unchanged. Continued ...

<table>
<thead>
<tr>
<th>15A. NAME AND TITLE OF SIGNER (Type or print)</th>
<th>15B. CONTRACTOR/OFFEROR (Type or print)</th>
</tr>
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<tbody>
<tr>
<td>Sylvia C. Maroney</td>
<td>NSN 7540-01-152-8070</td>
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<tr>
<th>15C. Date Signed</th>
<th>16B. United States of America</th>
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<td>3/24/16</td>
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<th>15D. Signature of person authorized to sign</th>
<th>16C. Date Signed</th>
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<td>Sylvia C. Maroney</td>
<td>3/24/16</td>
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STANDARD FORM 30 (REV. 10-03)  
Prescribed by GSA  
FAR (48 CFR) 53.243  
Previous edition unusable
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<td>2. AMENDMENT/MODIFICATION NO.</td>
<td>3. EFFECTIVE DATE</td>
<td>4. REQUISITION/PURCHASE REQ. NO.</td>
<td>5. PROJECT NO. (if applicable)</td>
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<tr>
<td>Attn: LLOYD CLEVINGER II</td>
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<td>203 LAURENS ST SW</td>
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<tr>
<td>The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment.</td>
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<tr>
<td>Not Increase: $1,154,775.25</td>
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<td>B. THE ABOVE NUMBERED CONTRACT/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
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<tr>
<td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF X DEAR 970.5232-4 Obligation of Funds (2000)</td>
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<td>D. OTHER (Specify type of modification and authority)</td>
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<tr>
<td>E. IMPORTANT: Contractor is not required to sign this document and return copies to the issuing office.</td>
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<tr>
<td>A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 11 for FY 2016. Funds in the amount of $1,154,775.25 are hereby obligated to CLIN 0001, thereby increasing it from $7,149,840,228.55 to $7,150,995,003.80.</td>
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<td>B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled &quot;Obligation of Funds,&quot; is hereby revised to increase the total amount of funds obligated to the contract from $8,547,664,758.72 to $8,548,819,533.97.</td>
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<td>C. The contract estimated value and all other terms and conditions remain unchanged.</td>
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<tr>
<td>Sylvia C. Maroney</td>
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<tr>
<td>15B. CONTRACT/OROFFEROR</td>
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NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $8,548,819,533.97 includes obligation of $1,154,775.25 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $1,154,775.25 for a cumulative total of $3,209,328.05 to-date for FY 2016.

FOB: Destination

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NSN 7540-01-152-5067

OPTIONAL FORM 336 (4-86)
Sponsored by GSA
FAR 48 CFRI 53.110
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0614
3. EFFECTIVE DATE 03/24/2016
4. REQUISITION/PURCHASE REQ. NO. 16EM001360
5. PROJECT NO. (if applicable)

6. ISSUED BY
Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (if other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9B. DATED (SEE ITEM 11)
0614 03/24/2016
16EM001360

9C. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470

9D. DATED (SEE ITEM 13)
01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended (is not extended). Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

Net Increase: $1,664,148.65

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X D. OTHER (Specify type of modification and authority)

DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT: Contractor [X] is required to sign this document and return ______ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 11 for FY 2016, as cited below:

1) Department of Defense: $548,000.00
2) Department of Homeland Security: $250,000.00
3) Department of State: $64,179.63
4) Department of Transportation: (-$11,050.66)
5) Nuclear Regulatory Commission: $312,575.73
6) Other: $500,443.95

Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)
Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED 03/24/16

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Sylvia C. Maroney

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED 03/24/16

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
The total amount obligated is $1,664,148.65 thereby increasing it from $7,150,995,003.80 to $7,152,659,152.45.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,548,819,533.97 to $8,550,483,682.62.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 29801

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29801

No Change in Accounting and Appropriation Data

12. ACCOUNTING AND APPROPRIATION DATA (if required)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

10. AMENDMENT OF SOLICITATION NO.

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

D. OTHER (Specify type of modification and authority)

X Section 1, DEAR 970.5211-1 Work Authorization (May 2007)

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

P.O. Box A
Aiken SC 29801

[Signature of person authorized to sign] [Signature of Contracting Officer] 4/12/16

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA
FAR (48 CFR) 53 243

NSN 7540-01-152-8070

Previous edition unusable
Name of Offeror or Contractor
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

<table>
<thead>
<tr>
<th>Item No. (A)</th>
<th>Supplies/Services (B)</th>
<th>Quantity (C)</th>
<th>Unit (D)</th>
<th>Unit Price (E)</th>
<th>Amount (F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8)</td>
<td>No. 410003-TS-16, Rev 1, for SRNL Technical Support (See Attachment 1-H)</td>
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<td>9)</td>
<td>No. 410003-TS-16, Rev 2, for SRNL Technical Support (See Attachment 1-I)</td>
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<td>10)</td>
<td>No. HQ091501-16, Rev 0, for Universal Canister Technology Development (See Attachment 1-J)</td>
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<td>11)</td>
<td>'No. HQTD1001-15, Rev 3, for Waste Retrieval and Closure Technologies (See Attachment 1-K)</td>
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</table>

Funds were previously allocated by separate modifications, reference SRNS Financial Plan 9 and 11 for FY 2016. 'Funds for SRNL Technical Support was allocated in August 2015 (No Year Funds).

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer (03/23/2016 thru 04/12/2016)
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
   16E0001640

2. AMENDMENT/MODIFICATION NO
   0616

3. EFFECTIVE DATE
   04/21/2016

4. REQUISITION/PURCHASE REQ. NO
   16E0001640

5. PROJECT NO. (If applicable)
   

6. ISSUED BY
   CODE
   00901

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, state and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

CODE 798861048
FACILITY CODE

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
   DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

   The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ______ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

   Net Increase: $50,742,961.60

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

   CHECK ONE

   A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

   B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

   C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

   X DEAR 970.5232-4 Obligation of Funds (2000)

   E. IMPORTANT: Contractor ___ is not. ___ is required to sign this document and return ______ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

   A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 12 for FY 2016. Funds in the amount of $50,742,961.60 are hereby obligated to CLIN 0001, thereby increasing it from $7,152,659,152.45 to $7,203,402,114.05.

   B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,550,483,682.62 to $8,601,226,644.22.

   C. The contract estimated value and all other terms and conditions remain unchanged.

   Continued ...

   Except as provided herein, all terms and conditions of the document referenced in section 9A or 10A, as hereafter changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Marie A. Garvin

15B. CONTRACTOR/OFFEROR

NSN 7540-01-152-8570

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Marie A. Garvin

16B. UNITED STATES OF AMERICA

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
<table>
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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
</tr>
</thead>
<tbody>
<tr>
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<td>FOB: Destination</td>
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</tbody>
</table>
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVENGER II
203 LAURENS ST SW
Aiken SC 29801

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

THE ABOVE NUMBERED SOLICITATION IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 4.103(b).

DEAR 970.5326-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UGF section headings, including solicitation/contract subject matter where possible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 12 for FY 2016. Funds in the amount of $93,824.90 are hereby obligated to CLIN 0001, thereby increasing it from $7,203,402,114.05 to $7,203,495,938.95.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B.1, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,601,226,644.22 to $8,601,320,469.12.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton
15B. CONTRACTOR/OFFEROR
NSN 7540-01-152-0010
15C. DATE SIGNED
4/21/2016
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton
16B. UNITED STATES OF AMERICA
4/21/2016
16C. DATE SIGNED
STANDARD FORM 30 (REV. 10-83)
Prepared by GSA
FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $8,601,320,469.12 includes obligation of $93,824.90 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $93,824.90 for a cumulative total of $3,303,152.95 to-date for FY 2016.

FOB: Destination

<table>
<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
</tr>
</thead>
</table>
The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 12 for FY 2016, as cited below:

1) Department of Defense: $391,500.00
2) Department of Homeland Security: $3,760,000.00
3) Department of State: $22,498.16
4) Department of the Interior: $40,075.73
5) Other: $5,034,868.26

The total amount obligated is $9,248,942.15 thereby increasing it from $7,203,938.95 to $9,248,942.15.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

Angela S. Morton

(Original preview)
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,601,320,469.12 to $8,610,569,411.27.

C. The contract estimated value and all other terms and conditions remain unchanged. 

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
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<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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<th>6. ISSUED BY</th>
<th>CODE</th>
<th>7. ADMINISTERED BY (If other than item 6)</th>
<th>CODE</th>
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<tr>
<td>U.S. Department of Energy</td>
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<tr>
<td>Savannah River Operations</td>
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<td></td>
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<tr>
<td>P.O. Box A</td>
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<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
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<td>DE-AC09-08SR22410</td>
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<tr>
<td>Attn: LLOYD CLEVINGER II</td>
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<tr>
<td>203 LAURENS ST SW</td>
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<tr>
<td>AIKEN SC 29801</td>
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<tr>
<th>11A. AMENDMENT OF SOLICITATION NO.</th>
<th>11B. DATED (SEE ITEM 13)</th>
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<tr>
<th>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers # is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 12, and returning ☐ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12. ACCOUNTING AND APPROPRIATION DATA (if required)</th>
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</thead>
<tbody>
<tr>
<td>No Change to Accounting and Appropriation Data</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO, (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td>
</tr>
<tr>
<td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
</tr>
<tr>
<td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
</tr>
<tr>
<td>D. OTHER (Specify type of modification and authority)</td>
</tr>
</tbody>
</table>

| X | Section I, DEAR 970.5211-1 Work Authorization (May 2007) |

<table>
<thead>
<tr>
<th>E. IMPORTANT:</th>
<th>Contractor is not required to sign this document and return 0 copies to the issuing office.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. The purpose of this modification is to incorporate six (6) contract work authorizations reference SRNS Financial Plan #12. Accordingly the following applies:</td>
</tr>
<tr>
<td>1) No. HQTD1002-16, Rev 1, for Alternative Waste Pretreatment (See Attachment 1-A)</td>
</tr>
<tr>
<td>2) No. SR031102-16, Rev 0, for EM Small Business Forum - Technology Demonstration and Opportunities(See Attachment 1-B)</td>
</tr>
<tr>
<td>3) No. HQTD1005-16, Rev 0, for Increased Waste Loading: Long-Term Corrosion Studies(See Attachment 1-C)</td>
</tr>
<tr>
<td>4) No. 410003-TS-16, Rev 3, for SRNL Technical Support, (See Attachment 1-D)</td>
</tr>
<tr>
<td>5) No. HQTD1000-16, Rev 1, for Technical Planning, Integration and Risk Management (See Attachment 1-E)</td>
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<tr>
<td>Continued ...</td>
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</table>

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

<table>
<thead>
<tr>
<th>15A. NAME AND TITLE OF SIGNER (Type or print)</th>
<th>15B. CONTRACTOR/OFFEROR</th>
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<tbody>
<tr>
<td>Sylvia C. Maroney</td>
<td>NSN 7540-01-162-0270</td>
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<thead>
<tr>
<th>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</th>
<th>16B. DATE SIGNED</th>
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<tr>
<td>SYLVIA C. MARONEY</td>
<td>5/9/16</td>
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<th>16C. DATE SIGNED</th>
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<tr>
<td>10C. DATE SIGNED</td>
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<tr>
<td>STANDARD FORM 30 (REV. 10-83)</td>
</tr>
<tr>
<td>Prescribed by OSHA</td>
</tr>
</tbody>
</table>
B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer (05/04/2016 thru 05/05/2016)
The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or an amendment by one of the following methods: (a) By completing items 8 and 12, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If you value of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter provided each such telegram or letter makes reference to the solicitation and this amendment and is received prior to the opening hour and date specified.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or an amendment by one of the following methods: (a) By completing items 8 and 12, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If you value of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter provided each such telegram or letter makes reference to the solicitation and this amendment and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

No Change to Accounting and Appropriation Data.

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/OFFERS. IT MODIFIES THE CONTRACT/OFFER NO. AS DESCRIBED IN ITEM 14.

A. This Change Order is issued pursuant to (Specify authority). The changes set forth in Item 14 are made in the contract order No. ST.

B. The above numbered contract/offer is modified to reflect the administrative changes (such as changes in appropriation date, etc.) set forth in Item 14, pursuant to the authority of.

C. This supplemental agreement is entered into pursuant to authority of.

D. Other (Specify type of modification and authority)

X Section I, DEAR 970.3511-1 Work Authorization (May 2007)

E. IMPORTANT: Contractor is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, excluding solicitation/contract subject matter where feasible)

A. The purpose of this modification is to incorporate two (2) contract work authorization references SNMS Financial Plan No. 11. Accordingly the following applies:

1) No. SL5410003-16, Rev 1, for Strategic National Laboratory Support (See Attachment 1-A)

2) No. SL5410003-16 Rev 2, for Solar Energy (See Attachment 1-B)

Funds were previously allocated by separate modification, reference SNMS Financial Plan No. 11 for FY 2016.

B. This modification formally incorporates the above referenced contract work...

[Continued...]

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

A. NAME AND TITLE OF SIGNER (Type or print)

Angela R. Horton

B. CONTRACTOR/OFFER

C. DATE SIGNED

06/30/16

D. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

E. UNITED STATES OF AMERICA

F. DATE SIGNED

STANDARD FORM 30 (REV. 12-05)

Previous edition unusable

04/08/2013
As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:

<table>
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<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
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<td>authorizations as part of the contract.</td>
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SAVANNA H RIVER NUCLEAR SOLUTIONS LLC
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2. AMENDMENT/MODIFICATION NO.

0621

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

16EM001968

5. PROJECT NO. (if applicable)

6. ISSUED BY

CODE

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

00901

7. ADMINISTERED BY (if other than item 6)

CODE

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 29801

8. NAME AND ADDRESS OF CONTRACTOR (Include street, city, county, state and zip code)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (see item 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (see item 13)

01/10/2008

CODE 7988861048

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE OPENING HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

Net Increase: $214,720,417.37

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 15A.

☐ B. THE ABOVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in price, payment, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 41.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☒ DEAR 970.5232–4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 14 for FY 2016. Funds in the amount of $214,720,417.37 are hereby obligated to CLIN 0001, thereby increasing it from $7,212,744,881.10 to $7,427,465,298.47.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,610,569,411.27 to $8,825,289,828.64.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

06/24/16

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Sylvia C. Maroney

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Needed to complete official record)

STANDARD FORM 30 (REV. 10-63)

Prepared by OSA

FAR (48 CFR) 53.243

NSN 7540-01-152-6970

Previous edition unsuitable
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**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. **CONTRACT ID CODE**
2. **EFFECTIVE DATE**
3. **REQUISITION/PURCHASE REQ NO**
4. **PROJECT NO. (if applicable)**
5. **ADMINISTERED BY**
6. **CODE**
7. **AMENDMENT NO.**
8. **DATE**
9. **AMENDMENT OF SOLICITATION NO.**
10. **MODIFICATION OF CONTRACT/ORDER NO.**
11. **DATE DATED (SEE ITEM 11)**
12. **NET INCREASE**
13. **DESCRIPTION OF AMENDMENT/MODIFICATION**
14. **SIGNER**
15. **NAME AND TITLE OF SIGNER**
16. **DATE SIGNED**
17. **UNITED STATES OF AMERICA**
18. **DATE SIGNED**

---

### 1. CONTRACT ID CODE

- **Code:** 00901

### 2. EFFECTIVE DATE

- **See Block 16C**

### 3. REQUISITION/PURCHASE REQ NO

- **16EM001968**

### 4. PROJECT NO. (if applicable)

- **Aiken SC 29802**

### 5. ADMINISTERED BY (if other than item 6)

- **SAVANNAH RIVER OPERATIONS**

### 6. CODE

- **SAVANNAH RIVER NUCLEAR SOLUTIONS LLC**

### 7. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)

- **Attn: LLOYD CLEVENGER II**
  - **203 LAURENS ST SW**
  - **Aiken SC 29801**

### 8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)

- **798861048**

### 9. DATE DATED (SEE ITEM 11)

- **01/10/2008**

### 10. MODIFICATION OF CONTRACT/ORDER NO.

- **DE-AC09-DB002479**

### 11. NET INCREASE

- **$1,166,958.43**

### 12. DESCRIPTION OF AMENDMENT/MODIFICATION

- **A.** This change order is issued pursuant to (Specify authority). The changes set forth in Item 14 are made in the contract order no. in Item 10A.

### 13. SIGNER

- **Angela S. Norton**

---

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION

- **A.** The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 14 for FY 2016. Funds in the amount of $1,166,958.43 are hereby obligated to CLIN 0001, thereby increasing it from $7,427,265,298.47 to $7,427,284,256.90.

- **B.** As a result of this modification, Part 1 - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,825,289,828.64 to $8,826,458,787.07.

- **C.** The contract estimated value and all other terms and conditions remain unchanged.

---

**Note:**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as herefore changed, remains unchanged and in full force and effect.
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $8,826,458,787.07 includes obligation of $1,168,958.43 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $1,168,958.43 for a cumulative total of $4,472,111.38 to-date for FY 2016.

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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: 0623
6. ISSUED BY: Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (Use street, city, state and zip code): SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVENGER II
203 LAURENS ST SW
Aiken SC 29801

CODE: 798861048
FACILITY CODE:

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 12 and 15, and returning two copies of the amendment, or (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDER. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE: A. THIS CHANGE ORDER IS ISSUED PURSUANT TO [Specify authority. The changes set forth in item 14 are made in the contract order No. in item 10A.]
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES [such as changes in payment office, appropriate dates, etc.] SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

D. OTHER [Specify type of modification and authority]

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT: Contractor [ ] is not required to sign this document and return [ ] copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by OFC section headings, including solicitation/contract subject matter where has solicitation:)

A. The purpose of this modification is to obligate funds to CLIN 9001, [Reimbursable Work for Other Federal Agency] in accordance with SECS FINPLAN No. 14 for FY 2016, as cited below:

1) Department of Justice: $1,914,914.09
2) Department of State: $50.27
3) Other: $220,491.33

The total amount obligated is $2,135,355.15 thereby increasing it from $7,429,634,256.90 to $7,430,769,612.05.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print): Angela S. Morton

15C. DATE SIGNED: 10/01/2008

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print):

16C. DATE SIGNED: 10/01/2008

STANDARD FORM 20 (REV. 10-83)
Prepared by GSA
FAR (48 CFR) 52.243

NSN 7540-01-152-6270
Previous edition unusable
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,826,458,787.07 to $8,828,594,142.22.

C. The contract estimated value and all other terms and conditions remain unchanged.

FOB: Destination

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N91 7510.01-152-6087

OPTIONAL FORM 330 (4-69)
Sponsored by USA
FAR (48 CFR) 31.110
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended.

☐ The above numbered solicitation is not amended.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

No Change to Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X DEAR 970.5243-1 Changes (Dec 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to modify the existing clause under Part I - The Schedule, Section H - Special Contract Requirements H-14, in accordance to guidelines provided by Department of Energy, Office of Environmental Management, reference Acquisition Letter No. AL-2016-01, dated January 15, 2016. Accordingly, Special Contract Requirements Clause H.14, Employee Compensation: Pay and Benefits is hereby revised and restated, see attached hereto, pages 2 through 14.

B. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

(Signature of person authorized to sign)

15B. CONTRACTOR/OFFEROR

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

Attn: LLOYD CLEVINGER II

203 LAURENS ST SW

AIKEN SC 29801

15C. DATE SIGNED

02/08/2017

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

16B. UNITED STATES OF AMERICA

Signature on File

NSN 7540-01-152-8070

Previous edition unusable
Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 29801

CODE 798861048

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 16 and returning copies of the amendment; (b) By acknowledging receipt of the amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If you desire to change an offer already submitted, such change may be made by telegram or letter. Provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required):
No Change in Accounting and Appropriation Data

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACT ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority)
B THE ABOVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in payee, appropriation, etc.) SET FORTH IN ITEM 14
C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO (Specify authority)
D OTHER (Specify type of modification and authority)

X Section 1. DEAR 970.5211-1 Work Authorization (May 2007)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC section headings; include solicitation/contract subject matter where feasible):

A. The purpose of this modification is to incorporate fourteen (14) contract work authorizations reference SRNS Financial Plan #14. Accordingly, the following applies:

1. No. RD-410003-16, Rev 2, for Power Systems Engineering Research and Development (See Attachment 1-A)
2. No. RD-410003-16, Rev 3, for Power Systems Engineering Research and Development (See Attachment 1-B)
3. No. IN1025-16, Rev 2, for Energy and Threat (See Attachment 1-C)
4. No. IN1025-16, Rev 3, for Energy and Threat (See Attachment 1-D)
5. No. IN1035-16, Rev 5, for Energy and Threat (See Attachment 1-E)
6. No. IN1035-16, Rev 6, for Energy and Threat (See Attachment 1-F)

Continued ...
### ITEM NO. | SUPPLIES/SERVICES | QUANTITY | UNIT | UNIT PRICE | AMOUNT
---|---|---|---|---|---
7) | No. IN16013-16, Rev 5, for Energy and Threat (See Attachment 1-G) | | | | |
8) | No. IN16013-16, Rev 6, for Energy and Threat (See Attachment 1-H) | | | | |
9) | No. 410003-TS-16, Rev 4 for SRNL Technical Support - LFRG (See Attachment 1-I) | | | | |
10) | No. HQ091501-16, Rev 1 for Universal Canister Technology Development (See Attachment 1-J) | | | | |
11) | No. 89X0319-16, Rev 5 for Fuel Cycle Research and Development (See Attachment 1-K) | | | | |
12) | No. HQ1001-16, Rev 2 for Energy Employee Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-L) | | | | |
13) | No. KC/SRI/1-16, Rev 3 for Basic Energy Sources (See Attachment 1-M) | | | | |
14) | No. H1-410003-16, Rev 5 for Fuel Cell Technologies Office (See Attachment 1-N) | | | | |

Funds were previously allocated by separate modification; reference SRNS Financial Plan #14 for FY 2016.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
The purpose of this modification is to exercise the option to extend the term of the monthly Contract for an additional 22 months, thereby extending the period of performance from October 1, 2016 to July 31, 2018.

All other terms and conditions remain unchanged.

Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as hereinafter changed, remains unchanged and in full force and effect.

Check One

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

   X EXERCISE OF OPTION in accordance with FAR 52.217-9 and Clause F.4

E. IMPORTANT: Contractor: 

   Signature on File

F. IMPORTANT: Contractor: 

   Signature on File

No Change in Accounting Data

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to exercise the option to extend the term of the Contract for an additional 22 months, thereby extending the period of performance from October 1, 2016 to July 31, 2018.

B. Funding will continue to be allocated by separate modifications in accordance with monthly FINPLANS.

C. All other terms and conditions remain unchanged.

Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as hereinafter changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. UNITED STATES OF AMERICA

Signature on File

15C. DATE SIGNED

08/04/2016
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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**SAVANNAH RIVER NUCLEAR SOLUTIONS LLC**

**Attn:** LLOYD CLEVENGER II  
**203 LAURENS ST SW**  
**AIKEN SC 29801**

**CODE:** 798861048  
**FACILITY CODE:** 01/10/2008

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment, (b) By acknowledgment of this amendment on each copy of the offer submitted, (c) By separate letter or telegram which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by value of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (if required)**

**Net Increase:** $15,684,240.42  
**See Schedule**

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X) DEAR 970.5232-4 Obligation of Funds (2000)

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)**

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 15 for FY 2016. Funds in the amount of $15,684,240.42 are hereby obligated to CLIN 0001, thereby increasing it from $7,430,769,612.05 to $7,446,453,852.47.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,828,594,142.22 to $8,844,278,382.64.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Excepts as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as hereinafter changed, remains unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**

Sylvia C. Maroney

**15C. DATE SIGNED**

01/10/2008

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

Sylvia C. Maroney

**16C. DATE SIGNED**

01/29/2016
**NAME OF OFFEROR OR CONTRACTOR**  
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

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<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: 0629
2. AMENDMENT/MODIFICATION NO.: See Block 16C
3. EFFECTIVE DATE: 06/29/2016
4. REQUISITION/PURCHASE REQ. NO.: 16EM002230
5. PROJECT NO. (if applicable): 0901
6. ISSUED BY: Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802
7. ADMINISTERED BY (if other than item 6): Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802
8. NAME AND ADDRESS OF CONTRACT OR ORIGINATOR (ie., street, city, state, and zip code):
   SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
   Attn: Lloyd Clevinger II
   203 Laurens St SW
   Aiken SC 29801
9. AMENDMENT OF SOLICITATION NO.:
10. MODIFICATION OF CONTRACT/ORDER NO.:
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
   (See Item 13)
   The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers
   shall be extended. ☐ is not extended.
   Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of
   the following methods: (a) By completing Items 8 and 15, and returning ______ copies of the amendment;
   (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which
   includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE
   RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE
   SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. ☐
   Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date
   specified may result in rejection of your offer. ☐

12. ACCOUNTING AND APPROPRIATION DATA (if required)
   Net Increase: $435,409.32
   See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where Isolate):
   A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 15 for FY 2016. Funds in the amount of $435,409.32 are hereby obligated to CLIN 0001, thereby increasing it from $7,446,453,852.47 to $7,446,889,261.79.
   B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,844,278,382.64 to $8,844,713,791.96.
   C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

15A. NAME AND TITLE OF SIGNER (Type or print):
   Marie A. Garvin
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print):
   Marie A. Garvin
15B. CONTRACTOR/OFFEROR:
   Signature on File
16B. UNITED STATES OF AMERICA
15C. DATE SIGNED: 06/29/2016
16C. DATE SIGNED: 06/29/2016

STANDARD FORM 30 (REV. 10-83)
Prepared by GSA
FAR (48 CFR) 52.243

NSN 7540-01-162-6070
Previous edition unusable
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING – The Total Obligated amount of $8,844,713,791.96 includes obligation of $435,409.32 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $435,409.32 for a cumulative total of $4,907,520.70 to-date for FY 2016.

Payment:

FOB: Destination
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and resuming copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase: $1,388,301.25

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 15 for FY 2016, as cited below:

1) Department of Defense: $17,200.00
2) Department of Homeland Security: $95,000.00
3) Other: $1,276,101.25

The total amount obligated is $1,388,301.25 thereby increasing it from $7,446,889,261.79 to $7,448,277,563.04.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Sylvia C. Maroney

15C. DATE SIGNED

6/29/2016

16B. UNITED STATES OF AMERICA

Signature on File

STANDARD FORM 30 (REV. 10-83)

Previous edition usable
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,844,713,791.96 to $8,846,102,093.21.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2 AMENDMENT/MODIFICATION NO 0631
3 EFFECTIVE DATE See Block 10c
4 REQUISITION/PURCHASE REQ NO 16EX0012198
5 PROJECT NO (if applicable)

6 ISSUED BY

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
SAVANNAH RIVER OPERATIONS
P.O. Box A
Aiken SC 29802

8 NAME AND ADDRESS OF CONTRACTOR (city, street, county, state and zip code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVENGER II
103 LAURENS ST SW
Aiken SC 29801

9A AMENDMENT OF SOLICITATION NO

10A MODIFICATION OF CONTRACT/ORDER NO

10B DATED (SEE ITEM 12)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended by one of the following methods: (a) By completing Items 8 and 10 and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted or by separate letter or telegram which includes reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. By virtue of this amendment, you desire to change an offer already submitted. Such change may be made by telegram or letter. Provided each telegram or letter makes reference to the solicitation and this amendment and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (if required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A

B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14 PURSUANT TO THE AUTHORITY OF FAR 43.103(b)

C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

X DEAR 970.5232-4 Obligation of Funds (DEO 2000)

E IMPORTANT: Contractor is not required to sign this document and return copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by DCF section headings, including solicitation/contract subject matter where feasible):

A. The purpose of this modification is to disburse funds from Item 0001, (DEO Funds) in accordance with Savannah River Nuclear Solutions Financial Plan No. 16 for FY 2016. Funds in the amount of $1,730,000.00 are hereby deobligated from CLIN 0001, thereby decreasing it from $7,481,277,361.04 to $7,444,537,361.04.

B. As a result of this modification, Part 1 - Supplies, Section B, Supplies or Services and Price/Cost, paragraph E, entitled "Modification of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $4,546,102,972.21 to $4,341,572,972.21.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

Exhibit as provided herein. All terms and conditions of the document referenced in Item 9A or 10A as hereafter amended remains unchanged and in full force and effect.

15A NAME AND TITLE OF CONSTRUCTING OFFICER (Type or print)

John W. Temple, Senior Vice President
Contracts and Supply Chain Management

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Andrea J. Wester

16B CONTRACTOR SIGNATURE

[Signature]

16C DATE SIGNED

7/13/2016

17A UNITED STATES OF AMERICA

17C DATE SIGNED

7/13/2016

NNS 7540-01-112-0070

Previous edition unavailable

STANDARD FORM 80 (REV 10-83)

Prescribed by: DLA
FAR (48 CFR) 52.243
### Item No. Supplies/Services

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<th>Item No.</th>
<th>Supplies/Services</th>
<th>Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Amount</th>
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**Payment:**
FOB: Destination
## AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

### 1. CONTRACT ID CODE
- 0632

### 2. AMENDMENT/MODIFICATION NO.
- 0632

### 3. EFFECTIVE DATE
- See Block 16C

### 4. REQUISITION/PURCHASE REQ NO.
- 00901

### 5. PROJECT NO. (If applicable)
- 

### 6. ISSUED BY
- Savannah River Operations
- U.S. Department of Energy
- Savannah River Operations
- P.O. Box A
- Aiken SC 29801

### 7. NAME AND ADDRESS OF CONTRACTOR (do not alter, ever]
- SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
- Attn: LLOYD CLEVINGER II
- 703 LAURENS ST SW
- Aiken SC 29801

### 8. CODE
- 00901

### 9. AMENDMENT OF SOLICITATION/MODIFICATION NO.
- 0632

### 10. DATED (See Item 11)
- 01/18/2008

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended to the date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. In the event of an amendment you desire to change an offer already submitted, such change may be made by telegram or letter provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (if required)
- No Change in Accounting and Appropriation Data

### 13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

### CHECK ONE
- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority). THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14 PURSUANT TO THE AUTHORITY OF FAR 43.100B
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
- D. OTHER (Specify type of modification and authority)

### 14. IMPORTANT: Contractor is not required to sign this document and return copies to the issuing office.

The purpose of this modification is to (a) correct clerical errors under Modification 0625; and (b) incorporate ten (10) contract work authorizations referenced in the Financial Plan #15. Accordingly, the following applies:

A. Reference Modification 0625, the following revisions/administrative changes applies to Block 14, paragraph A Item 13, and the Contract Work Authorization Supporting Documentation Index, Attachment 1. Replacement page only is provided as Attachment 2 to this modification. The Contract Work Authorization title of Item #13 only throughout the modification is changed to read as follows:

FROM: (13) US Army Corps of Engineers
TO: (13)

### 15. NAME AND TITLE OF SIGNER (Type or print)
- Angela S. Morton

### 16. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
- 

### 17. CONTRACTOR/OFFICER
- 

### 18. UNITED STATES OF AMERICA
- 

### 19. DATE SIGNED
- 01/18/2008

### 20. SIGNATURE OF CONTRACTING OFFICER
- 

### 21. SIGNATURE OF CONSTRUCTING OFFICER
- 

### 22. FACILITY CODE
- 9801

### 23. EFFECTIVE DATE
- See Block 16C

### 24. MODIFICATION NO.
- 0632

### 25. DATED
- 01/18/2008

### 26. AMENDED BY
- (Specify other than Item 6)
- 

### 27. CODE
- 

### 28. AMENDMENT OF SOLICITATION/MODIFICATION NO.
- 0632

### 29. DATED (See Item 31)
- 01/18/2008

### 30. MODIFICATION OF CONTRACT/ORDER NO.
- DC009-069R.12470

### 31. DATED (See Item 13)
- 01/18/2008
The ten (10) contract work authorizations listed below are hereby incorporated under the contract:

1) SR091701-16, Rev 1 In Situ Decommissioning Technology Development and Demonstration (See Attachment 1-A)
2) SR071801-16, Rev 1 Attenuation Based Remedies AFRI (See Attachment 1-B)
3) 410003-TS-16, Rev 5 Technical Support - HQ Program Support (See Attachment 1-C)
4) OR04110-16, Rev 0 Advanced Decontamination of Radioactive Liquids Demonstration (See Attachment 1-D)
5) HQ091101-16, Rev 1 Advanced Simulation Capability for Environmental Management (ASCEM) (See Attachment 1-E)
6) HQ091801-16, Rev 0 EM Cleanup Innovation and Technology - Robotics and Remote Systems Technology Support (See Attachment 1-F)
7) HQTD1000-16, Rev 2 Technical Planning, Integration and Risk Management (See Attachment 1-G)
8) HQTD1001-16, Rev 2 Waste Retrieval and Closure Technologies (See Attachment 1-H)
9) HQTD1002-16, Rev 2 Alternative Waste Pretreatment (See Attachment 1-I)
10) HQTD1005-16, Rev 1 Increased Wasted Loading: Long-Term Corrosion Studies (See Attachment 1-J)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #15 for FY 2016.

C. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

D. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.
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<th>SUPPLIES/GOVERNMENTS</th>
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Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
2. AMENDMENT/MODIFICATION NO. 0233
3. EFFECTIVE DATE
4. REQUISITION/PURCHASE REQ. NO. 16DM002501
5. PROJECT NO. (if applicable)
6. ISSUED BY
   SAVANNAH RIVER OPERATIONS
   D.S. DEPARTMENT OF ENERGY
   SAVANNAH RIVER OPERATIONS
   P.O. BOX A
   AIKEN, SC 29802
7. NAME AND ADDRESS OF CONTRACTOR/PROVIDER
   SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
   ATTN: LLOYD CLEVENGER 11
   203 LAURENS ST SW
   AIKEN, SC 29801
8. AMENDMENT NO. 3A
9. AMENDMENT NO. 3A
10. AMENDMENT NO. 3A
11. AMENDMENT NO. 3A
12. AMENDMENT NO. 3A
13. AMENDMENT NO. 3A
14. AMENDMENT NO. 3A

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 9 and 13, and returning copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted. (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

12. ACCOUNTING AND APPROPRIATION DATA if required
   See Schedule
   Accounting and Appropriation Data Not Increased
   $4,925,246.95

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACT/SCHEDULES. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE: A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority - THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.10(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC section headings including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRRS FINPPLAN No. 17 for FY 2016. Funds in the amount of $4,925,246.95 are hereby obligated to CLIN 0001, thereby increasing it from $7,446,547,653.04 to $7,451,472,809.99.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph E, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,844,372,093.21 to $8,849,297,340.16.

C. The contract estimated value and all other terms and conditions remain unchanged.

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### Amendment of Solicitation/Modification of Contract

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**6 ISSUED BY:**

Savannah River Operations  
U.S. Department of Energy  
Savannah River Operations  
P.O. Box A  
Aiken SC 29802

**8 NAME AND ADDRESS OF CONTRACTOR:**

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: LLOYD CLEVELING 11  
303 LAURENS ST SW  
Aiken SC 29801

**CODE: 798961048**  
**FACILITY CODE**

### 11. This Item Only Applies to Amendments of Solicitations

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended as indicated. Items 8 and 15, and returning copies of the amendment. By acknowledging receipt of this amendment on each copy of the offer submitted, or by separate letter or telegram which include a reference to the solicitation and amendment numbers, the offeror certifies that receipt of this amendment has been acknowledged. Failure to acknowledge receipt of this amendment may result in rejection of your offer.

### 12. Accounting and Appropriation Data (if required)

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### 13. This Item Only Applies to Modifications of Contracts/Orders. It Modifies the Contract/Order No. as Described in Item 14.

- **A** This Change Order IS Issued Pursuant to (Specify authority. The changes set forth in Item 14 are made in the contract order no. in Item 15A.
- **B** The above numbered Contract Order is modified to reflect the administrative changes (such as changes in payment date, etc.) set forth in Item 14, pursuant to the authority of FAR-6.103.
- **C** This Supplemental Agreement is Entered Into Pursuant to Authority of
- **D** Other (Specify type of modification and authority)

**X** DEAR 970.1232-4 Obligation of Funds (2000)

### 14. Description of Amendment/Modification

Organized by OCR section headings, including solicitation contract subject matter where applicable:

A. The purpose of this modification is to obligate funds to CLIN 0001. [Reimbursable Work Commercial (Non-Appropriated funds)] in accordance with SRES FINPLAN No. 17 for FY 2016. Funds in the amount of $589,799.11 are hereby obligated to CLIN 0001, thereby increasing it from $7,451,472,809.99 to $7,452,062,609.10.

B. As a result of this modification, Part I - Schedule, Section A. Supplies or Services and Price/Unit, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,849,297,340.16 to $8,849,887,139.27.

C. The contract estimated value and all other terms and conditions remain unchanged.

### Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remain unchanged and in full force and effect.

**15 A NAME AND TITLE OF SIGNER:**

Angela S. Morton

**15 C DATE SIGNED:**

7/31/16

**STANDARD FORM 30 (REV. 10-83) Preceded by OSA.**

**FAX: (800) 244-2323**
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $8,849,887,139.27 includes obligation of $589,799.11 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $589,799.11 for a cumulative total of $5,497,319.81 to-date for FY 2016.

Payment:

FOB: Destination

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<th>UNIT PRICE (E)</th>
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## Amendment of Solicitation/Modification of Contract

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<td>See Block 16C</td>
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<td>U.S. Department of Energy</td>
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<td>P.O. Box A</td>
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<tr>
<td>Aiken SC 29802</td>
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<tr>
<td>Name and Address of Contractor: (No. street, city, state)</td>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
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<tr>
<td>Attn: LLOYD CLEVINGER II</td>
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<tr>
<td>203 LAURENS ST SW</td>
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<td>Aiken SC 29801</td>
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<td>0E-AC09-08SR22470</td>
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<td>Date</td>
<td>01/10/08</td>
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<td>Schedule</td>
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<td>Check One</td>
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<tr>
<td>A. This Change Order Is Issued Pursuant To (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER No. IN ITEM 10A.</td>
<td></td>
</tr>
<tr>
<td>B. The Above Numbered Contract/Order Is Modified To Reflect the Administrative Changes (such as changes in Project Officer, Contracting Officer, etc.) SET FORTH IN ITEM 14; PURSUANT TO THE AUTHORITY OF FAR 43 103b.</td>
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<tr>
<td>C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of</td>
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<tr>
<td>X</td>
<td>DEAR 970.5232-4 Obligation of Funds (2000)</td>
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<td>Important:</td>
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<tr>
<td>Contractor</td>
<td></td>
</tr>
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<td>X</td>
<td>As required to sign this document and return copies to the issuing office</td>
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</table>

### Description of Amendment/Modification

- **Organized by LOC section headings:** including solicitation/contract subject matter where applicable.
- **A:** The purpose of this modification is to oblige funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 17 for FY 2016, as cited below:

  1. Department of Defense: $274,155.00
  2. Department of State: $46,601.94

  The total amount obligated is $320,756.94 thereby increasing it from $7,452,062,609.10 to $7,452,383,366.04.

- **B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Continued...**

  Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A as hereinbefore changed, remain unchanged and in full force and effect.

  **16A Name and Title of SIGNED (Type or print):**

  Angela S. Morton

  **16B Contractor/Orderer:**

  **16C Date Signed:**

  [Signature of Contractor/Orderer]  
  [Date: 7/23/16]
Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,849,887,139.27 to $8,850,207,896.21.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination

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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
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**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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<tr>
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<td>0636</td>
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**6. ISSUED BY**

Savannah River Operations  
U.S. Department of Energy  
Savannah River Operations  
P.O. Box A  
Aiken SC 29802

**7. ADMINISTERED BY (If other than item 6)**

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: LLOYD CLEWINGER 11  
203 LAURENS ST SW  
Aiken SC 29801

**CODE 798861048**

**FACILITY CODE**

**10A. AMENDMENT OF SOLICITATION NO.**

**10B. DATED (SEE ITEM 11)**

**10A. MODIFICATION OF CONTRACT ORDER NO.**

DE-AC09-09SR2470

**10C DATED (SEE ITEM 12)**

01/10/2008

**11A. CODE 1036**

**11B. DATE SIGNED**

2.4.2014

**11C. DATE SIGNED**

11A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

**SAVANNAH RIVER OPERATIONS OFFICE**

**SAVANNAH RIVER OPERATIONS**

P.O. Box A  
Aiken SC 29802

**14. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended or not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods: (a) By completing Items 10 and 11 and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**

A. This change order is issued pursuant to (Specify authority). The changes set forth in Item 14 are made in the contract order no. in item 10A.

B. The above numbered contract order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in Item 14. Pursuant to the authority of FAR 43.103(b).

C. This supplemental agreement is entered into pursuant to authority of (Specify type of modification and authority):

X Clause 1.36 DEAR 976.5204-2 Laws, Regulations and DOE Directives (DEL) 2008 (Deviation) (Amendment 003)

E. IMPORTANT: Contractor is not required to sign this document and return 1 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation contract subject matter where feasible)**

A. The purpose of this modification is to revise and update the list of DOE Directives and Orders applicable to this contract under Section J.

B. Section J - Appendix E - List B/Applicable DOE Directives and Orders (Amendment 003) is deleted in its entirety and is replaced by Section J - Appendix E attached hereto.

C. All other terms and conditions of the contract remain unchanged.

Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 0A or 10A, as hereafter changed, remain unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**

John W. Temple, Senior Vice President

Contracts and Supply Chain Management

**15B. CONTRACTS OFFICER**

John W. Temple

**15C. DATE SIGNED**

02.20.14

**15D. UNITED STATES OF AMERICA**

**15E. SIGNATURE OF CONTRACTING OFFICER (Type or print)**

Angela S. Morton

Signature of Contracting Officer

STANDARD FORM 30 (REV. 10-63)

Printed by GSA

FAR (45 CFR) 52.243

N19 7540-01-152-0270

Previous section unsuitable
The purpose of this modification is to incorporate two (2) contract work authorizations reference SRNS Financial Plan #15. Accordingly the following applies:

1) IN16025-16, Rev 4 Energy and Threat (See Attachment 1-A)

2) IN16035-16, Rev 7 Energy and Threat (See Attachment 1-B)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #15 for FY 2016.

C. This modification formally incorporates the above referenced contract work

Continued ...
authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

D. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
11. This item only applies to amendments of solicitations. It modifies the contract/order no. as described in Item 14.

A. This change order is issued pursuant to (Specify authority) the changes set forth in Item 14 are made in the contract order no. in Item 10A.

B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in Item 14, pursuant to the authority of FAR 43.103(b).

C. This supplemental agreement is entered into pursuant to authority of:

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT: Contractor [X] is not required to sign this document and return the number of copies to the issuing office. [ ] is required to sign this document and return the number of copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/vendor subject matter where feasible)

A. The purpose of this modification is to incorporate one (1) contract work authorization reference SRNS Financial Plan #16. Accordingly the following applies:

1) SR071801-16, Rev 2 Attenuation Based Remedies AFRI (See Attachment 1-A)

Funds were previously allocated by separate modification: reference SRNS Financial Plan #16 for FY 2016.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as hereinafter changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

15C. DATE SIGNED

8/10/08

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Sylvia C. Maroney

16C. DATE SIGNED

8/10/08

FAR (48 CFR) 53.243
become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
2. AMENDMENT/MODIFICATION NO.
3. EFFECTIVE DATE
4. REQUISITION/ PURCHASE REQ NO.
5. PROJECT NO. (IF APPLICABLE)
6. ISSUED BY
   NAME AND ADDRESS OF CONTRACTOR:
   CODE
7. ADMINISTERED BY (IF OTHER THAN ITEM 6)
6. CODE
SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
SAVANNAH RIVER OPERATIONS
P.O. BOX A
AIKEN, SC 29802

8. NAME AND ADDRESS OF CONTRACTOR:
   CODE
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVERINGER II
203 LAURENS ST SW
AIKEN, SC 29801

9. AMENDMENT OF SOLICITATION NO.
   CODE
10A. MODIFICATION OF CONTRACT/ ORDER NO.
   DE-AC04-08SR22470
10B. DATED (SEE ITEM 11)
01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.

12. ACCOUNTING AND APPROPRIATION DATA (IF REQUIRED)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/O RDER, IT MODIFIES THE CONTRACT/O RDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority). THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
B. THE ABOVE NUMBERED CONTRACT/O RDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.100(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
   Section 1, DEAR 970.5211-1 Work Authorization (May 2007)
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings; including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to incorporate nine (9) contract work authorizations referenced in the new contract.

B. The following are the changes:

1) 410003-T5-16, Rev 6 Technical Support (See Attachment 1-A)
2) PC410003-16, Rev 0 Pkg. and Curt & Pkg and Trans Ops Suppt (See Attachment 1-B)
3) IN16035-16, Rev 8 Energy and Threat (See Attachment 1-C)
4) HO1004500-16, Rev 0 Specialized Technical Support for Nuclear Safety Research Development - SRNS (See Attachment 1-D)
5) IPA-410003-16, Rev 0 Technical Assistance Intergovernmental Personnel Assignment for Upgrade of SRNS, NWC Facility Safety Board Activities (See Attachment 1-E)
6) SL-410003-16, Rev 5 Solar Energy (See Attachment 1-F)

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as hereinafter changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton
(Handwritten Signature)

15B. CONTRACTOR/ORDER
15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA
16C. DATE SIGNED

STANDARD FORM 30 (REV. 10-83)
Previous edition unsuitable

NSN 754001-162-2070

Prepared by GSA
FAR (48 CFR) 51.243
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<td>7) RD-410003-16, Rev 4 Power Systems Engineering Research and Development (See Attachment 1-G)</td>
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<td>8) HQ091801-16, Rev 1 EM Science of Safety Robotics Challenge at Portsmouth, Ohio-SRNL (See Attachment 1-H)</td>
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<td>9) HQ1001-16, Rev 3 Energy Employee Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-I)</td>
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Funds were previously allocated by separate modification; reference SRNS Financial Plan #17 for FY 2016.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 11. CONTRACT ID CODE PAGE OF PAGES

640 See Block 16C 16EM002867

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVEINGER II
203 LAURENS ST SW
Aiken SC 29801

CODE 798861048
FACILITY CODE

DEAR 970.5232-4 Obligation of Funds (2000)

A. The purpose of this modification is to obligate funds to CLIN 0001, Department of Energy (DOE) in accordance with SRNS FINPLAN No. 18 for FY 2016. Funds in the amount of $9,233,537.06 are hereby obligated to CLIN 0001, thereby increasing it from $7,452,393,366.04 to $7,461,616,903.10.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,850,207,896.21 to $8,859,441,433.27.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)
Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED
8/24/16

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16C. DATE SIGNED

STANDARD FORM 30 (REV. 10-83)
Prepared by GSA
FAR (48 CFR) 53.243
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### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<th>CODE</th>
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**Savannah River Operations**  
**U.S. Department of Energy**  
**Savannah River Operations**  
**P.O. Box A**  
**Aiken SC 29802**

| 8. NAME AND ADDRESS OF CONTRACTOR (Do. street, county, State and ZIP Code) |
|-------------------------------|---------------------------------|
| **SAVANNAH RIVER NUCLEAR SOLUTIONS LLC** |
| **Attn: LLOYD CLEVINGER 11** |
| **203 LAURENS ST SW** |
| **Aiken SC 29802** |

<table>
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#### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 10 and 15 and returning copies of the amendment to the issuing office; or (b) By acknowledging receipt of this amendment on each copy of the offer submitted. The amendment is to be returned to the issuing office.

**Net Increase:** $493,137.47

#### 12. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT ORDERS. IT MODIFIES THE CONTRACT ORDER NO. AS DESCRIBED IN ITEM 14.

**CHECK ONE:**

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority). THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 12A.
- B. THE ABOVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

**X** DEAR 970,5232-4 Obligation of Funds (2000)

#### 13. IMPORTANT:

**E.** Contractor is required to sign this document and return copies to the issuing office.

**F. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings including solicitations/contract subject matter where feasible):**

A. The purpose of this modification is to obligate funds to CLIN 0001. (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with HQRS FINPLAN No. 16 for FY 2016. Funds in the amount of $493,137.47 are hereby obligated to CLIN 0001, thereby increasing it from $7,461,616,903.10 to $7,462,110,040.57.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,859,441,433.27 to $8,859,934,570.74.

C. The contract estimated value and all other terms and conditions remain unchanged.

**Continued...**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 12A, as hereinafter changed, remain unchanged and in full force and effect.

**15A NAME AND TITLE OF SIGNER (Type or print):**

Angela B. Harton

**16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print):**

Angela B. Harton

**16C DATE SIGNED:**

8/25/16

**STANDARD FORM 33 (REV 1983)**

Prepared by: GSA  
FAR (48 CFR): 63243

**NSN 7540-01-152-0370**

Previous edition unusable
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $8,859,934,570.74 includes obligation of $493,137.47 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $493,137.47 for a cumulative total of $5,990,457.28 to-date for FY 2016.

Payment:

FOB: Destination

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<th>ITEM NO.</th>
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</table>
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

**1. CONTRACT ID CODE**

| 0642 |

**3. EFFECTIVE DATE**

See Block 16C

**4. REQUISITION/PURCHASE REQ NO**

16EM002867

**5. PROJECT NO. (if applicable)**

**6. ISSUED BY**

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

**8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)**

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVENGER II
203 LAURENS ST SW
AIKEN SC 29801

**10. MODIFICATION OF CONTRACT/ORDER NO.**

DE-AC09-08SR22470

**11. DATED (SEE ITEM 13)**

01/10/2008

**12. ACCOUNTING AND APPROPRIATION DATA (if required)**

- **Not Increase:** $4,804,179.53
- **See Schedule**

**13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**

- **A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority):** The changes set forth in Item 14 are made in the contract order no. in Item 10A
- **B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF (TAR 41.105B)**
- **C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF**
- **D. OTHER (Specify type of modification and authority):**

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by U.S. section headings, including solicitation/contract subject matter where feasible):**

A. The purpose of this modification is to obligate funds to CLIN 0001. (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 11 for FY 2016, as cited below:

1) Department of Defense: $1,112.26
2) Department of Homeland Security: $146,809.95
3) Department of State: $24,271.84
4) Other: $4,634,210.00

The total amount obligated is $4,804,179.53 thereby increasing it from $7,462,110,040.57 to $7,466,914,220.10.

**Continued...**

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as hereafter changed, remains unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print):**

Angela S. Norton

**15B. CONTRACTOR/OFFER**

**15C. DATE SIGNED**

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print):**

**16B. UNITED STATES OF AMERICA**

**16C. DATE SIGNED**

8/25/2016

SNS 734-01-152-0070

Previous edition unsuitable

STANDARD FORM 33 (REV. 10-03)

Prepared by GSA.

FAR (49 CFR) 52.245
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,859,934,570.74 to $8,864,738,750.27.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination

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<th>ITEM NO.</th>
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

AMENDMENT/MODIFICATION NO: 3641

EFFECTIVE DATE: See Block 16C

REQUISITION/PURCHASE REQ NO: 

PROJECT NO: (if applicable) 

ISSUED BY: 
Savannah River Operations
U.S. Department of Energy

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD GLEIINGER II
103 LAURENS ST SW
Aiken SC 29801

CODE 798861048

NAME AND ADDRESS OF CONTRACTOR: (No. street, city, state and ZIP Code)

ADMINISTERED BY: (if other than item 6) 

SAVANNAH RIVER OPERATIONS

CODE 

6 NAME AND ADDRESS OF CONTRACTOR: (No. street, city, state and ZIP Code)  

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended
Items 8 and 16, and returning copies of the amendment, (b) by acknowledging receipt of this amendment on each copy of the offer submitted, or (c) by separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. IF you value this amendment you desire to change an offer already submitted, such change may be made by telegram or letter; provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (if required)
See Schedule

THESE ITEMS ONLY APPLY TO AMENDMENTS OF SOLICITATIONS

This item only applies to modifications of contracts/orders. It modifies the contract/order no. as described in item 14.

CHECK ONE:

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify order and authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 15A

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14 PURSUANT TO THE AUTHORITY OF FAR 43.135b

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X Section I, DEAR 970.5211-2 Work Authorization (May 2007)

E. IMPORTANT: Contractor X is not is required to sign this document and return copies to the issuing office

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Obligated by DOD, section headings including solicitation contract subject matter where feasible)
The purpose of this modification is as follows:

A. Pursuant to DE Order 411.1A Work Authorization, and Contract Clause 1.53 Obligation of Funds, the SNRL Minor E&R's outlined in Attachment 1A, "No Year Funds," are hereby extended through 9/30/2017 subject to the availability of funds.

B. All other Terms and Conditions remain the same.

Note: This modification provides guidance regarding availability of funds and the Period of Performance only. Contract Work Authorizations for FY 2017 will be incorporated by separate modifications. Funds for work authorizations will continue to be allocated upon

Continued...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as hereinafter changed, remain unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER: (Type or print) 

Angela E. Morton

15B CONTRACTOR: (Signature of contractor authorized to sign)

15C DATE SIGNED: 8/29/16

16A NAME AND TITLE OF CONTRACTING OFFICER: (Type or print)

16B UNITED STATES OF AMERICA: 

16C DATE SIGNED: 

STANDARD FORM 30 (REV 10-83)

Printed by DOD
FAR 48 CFR: 53.243

NSN 7540-01-152-0070
Previous edition unsuitable
availability of funds under SRNS FIN PLANS for FY 2017, in accordance to the terms and conditions of the contract.

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**Savannah River Operations**  
U.S. Department of Energy  
Savannah River Operations  
P.O. Box A  
Aiken SC 29802

**8. NAME AND ADDRESS OF CONTRACTOR** (If other than Item 6)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: LLOYD CLEVINGER II  
203 LAURENS ST SW  
AIKEN SC 29801

**CODE** 798861048  
**FACILITY CODE**

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers . ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items B and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA** (If required)

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**  
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)  
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in awarding office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF  
D. OTHER (Specify type of modification and authority)  
X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

**E. IMPORTANT:** Contractor ☒ is to sign this document and return copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION** (Organized by UCF section headings, including solicitation/contract subject matter where possible)

A. The purpose of this modification is to incorporate eight (8) contract work authorizations reference SRNS Financial Plan #18. Accordingly the following applies:

1) SL-410003-16, Rev 6 Solar Energy (See Attachment 1-A)  
2) VT-410003-16, Rev 1 Vehicle Technologies Program (See Attachment 1-B)  
3) KC/SRI/6-16, Rev 4 Basic Energy Sciences (See Attachment 1-C)  
4) IN16035-16, Rev 9 Energy and Threat (See Attachment 1-D)  
5) 410003-CWR-16, Rev 1 Complex Wide Review (See Attachment 1-E)  
6) 86X0319-16, Rev 6 Fuel Cycle Research and Development (See Attachment 1-F)  
7) 410003-TS-16, Rev 7 Program Support (See Attachment 1-G)  
8) HI-410003-16, Rev 6 Fuel Cell Technologies Office (See Attachment 1-H)

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**  
Sylvia C. Maroney

**15B. CONTRACTOR/OFFEROR**

**15C. DATE SIGNED**

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**  
Sylvia C. Maroney

**16B. UNITED STATES OF AMERICA**

**16C. DATE SIGNED**

(9/15/16)

---

**NSN 7540-01-152-8070**  
Previous edition unusable
Funds were previously allocated by separate modification; reference SRNS Financial Plan #10 for FY 2016.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:

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NSN 7540-01-152-8067

OPTIONAL FORM 338 (4-86)
Sponsored by GSA
FAR 48 CFR 53.110
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 19 for FY 2016. Funds in the amount of $11,746,311.39 are hereby obligated to CLIN 0001, thereby increasing it from $7,466,914,220.10 to $7,478,660,531.49.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,864,738,750.27 to $8,876,485,061.66.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as hereafter changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

9/26/16

15D. UNITED STATES OF AMERICA

15E. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Sylvia C. Maroney

16B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

16C. DATE SIGNED

9/26/16

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Printed by CSA

FAR (48 CFR) 53.243
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Subject: Amendment of Solicitation/Modification of Contract

1. CONTRACT ID CODE: 0646
2. AMENDMENT/MODIFICATION NO.: 0646
3. EFFECTIVE DATE: See Block 16C
4. REQUISITION/PURCHASE REQ. NO.: 16EM003277
5. PROJECT NO. (if applicable):

6. ISSUED BY CODE: 00901
7. ADMINISTERED BY CODE:

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 29801

CODE: 798861048 FACILITY CODE: 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning copies of the amendment,
(b) By acknowledging receipt of this amendment on each copy of the offer submitted, or
(c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

See Schedule Net Increase: $528,930.35

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 19 for FY 2016. Funds in the amount of $528,930.35 are hereby obligated to CLIN 0001, thereby increasing it from $7,478,660,531.49 to $7,479,189,461.84.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,876,485,061.66 to $8,877,013,992.01.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remain unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print) Marie A. Garvin

15B CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

9/26/16

STANDARD FORM 30 (REV. 10-63)

NSN 7540-01-152-8070

Prescribed by GSA

FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $8,877,013,992.01 includes obligation of $528,930.35 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $528,930.35 for a cumulative total of $6,519,387.63 to-date for FY 2016.

Payment:

FOB: Destination

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The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers (see Item 11) is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of Offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $9,319,218.35

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)

THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

Contractor is not, is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 19 for FY 2016, as cited below:

1) Department of Defense: $541,477.27
2) Department of Homeland Security: $5,433,681.89
3) Department of Justice: $533,980.58
4) Department of State: $24,271.84
5) National Aeronautics and Space Administration: $-454,240.97
6) Other: $3,240,047.74

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

(Neutral person authorized to sign)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15C. DATE SIGNED

09/26/2016

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

(Signature of Contracting Officer)

Page 4 of 4
The total amount obligated is $9,319,218.35 thereby increasing it from $7,479,189,461.84 to $7,488,508,680.19.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,877,013,992.01 to $8,886,333,210.36.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
## Amendment of Solicitation/Modification of Contract

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### Name and Address of Contractor

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: LLOYD CLEVINGER II  
203 LAURENS ST SW  
AIKEN SC 29801

### Amendment of Solicitation No.

9A. **AMENDMENT OF SOLICITATION NO.**

9B. **DATED** (SEE ITEM 11)

### Modification of Contract/Order No.

10A. **MODIFICATION OF CONTRACT/OFFER NO.**  
DE-AC09-08SR22470

### Date Signed

01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14.
- The hour and date specified for receipt of Offers is **extended**.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. **ACCOUNTING AND APPROPRIATION DATA** (If required)

See Schedule

### Amendment of Solicitation/MODIFICATION OF CONTRACT

13. **THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/OFFER NO. AS DESCRIBED IN ITEM 14.**

A. **THIS CHANGE ORDER IS ISSUED PURSUANT TO:** (Specify authority) The changes set forth in Item 14 are made in the contract order no. in Item 10A.

B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in Item 14, pursuant to the authority of FAR 43.103(b).

C. This supplemental agreement is entered into pursuant to authority of:

D. **OTHER** (Specify type of modification and authority)

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

### Important

- Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. **DESCRIPTION OF AMENDMENT/MODIFICATION** (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to extend the Period of Performance for the contract work authorizations listed below:

1) No. 11C-FY17, Rev. 0, for SR-0011C NM Stabilization and Disposition - 2035 Fund Code 01264

2) No. 12-FY17, Rev. 0, for SR-0012 SNF Stabilization and Disposition Fund Code 01265

3) No. 13-FY17, Rev. 0, for SR-0013 Solid Waste Disposition Fund Code 01266

4) No. 14C-FY17-Support, Rev. 0, for SR-0014C SR Services and Contract Interface

5) No. 20-FY17, Rev. 0, for SR-0020 Safeguards and Security Fund Code 01250

6) No. 30-FY17, Rev 0, for SR-0030 Soil and Ground Water Remediation Fund Code 01267

7) No. 41-FY17, Rev 0 for SR-0041 Surveillance, Maintenance & Deactivation

Continued ...

15A. **NAME AND TITLE OF SIGNER (Type or print)**

Sylvia C. Maroney

15B. **CONTRACTOR/OFFEROR**

15C. **DATE SIGNED**

Signature on File

16A. **NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

16B. **UNITED STATES OF AMERICA**

16C. **DATE SIGNED**

Signature on File  
09/29/2016

STANDARD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070

Previous edition unusable

Prescribed by GSA  
FAR (48 CFR) 53.243

(Previous signature of person authorized to sign)  
(Signature of Contracting Officer)
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<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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<td>9) No. 202-FY17, Rev 0 for SR-0202 Infrastructure Recapitalization (GPP)</td>
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Budget Authority obligated under most current contract modification and related approved financial plan executed under contract clauses B-4, Obligation of Funds, and I.53, DEAR to read "10/1/16 thru 9/30/17," for work authorization(s) listed above. This extension allows for the continuation of work subject to funds availability. SRNS shall comply with the restrictions cited under Funds Authorized for contract work authorizations, see attachments 1-A through 1-H, attached hereto.

B. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO.  0649

3. EFFECTIVE DATE  See Block 16C

4. REQUISITION/PURCHASE REQ. NO.  

5. PROJECT NO. (If applicable)  

6. ISSUED BY  

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6)  CODE 00901

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.  

9B. DATED (SEE ITEM 11)  01/10/2008

10A. MODIFICATION OF CONTRACT/ORDER NO.  DE-AC09-08SR22470  

10B. DATED (SEE ITEM 11)  

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X Clause H-28 Performance -Based Incentives

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate Performance Evaluation Measurement Plan (PEMP) Revision 0, for the period October 1, 2016 through September 30, 2017, which is attached hereto.

All other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)  Samuel A. Stewart

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  

15B. CONTRACTOR/OFFEROR  

16B. UNITED STATES OF AMERICA  

15C. DATE SIGNED  09/30/2016  

16C. DATE SIGNED  

(Signature of person authorized to sign)  

(Signature of contracting officer)  

STANDARD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070

Previous edition unusable

Prescribed by GSA

FAR (48 CFR) 53.243

09/30/2016
### Payment:

OR for Savannah River  
U.S. Department of Energy  
Oak Ridge Financial Service Center  
P.O. Box 6017  
Oak Ridge TN 37831
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

See Schedule

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

Net Increase: $5,029,619.89

DEAR 970.5232-4 Obligation of Funds (2000)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 20 for FY 2016. Funds in the amount of $5,029,619.89 are hereby obligated to CLIN 0001, thereby increasing it from $7,488,508,680.19 to $7,493,538,300.08.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,886,333,210.36 to $8,891,362,830.25.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

Sylvia C. Maroney
STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
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- **Payment:**
- **FOB: Destination**
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

CODE: 0901
FACILITY CODE: See Block 16C

9. AMENDMENT OF SOLICITATION NO.

10. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10A. DATED (SEE ITEM 11)

9B. DATED (SEE ITEM 11)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted ; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAIlURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted , such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase: $77,176.29

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 20 for FY 2016, as cited below:

| 1) Department of Defense: $7,326.29 |
| 2) Department of Homeland Security: $69,850.00 |

The total amount obligated is $77,176.29 thereby increasing it from $7,493,538,300.08 to $7,493,615,476.37.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Continued ...

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

| Marie A. Garvin |

16B. UNITED STATES OF AMERICA

| Signature on File |

16C. DATE SIGNED

| 09/28/2016 |

(Stamp)
Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,891,362,830.25 to $8,891,440,006.54.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
DE-AC09-08SR22470

copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 29801

CODE 798861048 FAC LITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing terms 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNT NG AND APPROPRIATION DATA (If required)

Net Increase: $96,031.16
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT Contractor ☑ is not, ☐ is required to sign this document and return ☐ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 21 for FY 2016. Funds in the amount of $96,031.16 are hereby obligated to CLIN 0001, thereby increasing it from $7,493,615,476.37 to $7,493,711,507.53.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,891,440,006.54 to $8,891,536,037.70.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...
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**FOB: Destination**
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### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

#### CHECK ONE

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
  - The changes set forth in Item 14 are made in the contract order no. in Item 10A.

- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

- X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

#### E. IMPORTANT

- Contractor is not required to sign this document and return copies to the issuing office.

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate six (6) contract work authorizations reference SRNS Financial Plan #20. Accordingly the following applies:

1. HQ091801-16, Rev 2, EM Science of Safety Robotics Challenge at Portsmouth, Ohio-SRNL (See Attachment 1-A)
2. 410003-TS-16, Rev 8, Program Support (See Attachment 1-B)
3. 410003-TS-16, Rev 9, Program Support (See Attachment 1-C)
4. HI-410003-16, Rev 7, Fuel Cell Technologies Office (See Attachment 1-D)
5. AT/SR58/16-16, Rev 0, Fusion Energy Sciences (See Attachment 1-E)
6. IDINL0030B-16, Rev 0, National Transuranic Program Office (See Attachment 1-F)

### 15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

### 15B. CONTRACTOR/OFFEROR

<table>
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<tr>
<th>Signature of person authorized to sign</th>
<th>Signature of Contracting Officer</th>
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### 15C. DATE SIGNED

Signature on File

### 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Sylvia C. Maroney

### 16B. UNITED STATES OF AMERICA

Signature on File

### 16C. DATE SIGNED

10/24/2016

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition unusable
Funds were previously allocated by separate modification; reference SRNS Financial Plan #20 for FY 2016.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer. Payment:
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X D. OTHER (Specify type of modification and authority)

Section I, DEAR 970.5211-1 Work Authorization (May 2007)

A. The purpose of this modification is to incorporate one (1) contract work authorization reference SRNS Financial Plan #21. Accordingly the following applies:

1) RD-410003-16, Rev 5, Power Systems Engineering Research and Development (See Attachment 1-A)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #21 for FY 2016.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007),

Continued ...
paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

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6. ISSUED BY
- Savannah River Operations
- U.S. Department of Energy
- Savannah River Operations
- P.O. Box A
- Aiken SC 29802

7. ADMINISTERED BY (If other than item 6)
- CODE 00901

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
- SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
- Attn: LLOYD CLEVINGER II
- 203 LAURENS ST SW
- AIKEN SC 29801

CODE 798861048

FA LURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

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12. ACCOUNTING AND APPROPRIATION DATA (If required)

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Net Increase: $121,274,761.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 1 for FY 2017. Funds in the amount of $121,274,761.00 are hereby obligated to CLIN 0001, thereby increasing it from $7,493,711,507.53 to $7,614,986,268.53.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $8,891,536,037.70 to $9,012,810,798.70.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

10/26/2016

STANDARD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070

Previous edition unusable

Prescribed by GSA

FAR (48 CFR) 53.243
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</table>
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 29801

DEAR 970.5232-4 Obligation of Funds (2000)

The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 2 for FY 2017. Funds in the amount of $16,593,746.00 are hereby obligated to CLIN 0001, thereby increasing it from $7,614,986,268.53 to $7,631,580,014.53.

As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,012,810,798.70 to $9,029,404,544.70.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Angela S. Morton
STANDARD FORM 30 (REV. 10-83)

Previous edition unusable

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton

16B. UNITED STATES OF AMERICA
Signature on File

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243
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FOB: Destination
### Amendment of Solicitation/Modification of Contract

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8. **Name and Address of Contractor (No., street, county, State and ZIP Code)**

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: LLOYD CLEVINGER II  
203 LAURENS ST SW  
AIKEN SC 29801

9A. **Amendment of Solicitation No.**  
DE-AC09-08SR22470

9B. **Dated (See Item 11)**  
01/10/2008

**10. Modification of Contract/Order No.**

10A. MODIFICATION OF CONTRACT/ORDER NO.  
DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)  
01/10/2008

11. **This Item Only Applies to Amendments of Solicitations**

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.
- If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. **Accounting and Appropriation Data (If required)**

See Schedule

13. **This Item Only Applies to Modification of Contracts/Orders. It Modifies the Contract/Order No. As Described in Item 14.**

- A. This Change Order is Issued Pursuant To: (Specify authority) The Changes Set Forth In Item 14 Are Made In The Contract Order No. In Item 10A.
- B. The Above Numbered Contract/Order Is Modified to Reflect The Administrative Changes (such as changes in paying office, appropriation date, etc.) Set Forth In Item 14, Pursuant To The Authority Of FAR 43.103(b).
- C. This Supplemental Agreement is Entered Into Pursuant to Authority of:
- D. OTHER (Specify type of modification and authority)

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

- E. **Important**
  - Contractor is not required to sign this document and return copies to the issuing office.

14. **Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

A. The purpose of this modification is to incorporate seven (7) contract work authorizations reference SRNS Financial Plan #1. Accordingly the following applies:

1) SFWD-17 Rev 0 Spent Fuel and Waste Disposition (SFWD) Development (See Attachment 1-A)  
2) HI-41003-17 Rev 0 Fuel Cell Technologies Office Development (See Attachment 1-B)  
3) ET17040-17 Rev 0 Energy and Threat Development (See Attachment 1-C)  
4) ET17027-17 Rev 0 Energy and Threat Development (See Attachment 1-D)  
5) ET17014 Rev 0 Energy and Threat Development (See Attachment 1-E)  
6) KC/SR1/7-17 Rev 0 Basic Energy Sciences Development (See Attachment 1-F)  
7) 89X0319-17 Rev 0 Fuel Cycle Research and Development (See Attachment 1-G)

Continued ...

- T5A. Name and Title of Signer (Type or print)
  - Angela S. Morton  
  
- 16A. Name and Title of Contracting Officer (Type or print)
  - Angela S. Morton

- T5B. Contractor/Offeree (Signature of person authorized to sign)

- 15C. Date Signed
  
- 16B. United States of America
  - Signature on File

- 16C. Date Signed
  - 11/16/2016

---

NSN 7540-01-152-8070  
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243
Funds were previously allocated by separate modification; reference SRNS Financial Plan #1 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

9A. AMENDMENT OF SOLICITATION NO.
DE-AC09-08SR22470
10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470

The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 3 for FY 2017. Funds in the amount of $13,485,702.00 are hereby obligated to CLIN 0001, thereby increasing it from $7,631,580,014.53 to $7,645,065,716.53.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,029,404,544.70 to $9,042,890,246.70.

C. The contract estimated value and all other terms and conditions remain unchanged.
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### Amendment of Solicitation/Modification of Contract

- **Contract Code**: DE-AC09-08SR22470
- **Project Number**: See Block 16C
- **Modification No.**: 0659
- **Issued By**: Savannah River Operations
  - U.S. Department of Energy
  - Savannah River Operations
  - P.O. Box A
  - Aiken SC 29802
- **Amendment No.**: 00901

#### Amendments of Solicitation

- **Amendment No.**: 00901
- **Date**: 01/10/2008
- **Contractor**: SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
- **Address**: Attn: LLOYD CLEVINGER II
  - 203 LAURENS ST SW
  - Aiken SC 29801

#### Account and Appropriation Data

- **Accounting and Appropriation Data (If Required)**: Net Increase: $1,102,021.27
- **Date Signed**: 11/18/2016

#### Important

- **Signatures**: (Signature of person authorized to sign) (Signature of Contracting Officer)
- **Code**: 798861048
- **Facility Code**: 00901
- **Page of Pages**: 1

#### Description of Amendment/Modification

- **Purpose**: To obligate funds to CLIN 0001, Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 3 for FY 2017.
- **Funds**: $1,102,021.27
- **Total Amount**: $7,646,167,737.80
- **Obligation**: $9,043,992,267.97

#### Other

- **Type of Modification and Authority**: DEAR 970.5232-4 Obligation of Funds (2000)

#### Date Signed

- **Date Signed**: 11/18/2016
- **Signature on File**: Signature on File

---

**Note:**
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,043,992,267.97 includes obligation of $1,102,021.27 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $1,102,021.27 for a cumulative total of $1,102,021.27 to-date for FY 2017.

Payment:

FOB: Destination
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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7. ADMINISTERED BY (If other than Item 6) CODE

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9. AMENDMENT OF SOLICITATION NO.

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $647,951.45

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR-43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 3 for FY 2017, as cited below:

1) Department of Defense: $613,000.00
2) Executive Office of the President: $34,951.45

The total amount obligated is $647,951.45 thereby increasing it from $7,646,167,737.80 to $7,646,815,689.25.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the

Continued ...

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16B. UNITED STATES OF AMERICA Signature on File

11/18/2016

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16C. DATE SIGNED

STANDARD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070

Previous edition unusable

Prescribed by GSA

FAR (48 CFR) 53.243
total amount of funds obligated to the contract from $9,043,992,267.97 to $9,044,640,219.42.

C. The contract estimated value and all other terms and conditions remain unchanged.
Payment:
FOB: Destination
### Amendment of Solicitation/Modification of Contract

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<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</th>
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11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

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</tr>
<tr>
<td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
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<tr>
<td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
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<tr>
<td>D. OTHER (Specify type of modification and authority)</td>
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X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT

☐ Contractor ☐ is not, ☐ is required to sign this document and return __________________ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate one (1) contract work authorization reference SRNS Financial Plan #2. Accordingly the following applies:

1) BM0101010-17 Rev 0 FY 2017 Biomass Program (See Attachment 1-A)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #2 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA

Signature on File

15C. DATE SIGNED

16C. DATE SIGNED

11/22/2016

STANDARD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243
become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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**Savannah River Operations**
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

---

**10A. MODIFICATION OF CONTRACT/ORDER NO.**

DE-AC09-08SR22470

**10B. DATED (SEE ITEM 11)**

01/10/2008

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**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

- **A. THIS CHANGE ORDER IS ISSUED PURSUANT TO:** (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- **B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES** (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- **C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:**
  
  X Clause I.28-DEAR 952.215-70 Key Personnel (DEC 2000)

---

**E. IMPORTANT**

Contractor is or is not, required to sign this document and return __________ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to revise the contract Key Personnel list located in Part III-List of Documents, Exhibits, and Other Attachments, Section J - List of Attachments, Appendix D, Key Personnel.

B. Part III, Section J, Appendix D, Key Personnel is deleted in its entirety and replaced by Appendix D attached hereto.

C. The contract estimated value and all other terms and conditions remain unchanged.

---

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

Angela S. Morton

**16B. UNITED STATES OF AMERICA**

Signature on File

---

**STANDARD FORM 30 (REV. 10-83)**

Prescribed by GSA

FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition unusable
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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<th>6. ISSUED BY</th>
<th>7. ADMINISTERED BY (If other than Item 6)</th>
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<tbody>
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<td>Code</td>
<td>Code</td>
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<tr>
<td>Savannah River Operations</td>
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<table>
<thead>
<tr>
<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</th>
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</thead>
<tbody>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
</tr>
<tr>
<td>Attn: LLOYD CLEVINGER II</td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
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<tr>
<td>Aiken SC 29801</td>
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<th>9A. AMENDMENT OF SOLICITATION NO.</th>
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<td>9B. DATED (SEE ITEM 11)</td>
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<th>10A. MODIFICATION OF CONTRACT/ORDER NO.</th>
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<th>10B. DATED (SEE ITEM 13)</th>
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<table>
<thead>
<tr>
<th>CODE</th>
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<tbody>
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<td>798861048</td>
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</table>

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. The place designated for the receipt of Offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and amendment numbers.

### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

- See Schedule

### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

- D. OTHER (Specify type of modification and authority)

- X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate six (6) contract work authorizations reference SRNS Financial Plan #3. Accordingly the following applies:

1. HI-410003-17 Rev 1 Fuel Cell Technologies Office (See Attachment 1-A)
2. HQTD1000-17 Rev 0 Technical Planning, Integration and Risk Management (See Attachment 1-B)
3. HQTD1005-17 Rev 0 Increased Wasted Loading: Long-Term Corrosion Studies (See Attachment 1-C)
4. SR091701-17 Rev 0 In Situ Decommissioning Technology Development and Demonstration (See Attachment 1-D)
5. HQ091801-17 Rev 0 Science of Safety: Robotics and SME Technical Support (See Attachment Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

### 15A. NAME AND TITLE OF CONTRACTOR (Type or print)

- Angela S. Morton

### 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

- Angela S. Morton

### 15B. CONTRACTOR/OFFEROR

- Signature on File

### 16B. UNITED STATES OF AMERICA

- Signature on File

### 16C. DATE SIGNED

- 12/06/2016

---

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA
FAR (48 CFR) 53.243
6) HQ091801-17 Rev 1 EM Science and Safety Robotics and Sensor Test Beds, Field Demonstrations (See Attachment 1-F)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #3 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE
2. AMENDMENT/MODIFICATION NO.
3. EFFECTIVE DATE
4. REQUISITION/PURCHASE REQ. NO.
5. PROJECT NO. (If applicable)
6. ISSUED BY
7. ADMINISTERED BY (If other than Item 6)

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.
9B. DATED (SEE ITEM 11)
10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470
10B. DATED (SEE ITEM 13)

9. DUE TO (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

10. RECOMMENDATION OF CONTRACTING OFFICER

Sylvia C. Maroney

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing terms 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted ; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FA ULCER OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted , such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $222,117,222.31

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 4 for FY 2017. Funds in the amount of $222,117,222.31 are hereby obligated to CLIN 0001, thereby increasing it from $7,646,815,689.25 to $7,868,932,911.56.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,044,640,219.42 to $9,266,757,441.73.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

12/20/2016

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

Previous edition unusable

Prescribed by GSA
FAR (48 CFR) 53.243
<table>
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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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<td>Payment:</td>
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<td></td>
<td>FOB: Destination</td>
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</tbody>
</table>
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing terms 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,266,757,441.73 to $9,267,822,228.39.

C. The contract estimated value and all other terms and conditions remain unchanged.
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,267,822,228.39 includes obligation of $1,064,786.66 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $1,064,786.66 for a cumulative total of $2,166,807.93 to-date for FY 2017.

Payment:

FOB: Destination
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. The hour and date specified for receipt of offers is not extended.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $1,869,278.63

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

☐ Contractor is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 4 for FY 2017, as cited below:

1) Department of International Development $54,089.31
2) Department of Energy $100,000.00
3) Department of the Army $171,500.00
4) Executive Office of the President: $43,689.32
5) Other $1,500,000.00

The total amount obligated is $1,869,278.63 thereby increasing it from $7,869,997,698.22 to $7,871,866,976.85.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

12/20/2016

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition unusable
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,267,822,228.39 to $9,269,691,507.02.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>5. PROJECT NO. (If applicable)</th>
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<th>7. ADMINISTERED BY (If other than Item 6)</th>
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<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</th>
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<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
</tr>
<tr>
<td>Attn: LLOYD CLEVINGER II</td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
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<td>Aiken SC 29801</td>
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<td>9B. DATED (SEE ITEM 11)</td>
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<td>10A. MODIFICATION OF CONTRACT/ORDER NO.</td>
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<tr>
<td>DE-AC09-08SR22470</td>
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<tr>
<td>10B. DATED (SEE ITEM 13)</td>
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<table>
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<th>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</th>
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</thead>
<tbody>
<tr>
<td>☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.</td>
</tr>
<tr>
<td>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</td>
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<tr>
<th>12. ACCOUNTING AND APPROPRIATION DATA (If required)</th>
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<tbody>
<tr>
<td>See Schedule</td>
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<th>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</th>
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<td>☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td>
</tr>
<tr>
<td>☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
</tr>
<tr>
<td>☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
</tr>
<tr>
<td>☐ D. OTHER (Specify type of modification and authority)</td>
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<th>15. CONTRACT/ORDER/RECEIPT NO.</th>
<th>16. DATE SIGNED</th>
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<tr>
<td>15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</td>
<td></td>
</tr>
<tr>
<td>Angela S. Morton</td>
<td></td>
</tr>
<tr>
<td>(Signature of person authorized to sign) (Signature of Contracting Officer)</td>
<td></td>
</tr>
<tr>
<td>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</td>
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</tr>
<tr>
<td>Signature on File</td>
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<tr>
<td>01/11/2017</td>
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**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

<table>
<thead>
<tr>
<th>A. The purpose of this modification is to incorporate one (1) contract work authorization reference SRNS Financial Plan #4. Accordingly the following applies:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) HI-410003-17 Rev 2 Fuel Cell Technologies Office (See Attachment 1-A)</td>
</tr>
<tr>
<td>Funds were previously allocated by separate modification; reference SRNS Financial Plan #4 for FY 2017.</td>
</tr>
<tr>
<td>B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall Continued ...</td>
</tr>
<tr>
<td>Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.</td>
</tr>
</tbody>
</table>

| 15A. NAME AND TITLE OF SIGNER (Type or print) |
| Angela S. Morton |
| (Signature of person authorized to sign) |

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

<table>
<thead>
<tr>
<th>16B. UNITED STATES OF AMERICA</th>
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<tr>
<td>01/11/2017</td>
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**STANDARD FORM 30 (REV. 10-83)**

**Previous edition unusable**

**NSN 7540-01-152-8070**

**Prescribed by GSA**

**FAR (48 CFR) 53.243**
become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO. 0668

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 17EM000722

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 00901

7. ADMINISTERED BY (If other than Item 6) CODE

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

CODE 798861048
FACILITY CODE

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $113,750,943.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ X DEAR 970.5232-4 Obligation of Funds (2000)

☐ D. OTHER (Specify type of modification and authority)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 6 for FY 2017. Funds in the amount of $113,750,943.00 are hereby obligated to CLIN 0001, thereby increasing it from $7,871,866,976.85 to $7,985,617,919.85.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,269,691,507.02 to $9,383,442,450.02.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

01/12/2017

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE: 0669
2. AMENDMENT/MODIFICATION NO.: 0669
3. EFFECTIVE DATE: See Block 16C
4. REQUISITION/PURCHASE REQ. NO.: 17EM000722
5. PROJECT NO. (If applicable):
6. ISSUED BY CODE: 00901
7. ADMINISTERED BY (If other than Item 6) CODE:

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 29801

9A. AMENDMENT OF SOLICITATION NO.: 01/10/2008
9B. DATED (SEE ITEM 11)
10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470
10B. DATED (SEE ITEM 13)

CODE 798861048 FAC LITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing terms 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

Net Increase: $164,318.66

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT
Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 6 for FY 2017. Funds in the amount of $164,318.66 are hereby obligated to CLIN 0001, thereby increasing it from $7,985,617,919.85 to $7,985,782,238.51.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,383,442,450.02 to $9,383,606,768.68.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Sylvia C. Maroney

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA
Signature on File

15C. DATE SIGNED
16C. DATE SIGNED
01/12/2017

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,383,606,768.68 includes obligation of $164,318.66 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $164,318.66 for a cumulative total of $2,331,126.59 to-date for FY 2017.

Payment:

FOB: Destination
The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 6 for FY 2017, as cited below:

1) Department of Defense $-80,821.90
2) Department of Justice $-8,971.77
3) Executive Office of the President $-21,878.42
4) Other $-9,649.01

The total amount deobligated is $-121,321.10 thereby decreasing it from $7,985,782,238.51 to $7,985,660,917.41.

Continued ...
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $9,383,606,768.68 to $9,383,485,447.58.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
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<th>5. PROJECT NO. (If applicable)</th>
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8. **ISSUED BY**

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. **NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)**

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 29801

9A. **AMENDMENT OF SOLICITATION NO.**

9B. **DATED** (SEE ITEM 11)

10A. **MODIFICATION OF CONTRACT/ORDER NO.**

DE-AC09-08SR22470

10B. **DATED** (SEE ITEM 13)

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11. **THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. **ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

13. **THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

A. **CHECK ONE**

- ☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

- ☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

- ☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

- ☐ D. OTHER (Specify type of modification and authority)

<table>
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<tr>
<th>Section I, DEAR 970.5221-1 Work Authorization (May 2007)</th>
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14. **DESCRIPTION OF AMENDMENT/MODIFICATION** (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate fourteen (14) contract work authorizations reference SRNS Financial Plan #6. Accordingly the following applies:

1) 410003-TS-17, Rev 0 Program Support - MSIPP (See Attachment 1-A)
2) 89X0319-17, Rev 1 Fuel Cycle Research and Development (See Attachment 1-B)
3) ET17014-17, Rev 1 Energy & Threat (See Attachment 1-C)
4) ET17027-17, Rev 1 Energy & Threat (See Attachment 1-D)
5) ET17040-17, Rev 1 Energy & Threat (See Attachment 1-E)
6) HQ1001-17, Rev 0 Energy Employee Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-F)
7) HQDT1002-17, Rev 0 Tank Waste Technetium Management (See Attachment 1-G)

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. **NAME AND TITLE OF SIGNER (Type or print)**

Angela S. Morton

15B. **CONTRACTOR/OFFEROR**

15C. **DATE SIGNED**

01/26/2017

16A. **NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

16B. **UNITED STATES OF AMERICA**

Signature on File

16C. **DATE SIGNED**

01/26/2017

(Signature of person authorized to sign)

(Signature of Contracting Officer)
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<th>ITEM NO</th>
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<td>10)</td>
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<td>12)</td>
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<td>14)</td>
<td>HQ091801-17, Rev 3 EM Science and Safety Robotics and Sensor Test Beds, Field Demonstrations (See Attachment 1-N)</td>
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Funds were previously allocated by separate modification; reference SRNS Financial Plan #6 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 29801

DE-AC09-08SR22470

copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 7 for FY 2017. Funds in the amount of $627,621.69 are hereby obligated to CLIN 0001, thereby increasing it from $7,985,660,917.41 to $7,986,288,539.10.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,383,485,447.58 to $9,384,113,069.27.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACT Ng OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED
01/23/2017

STANDARD FORM 30 (REV. 10-83)
Prepared by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
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The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 7 for FY 2017. Funds in the amount of $285,005.69 are hereby obligated to CLIN 0001, thereby increasing it from $7,986,288,539.10 to $7,986,573,544.79. 

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,384,113,069.27 to $9,384,398,074.96. 

C. The contract estimated value and all other terms and conditions remain unchanged.
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,384,398,074.96 includes obligation of $285,005.69 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $285,005.69 for a cumulative total of $2,616,132.28 to-date for FY 2017.

Payment:

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0674
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO. 17EM000806
5. PROJECT NO. (If applicable)

6. ISSUED BY

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐is extended ☐is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted ; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted , such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $35,831.22

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ X D. OTHER (Specify type of modification and authority)

DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 7 for FY 2017, as cited below:

1) Department of Defense $14,472.00
2) Executive Office of the President $21,359.22

The total amount obligated is $35,831.22 thereby increasing it from $7,986,573,544.79 to $7,986,609,376.01.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

01/23/2017

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

01/23/2017

STANDARD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070

Previous edition unusable

Prescribed by GSA

FAR (48 CFR) 53.243
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The total amount of funds obligated to the contract from $9,384,398,074.96 to $9,384,433,906.18.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

CODE 798861048 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

☐ Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate one (1) contract work authorization reference SRNS Financial Plan #4. Accordingly the following applies:

1) BM-410003-17, Rev 1 FY 2017 Biomass Program (See Attachment 1-A)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #4 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall Continuing ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton

16B. UNITED STATES OF AMERICA
Signature on File

16C. DATE SIGNED
01/31/2017

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO. 0676

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 00901

5. PROJECT NO. (If applicable) CODE

6. ISSUED BY

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND AppropriATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate two (2) contract work authorizations reference SRNS Financial Plan #7. Accordingly the following applies:

1) SFWD-17, Rev 1 Spent Fuel and Waste Disposition (SFWD)(See Attachment 1-A)
2) HI-410003-17, Rev 3 Fuel Cell Technologies Office (See Attachment 1-B)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #7 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

STANDARD FORM 30 (REV. 10-83)

PREVIOUS EDITION UNSALABLE

STANDARD FORM 30 (REV. 10-83)

PREVIOUS EDITION UNSALABLE
(May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO.  0677
3. EFFECTIVE DATE  See Block 16C
4. REQUISITION/PURCHASE REQ. NO.  17EM000981
5. PROJECT NO. (If applicable)  
6. ISSUED BY  Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802
7. ADMINISTERED BY (If other than Item 6)  
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
   SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
   Attn: LLOYD CLEVINGER II
   203 LAURENS ST SW
   AIKEN SC 29801
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO.  DE-AC09-08SR22470
10B. DATED (SEE ITEM 13)  

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
   Net Increase:  $2,367,820.10
   See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
   X OTHER (Specify type of modification and authority)  
   DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT
   ☐ Contractor is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 8 for FY 2017. Funds in the amount of $2,367,820.10 are hereby obligated to CLIN 0001, thereby increasing it from $7,986,609,376.01 to $7,988,977,196.11.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,384,433,906.18 to $9,386,801,726.28.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)  
   Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
   Signature on File

15B. CONTRACTOR/OFFEROR  

15C. DATE SIGNED  

16B. UNITED STATES OF AMERICA  

16C. DATE SIGNED 02/22/2017

STANDARD FORM 30 (REV. 10-83)  

NSN 7540-01-152-8070

Previous edition unusable
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<th>SUPPLIES/SERVICES (B)</th>
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<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
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</table>
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0678

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 17EM000981

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 00901

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (If other than item 6) CODE

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

9A. AMENDMENT OF SOLICITATION NO. (x)

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11A. MODIFICATION OF CONTRACT/ORDER NO. (x)

11B. DATED (SEE ITEM 11)

11C. DATE SIGNED 01/10/2008

11D. DATED (SEE ITEM 13)

9. NAME OF MODIFIED CONTRACT/ORDER NO. DE-AC09-08SR22470

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $584,638.65

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THE ABOVE NUMERED SOLICITATION/MODIFICATION IS MODIFIED TO REFLECT THE AMENDMENT SET FORTH IN ITEM 14.

B. THE ABOVE NUMERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE AMENDMENT SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X DEAR 970.5232-4 Obligation of Funds (2000)

D. OTHER (Specify type of modification and authority)

E. IMPORTANT Contractor is not, is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 8 for FY 2017. Funds in the amount of $584,638.65 are hereby obligated to CLIN 0001, thereby increasing it from $7,988,977,196.11 to $7,989,561,834.76.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,386,801,726.28 to $9,387,386,364.93.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

02/22/2017

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA

NSN 7540-01-152-8070

FAR (48 CFR) 53.243

Previous edition unusable
**NOTE:** FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,387,386,364.93 includes obligation of $584,638.65 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $584,638.65 for a cumulative total of $3,200,770.93 to-date for FY 2017.

**Payment:**

**FOB:** Destination
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 8 for FY 2017, as cited below:

1) Department of Defense $61,000.00
2) Department of Energy $144,000.00
3) Department of Homeland Security -$2,378,401.64
4) Department of Justice $137,799.00
5) Executive Office of the President $7,281.55

The total amount deobligated is -$2,028,321.09 thereby decreasing it from $7,989,561,834.76.
to $7,987,533,513.67.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $9,387,386,364.93 to $9,385,358,043.84.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO. 0680

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 

5. PROJECT NO. (If applicable) 

6. ISSUED BY CODE 00901

7. ADMINISTERED BY (If other than Item 6) CODE 

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

2. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 29801

9A. AMENDMENT OF SOLICITATION NO. 

9B. DATED (SEE ITEM 11) 

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

10B. DATED (SEE ITEM 13) 

CODE 798861048 FAC LITY CODE 

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing terms 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) 

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority) X

Section I, DEAR 970.5221-1 Work Authorization (May 2007)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return ______ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate five (5) contract work authorizations

reference SRNS Financial Plan #8. Accordingly the following applies:

1) ET17027-17, Rev 2 Energy and Threat (See Attachment 1-A)
2) ET17027-17, Rev 3 Energy and Threat (See Attachment 1-B)
3) VT-410003-17, Rev 0 Vehicle Technologies Program (See Attachment 1-C)
4) 410003-TS-17, Rev 1 Program Support (See Attachment 1-D)
5) 89X0319-17, Rev 2 Fuel Cycle Research and Development (See Attachment 1-E)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #8 for FY 2017.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR 16B. UNITED STATES OF AMERICA

Signature on File

15C. DATE SIGNED 16C. DATE SIGNED

03/15/2017

(System of person authorized to sign) (Signature of Contracting Officer)
B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer. Payment:
A. THE PURPOSE OF THIS MODIFICATION IS TO OBLIGATE FUNDS TO CLIN 0001, (DEPARTMENT OF ENERGY (DOE)) IN ACCORDANCE WITH SRNS FINPLAN NO. 9 FOR FY 2017. FUNDS IN THE AMOUNT OF $2,595,199.23 ARE HEREBY OBLIGATED TO CLIN 0001, THEREBY INCREASING IT FROM $7,987,533,513.67 TO $7,990,128,712.90.

B. AS A RESULT OF THIS MODIFICATION, PART I - SCHEDULE, SECTION B, SUPPLIES OR SERVICES AND PRICE/COST, PARAGRAPH B, ENTITLED "OBLIGATION OF FUNDS," IS HEREBY REVISED TO INCREASE THE TOTAL AMOUNT OF FUNDS OBLIGATED TO THE CONTRACT FROM $9,385,358,043.84 TO $9,387,953,243.07.

C. THE CONTRACT ESTIMATED VALUE AND ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE DOCUMENT REFERENCED IN ITEM 9 A OR 10 A, AS HERETOFORE CHANGED, REMAINS UNCHANGED AND IN FULL FORCE AND EFFECT.

Angela S. Morton

Signature on File

Signature of person authorized to sign

Signature of Contracting Officer

STANDARD FORM 30 (REV. 10-83)
PREScribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
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The purpose of this modification is to obligate funds from CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 9 for FY 2017, as cited below:

1) Department of Defense $162,758.85
2) Department of Homeland Security $1,657,906.38
3) Department of Justice -$34,766.87
4) Department of the Army $75,000.00
5) Executive Office of the President $51,456.32
6) Other -$22,804.81

The total amount obligated is $1,889,549.87 thereby increasing it from $7,991,539,282.62 to continued ...
$7,993,428,832.49.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,389,363,812.79 to $9,391,253,362.66.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
## Amendment of Solicitation/Modification of Contract

1. **Contract D Code**
2. **Amendment/Modification No.**
   - 0684
3. **Effective Date**
   - See Block 16C
4. **Requisition/Purchase Req. No.**
5. **Project No.** *(If applicable)*
6. **Issued By**
   - Savannah River Operations
   - U.S. Department of Energy
   - Savannah River Operations
   - P.O. Box A
   - Aiken SC 29802
7. **Administered By** *(If other than Item 6)*
8. **Name and Address of Contractor** *(No., street, county, State and ZIP Code)*
   - SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
   - Attn: LLOYD CLEVINGER II
   - 203 LAURENS ST SW
   - AIKEN SC 29801
9. **Amendment of Solicitation No.**
10. **Modification of Contract/Order No.**
   - DE-AC09-08SR22470
11. **Dated** *(See Item 11)*
12. **Accounting and Appropriation Data** *(If required)*
13. **This Item Only Applies to Modification of Contracts/Orders. It Modifies the Contract/Order No. As Described in Item 14.**

### Check One
- A. This change order is issued pursuant to: *(Specify authority)*
  - The changes set forth in Item 14 are made in the contract order no. in Item 10A.
- B. The above numbered contract/order is modified to reflect the administrative changes *(such as changes in paying office, appropriation date, etc.)*
  - Set forth in Item 14, pursuant to the authority of FAR 43.103(b).
- C. This supplemental agreement is entered into pursuant to authority of:
- D. Other *(Specify type of modification and authority)*
  - Clause H-28, Performance-Based Incentives

### Important
- Contractor is not, is required to sign this document and return copies to the issuing office.

### Description of Amendment/Modification *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to incorporate the Savannah River Nuclear Solutions (SRNS) Performance Evaluation Measurement Plan (PEMP) Revision 1, for the period October 1, 2016 through September 30, 2017. Previous edition of the FY 2017 PEMP is hereby superseded and replaced with Revision 1, effective March 31, 2017. Copy attached hereto.

All other terms and conditions remain unchanged.

Payment:

### Important (Cont.)
- Contractor is not, is required to sign this document and return copies to the issuing office.

### Description of Amendment/Modification (Cont.)

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15. **Name and Title of Signer** *(Type or print)*
   - Justin A. Speering
16. **Name and Title of Contracting Officer** *(Type or print)*
   - Signature on File

### Signature
- (Signature of person authorized to sign)
- (Signature of Contracting Officer)

---

**STANDARD FORM 30 (REV. 10-83)**
Previous edition usable

NSN 7540-01-152-8070
Prescribed by GSA
FAR (48 CFR) 53.243
A. THE PURPOSE OF THIS MODIFICATION IS TO INCORPORATE FOUR (4) CONTRACT WORK AUTHORIZATIONS REFERENCE SRNS FINANCIAL PLAN #9. ACCORDINGLY THE FOLLOWING APPLIES:

1) HQDT1002-17, Rev 1 Tank Waste Mercury Treatment for Savannah River (Tank Waste Technetium Management) (See Attachment 1-A)
2) IF-410003-17, Rev 0 Advanced Manufacturing Office (See Attachment 1-B)
3) OR041101-17, Rev 0 U.S. National Laboratory Fukushima Support Network (NLFSN) - DOE EM Support (See Attachment 1-C)
4) SR091701-17, Rev 2 In Situ Decommissioning Technology Development and Demonstration (See Attachment 1-D)

Continued ...

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton
15A. NAME AND TITLE OF SIGNER (Type or print)
Signature on File
16C. DATE SIGNED
04/13/2017
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<th>UNIT (D)</th>
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Funds were previously allocated by separate modification; reference SRNS Financial Plan #9 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT (Specify authority) Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate one (1) contract work authorization reference Fiscal Year 2016 SRNS Financial Plan #20. Accordingly the following applies:

1) SL-410003-16, Rev 7 Solar Energy (See Attachment 1-A)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #20 for FY 2016.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

04/18/2017

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Signature on File

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

04/18/2017

(Signature of person authorized to sign) (Signature of Contracting Officer)
become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO.
0687

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
17EM001380

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE
Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing terms 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $13,218,269.00

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X DEAR 970.5232-4 Obligation of Funds (2000)

D. OTHER (Specify type of modification and authority)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 10 for FY 2017. Funds in the amount of $13,218,269.00 are hereby obligated to CLIN 0001, thereby increasing it from $7,993,428,832.49 to $8,006,647,101.49.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,391,253,362.49 to $9,404,471,631.66.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

Signature on File

04/19/2017

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
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<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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<td>Payment:</td>
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</table>
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
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<tr>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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<td>17EM001380</td>
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<th>7. ADMINISTERED BY (If other than Item 6) CODE</th>
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<tbody>
<tr>
<td>Savannah River Operations</td>
<td>00901</td>
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<table>
<thead>
<tr>
<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
</tr>
<tr>
<td>Attn: LLOYD CLEVINGER II</td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
</tr>
<tr>
<td>Aiken SC 29801</td>
</tr>
</tbody>
</table>

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.
- If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

- See Schedule
- Net Increase: $141,559.00

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

- **A.** THE PURPOSE OF THIS MODIFICATION IS TO OBLIGATE FUNDS TO CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 10 for FY 2017. Funds in the amount of $141,559.00 are hereby obligated to CLIN 0001, thereby increasing it from $8,006,647,101.49 to $8,006,788,660.49.
- **B.** As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,404,471,631.66 to $9,404,613,190.66.
- **C.** The contract estimated value and all other terms and conditions remain unchanged.

**Continued...**

**15A. NAME AND TITLE OF SIGNER (Type or print)**

- Angela S. Morton

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

- Signature on File

**15B. CONTRACTOR/OFFEROR**

- (Signature of person authorized to sign)
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<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/ SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
</tr>
</thead>
</table>

**NOTE:** FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,404,613,190.66 includes obligation of $141,559.00 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $141,559.00 for a cumulative total of $4,752,899.65 to-date for FY 2017.

Payment:

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>6. ISSUED BY CODE</th>
<th>7. ADMINISTERED BY (If other than Item 6) CODE</th>
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<tbody>
<tr>
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<td></td>
</tr>
<tr>
<td>U.S. Department of Energy</td>
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</tr>
<tr>
<td>Savannah River Operations</td>
<td></td>
</tr>
<tr>
<td>P.O. Box A</td>
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<tr>
<td>Aiken SC 29802</td>
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<table>
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<tr>
<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</th>
<th>9A. AMENDMENT OF SOLICITATION NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
<td></td>
</tr>
<tr>
<td>Attn: LLOYD CLEVINGER II</td>
<td></td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
<td></td>
</tr>
<tr>
<td>Aiken SC 29801</td>
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<td>01/10/2008</td>
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<table>
<thead>
<tr>
<th>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</th>
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</thead>
<tbody>
<tr>
<td>☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.</td>
</tr>
<tr>
<td>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</td>
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<th>12. ACCOUNTING AND APPROPRIATION DATA (If required)</th>
<th>Net Increase:</th>
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<tbody>
<tr>
<td>See Schedule</td>
<td>$7,458,630.26</td>
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<th>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td>
</tr>
<tr>
<td>☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
</tr>
<tr>
<td>☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
</tr>
<tr>
<td>☐ X DEAR 970.5232-4 Obligation of Funds (2000)</td>
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<th>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</th>
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<tr>
<td>☐ A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 10 for FY 2017, as cited below:</td>
</tr>
<tr>
<td>☐ 1) Department of Defense $1,278,339.00</td>
</tr>
<tr>
<td>☐ 2) Department of Homeland Security $290,000.00</td>
</tr>
<tr>
<td>☐ 3) National Aeronautics and Space Administration $40,291.26</td>
</tr>
<tr>
<td>☐ 4) Other $5,850,000.00</td>
</tr>
<tr>
<td>The total amount obligated is $7,458,630.26 thereby increasing it from $8,006,788,660.49 to $8,014,247,290.75.</td>
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<tr>
<td>Continued ...</td>
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<table>
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<tr>
<th>15A. NAME AND TITLE OF SIGNER (Type or print)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sylvia C. Maroney</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>15B. CONTRACTOR/OFFEROR</th>
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<tr>
<td>(Signature of person authorized to sign)</td>
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<tr>
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<td>04/19/2017</td>
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<tr>
<th>16B. UNITED STATES OF AMERICA</th>
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<td>Signature on File</td>
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<th>16C. DATE SIGNED</th>
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<td>04/19/2017</td>
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NSN 7540-01-152-8070

Previous edition unusable
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,404,613,190.66 to $9,412,071,820.92.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<td>Savannah River Operations</td>
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<tr>
<td>P.O. Box A</td>
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<td>Aiken SC 29802</td>
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### 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

Attn: LLOYD CLEVENGER II

203 LAURENS ST SW

Aiken SC 29801

### 9. AMENDMENT OF SOLICITATION NO.

<table>
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### 10. MODIFICATION OF CONTRACT/ORDER NO.

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### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.
- If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**A. The purpose of this modification is to incorporate three (3) contract work authorizations reference Fiscal Year 2017 SRNS Financial Plan #10. Accordingly the following applies:**

1. RL041301-17, Rev 0 Advanced Radiochemical and Chemical Separations (See Attachment 1-A)

2. HQ1001-17, Rev 1 Energy Employee Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-B)

3. 410003-TS-17, Rev 2 Program Support (See Attachment 1-C)

### 15. IMPORTANT

Contractor [ ] is not, [ ] is required to sign this document and return copies to the issuing office.

16. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

<table>
<thead>
<tr>
<th>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</th>
<th>16B. UNITED STATES OF AMERICA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sylvia C. Maroney</td>
<td>Signature on File</td>
</tr>
</tbody>
</table>

**NSN 7540-01-152-8070**

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prepared by GSA

FAR (48 CFR) 53.243
Funds were previously allocated by separate modification; reference SRNS Financial Plan #10 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0691
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO. 17EM001463
5. PROJECT NO. (If applicable)
6. ISSUED BY
   CODE 00901
   SAVANNAH RIVER OPERATIONS
   U.S. Department of Energy
   P.O. Box A
   Aiken SC 29802
7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
   SAVANNAH RIVERNUCLEAR SOLUTIONS LLC
   Attn: LLOYD CLEVINGER II
   203 LAURENS ST SW
   AIKEN SC 29801

9. AMENDMENT OF SOLICITATION NO.
   9A. AMENDMENT OF SOLICITATION NO.
   9B. DATED (SEE ITEM 11)
   9C. MODIFICATION OF CONTRACT/ORDER NO.
   9D. DATED (SEE ITEM 13)

10. MODIFICATION OF CONTRACT/ORDER NO.
    DE-AC09-08SR22470

CODE 798861048 FACILITY CODE 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

   Net Increase: $1,921,674.19

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 11 for FY 2017. Funds in the amount of $1,921,674.19 are hereby obligated to CLIN 0001, thereby increasing it from $8,014,297,290.75 to $8,016,168,964.94.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,412,071,820.92 to $9,413,993,495.11.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Excerpt as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

04/27/2017

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

NSN 7540-01-152-8070
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**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>5. PROJECT NO. (If applicable)</th>
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Savannah River Operations  
U.S. Department of Energy  
Savannah River Operations  
P.O. Box A  
Aiken SC 29802  

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: LLOYD CLEVINGER II  
203 LAURENS ST SW  
Aiken SC 29801  

9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO.  
DE-AC09-08SR22470  
10B. DATED (SEE ITEM 13)  
01/10/2008  

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  
☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.  

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Schedule  

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  

CHECK ONE  
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
D. OTHER (Specify type of modification and authority) X DEAR 970.5243-1 Changes (Dec 2000)  

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
A. The purpose of this modification is to incorporate a revised Section J, Appendix P, Contracting Officer Representatives (COR) List.  
B. Part III List of Documents, Exhibits, and Other Attachments, Section J - List of Attachments, Appendix P - Contracting Officer Representatives is hereby deleted in its entirety and replaced by the attached Contracting Officer Representatives list.  
C. The contract estimated value and all other terms and conditions remain unchanged.  

Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)  
Angela S. Morton  
(Signature of person authorized to sign)  

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
(Signature of Contracting Officer)  
05/03/2017  

15B. CONTRACTOR/OFFEROR  
(Signature on File)  

15C. DATE SIGNED  
16B. UNITED STATES OF AMERICA  
16C. DATE SIGNED  

NSN 7540-01-152-8070  
Previous edition unusable  
STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243
A. THE PURPOSE OF THIS MODIFICATION IS TO INCORPORATE TWO (2) CONTRACT WORK AUTHORIZATIONS
REFERENCE FISCAL YEAR 2017 SRNS FINANCIAL PLAN #11. ACCORDINGLY THE FOLLOWING APPLIES:

1) HI-410003-17, REV 4 FUEL CELL TECHNOLOGIES OFFICE (SEE ATTACHMENT 1-A)

2) 410003-TS-17, REV 3 PROGRAM SUPPORT (SEE ATTACHMENT 1-B)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #11 for FY 2017.

B. THIS MODIFICATION FORMALLY INCORPORATES THE ABOVE REFERENCED CONTRACT WORK

Continued ...
authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO. 0694

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

   SAVANNAH RIVER OPERATIONS
   U.S. Department of Energy
   SAVANNAH RIVER OPERATIONS
   P.O. Box A
   AIKEN SC 29802

7. ADMINISTERED BY (If other than Item 6)

   CODE 0901

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

   SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
   Attn: LLOYD CLEVINGER II
   203 LAURENS ST SW
   AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

   X

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

   DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

   01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted ; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER . If by virtue of this amendment you desire to change an offer already submitted , such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/OORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. 

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☒ D. OTHER (Specify type of modification and authority)

Clause 1.38 DEAR 970.5204-2 Laws, Regulations and DOE Directives (DEC 2000) (Deviation) (Amendment 003)

E. IMPORTANT

☒ Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to revise and update the list of DOE Directives and Orders applicable to this contract under Section J.

B. Section J - Appendix E - List B/Applicable DOE Directives and Orders (Amendment 003) is deleted in its entirety and is replaced by Section J - Appendix E attached hereto.

C. All other terms and conditions of the contract remain unchanged.

Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

05/23/2017

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

(STANDARD FORM 30 (REV. 10-83)

PREVIOUS EDITION UNUSABLE

NSN 7540-01-152-8070

Prescribed by GSA

FAR (48 CFR) 53.243)
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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6. ISSUED BY

- Savannah River Operations
- U.S. Department of Energy
- Savannah River Operations
- P.O. Box A
- Aiken SC 29802

7. ADMINISTERED BY (If other than item 6)

- Code

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

- SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
- Attn: LLOYD CLEVINGER II
- 203 LAURENS ST SW
- Aiken SC 29801

9. AMENDMENT OF SOLICITATION NO.

- 01/10/2008

- DATED (SEE ITEM 11)

- MODIFICATION OF CONTRACT/ORDER NO.

- DE-AC09-08SR22470

10. DATED (SEE ITEM 13)

- 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is not extended.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

- See Schedule

- Net Increase: $53,228,551.43

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- CHECK ONE
  - A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
  - THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
  - B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
  - C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
  - X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

- A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 12 for FY 2017. Funds in the amount of $53,228,551.43 are hereby obligated to CLIN 0001, thereby increasing it from $8,016,168,964.94 to $8,069,397,516.37.

- B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,413,993,495.11 to $9,467,222,046.54.

- C. The contract estimated value and all other terms and conditions remain unchanged.

15A. NAME AND TITLE OF SIGNER (Type or print)

- Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

- Signature on File

15B. CONTRACTOR/OFFEROR

- Signature on File

16B. UNITED STATES OF AMERICA

- Signature on File

16C. DATE SIGNED

- 05/30/2017

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

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The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing terms 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase: $671,984.16

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. It modifies the CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 12 for FY 2017. Funds in the amount of $671,984.16 are hereby obligated to CLIN 0001, thereby increasing it from $8,069,397,516.37 to $8,070,069,500.53.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,467,222,046.54 to $9,467,894,030.70.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

05/30/2017
**NOTE:** FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,467,894,030.70 includes obligation of $671,984.16 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $671,984.16 for a cumulative total of $5,424,883.81 to-date for FY 2017.

**Payment:**

**FOB:** Destination
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Atttn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 29801

11A. AMENDMENT OF SOLICITATION NO. 
X

11B. DATED (SEE ITEM 11) 
01/10/2008

11C. DATE SIGNED

10A. MODIFICATION OF CONTRACT/ORDER NO. 
DE-AC09-08SR22470

10B. DATED (SEE ITEM 13) 
01/10/2008

12. ACCOUNTING AND APPROPRIATION DATA (If required) 
Net Increase: $2,981,677.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority) 
X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

Contractor is not, is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 12 for FY 2017, as cited below:

1) Agency for International Development $110,679.61
2) Department of Defense -$21,500.00
3) Department of Homeland Security $398,257.68
4) Department of Justice $1,625,000.00
5) Department of the Army -$6,489.53
6) Department of the Navy $694,170.87
7) Executive Office of the President $97,087.37

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) 
Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) 

15B. CONTRACTOR/OFFEROR 

16B. UNITED STATES OF AMERICA 

15C. DATE SIGNED 

16C. DATE SIGNED 
05/30/2017

(Signature of person authorized to sign) 
(Signature of Contracting Officer)
8) Other $84,471.00.

The total amount obligated is $2,981,677.00 thereby increasing it from $8,070,069,500.53 to $8,073,051,177.53.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,467,894,030.70 to $9,470,875,707.70.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

The above numbered solicitation is amended as set forth in Item 14, pursuant to the authority of FAR 43.103(b).

The purpose of this administrative modification is to correct a clerical error on Modification 0600. Modification 0600 Block 14, Description of Amendment/Modification, is hereby replaced in its entirety. In addition, Attachment 1 Supporting Documentation Index (only) of Modification 0600 is replaced in its entirety and attached hereto.

A. The purpose of this modification is to incorporate the seven (7) contract work authorizations as listed below:

1) No. HQTD1002-16, Rev 0, Alternative Waste Pretreatment (See Attachment 1-A)
2) No. KC/SR1/6-16, Rev 1, Basic Energy Sciences (See Attachment 1-B)
3) No. IN16013, Rev 1, Energy and Threat (See Attachment 1-C)

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

Angela S. Morton

Signature on File

06/05/2017
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<tr>
<td>6)</td>
<td>No. HQTD1000-16, Rev 0, Technical Planning, Integration and Risk Management (See Attachment 1-F)</td>
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<td>7)</td>
<td>No. HQTD1001-16, Rev 0, Waste Retrieval and Closure Technologies (See Attachment 1-G)</td>
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B. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO.

0699

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

17EM001765

5. PROJECT NO. (If applicable)

6. ISSUED BY

Savannah River Operations

U.S. Department of Energy

Savannah River Operations

P.O. Box A

Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6)

CODE

00901

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

Attn: LLOYD CLEVINGER II

203 LAURENS ST SW

AIKEN SC 29801

9. AMENDMENT OF SOLICITATION NO.

10. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing terms 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted ; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted , such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $139,191,041.09

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)

THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 13 for FY 2017. Funds in the amount of $139,191,041.09 are hereby obligated to CLIN 0001, thereby increasing it from $8,073,051,177.53 to $8,212,242,218.62.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,470,875,707.70 to $9,610,066,748.79.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

06/14/2017

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Signature on File

16B. UNITED STATES OF AMERICA

06/14/2017

16C. DATE SIGNED

STANDARD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070

Previous edition unusable

Prescribed by GSA

FAR (48 CFR) 53.243
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<th>UNIT</th>
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<th>AMOUNT</th>
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<td>Payment:</td>
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<td>FOB: Destination</td>
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</table>
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
<thead>
<tr>
<th>1. CONTRACT CODE</th>
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<tbody>
<tr>
<td>1. CONTRACT D CODE</td>
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<tr>
<td>2. AMENDMENT/MODIFICATION NO.</td>
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<tr>
<td>0700</td>
</tr>
<tr>
<td>3. EFFECTIVE DATE</td>
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<tr>
<td>See Block 16C</td>
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<tr>
<td>4. REQUISITION/PURCHASE REQ. NO.</td>
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<td>5. PROJECT NO. (If applicable)</td>
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<td>6. ISSUED BY</td>
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<tr>
<td>7. ADMINISTERED BY (If other than Item 6)</td>
</tr>
<tr>
<td>CODE</td>
</tr>
<tr>
<td>0901</td>
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<tr>
<td>SAVANNAH RIVER OPERATIONS</td>
</tr>
<tr>
<td>U.S. Department of Energy</td>
</tr>
<tr>
<td>Savannah River Operations</td>
</tr>
<tr>
<td>P.O. Box A</td>
</tr>
<tr>
<td>Aiken SC 29802</td>
</tr>
<tr>
<td>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</td>
</tr>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
</tr>
<tr>
<td>Attn: JOSEPH C. PONIATOWSKI</td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
</tr>
<tr>
<td>Aiken SC 29801</td>
</tr>
<tr>
<td>CODE</td>
</tr>
<tr>
<td>798861048</td>
</tr>
<tr>
<td>FACILITY CODE</td>
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<tr>
<td>9A. AMENDMENT OF SOLICITATION NO.</td>
</tr>
<tr>
<td>9B. DATED (SEE ITEM 11)</td>
</tr>
<tr>
<td>10A. MODIFICATION OF CONTRACT/ORDER NO.</td>
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<tr>
<td>DE-AC09-08SR22470</td>
</tr>
<tr>
<td>10B. DATED (SEE ITEM 13)</td>
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<tr>
<td>01/10/2008</td>
</tr>
<tr>
<td>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</td>
</tr>
<tr>
<td>☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers</td>
</tr>
<tr>
<td>☐ is extended</td>
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<tr>
<td>☐ is not extended.</td>
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<tr>
<td>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing</td>
</tr>
<tr>
<td>copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By</td>
</tr>
<tr>
<td>separate letter or telegram which includes a reference to the solicitation and amendment numbers. FA LURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT</td>
</tr>
<tr>
<td>THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by</td>
</tr>
<tr>
<td>virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes</td>
</tr>
<tr>
<td>reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</td>
</tr>
<tr>
<td>12. ACCOUNTING AND APPROPRIATION DATA (If required)</td>
</tr>
<tr>
<td>See Schedule</td>
</tr>
<tr>
<td>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</td>
</tr>
<tr>
<td>CHECK ONE</td>
</tr>
<tr>
<td>☒ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT</td>
</tr>
<tr>
<td>ORDER NO. IN ITEM 10A.</td>
</tr>
<tr>
<td>☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office,</td>
</tr>
<tr>
<td>appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
</tr>
<tr>
<td>☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
</tr>
<tr>
<td>☒ D. OTHER (Specify type of modification and authority)</td>
</tr>
<tr>
<td>X Section I, DEAR 970.5211-1 Work Authorization (May 2007)</td>
</tr>
<tr>
<td>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</td>
</tr>
<tr>
<td>A. The purpose of this modification is to incorporate six (6) contract work authorizations</td>
</tr>
<tr>
<td>reference Fiscal Year 2017 SRNS Financial Plan #12. Accordingly the following applies:</td>
</tr>
<tr>
<td>1) KC/SR1/7-17, Rev 2 Basic Energy Sciences (See Attachment 1-A)</td>
</tr>
<tr>
<td>2) ET17014, Rev 2 Energy &amp; Threat (See Attachment 1-B)</td>
</tr>
<tr>
<td>3) ET17027, Rev 4 Energy &amp; Threat (See Attachment 1-C)</td>
</tr>
<tr>
<td>4) ET17040, Rev 2 Energy &amp; Threat (See Attachment 1-D)</td>
</tr>
<tr>
<td>5) HQ091801-17, Rev 4 EM Science and Safety Robotics and Sensor Test Bed, Field</td>
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<tr>
<td>Demonstrations (See Attachment 1-E)</td>
</tr>
<tr>
<td>6) 410003-TS-17, Rev 4 Program Support (See Attachment 1-F)</td>
</tr>
<tr>
<td>Continued ...</td>
</tr>
<tr>
<td>Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore change</td>
</tr>
<tr>
<td>remains unchanged and in full force and effect.</td>
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<tr>
<td>15A. NAME AND TITLE OF SIGNER (Type or print)</td>
</tr>
<tr>
<td>Angela S. Morton</td>
</tr>
<tr>
<td>15B. CONTRACTOR/OFFEROR</td>
</tr>
<tr>
<td>15C. DATE SIGNED</td>
</tr>
<tr>
<td>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</td>
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<tr>
<td>06/15/2017</td>
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<tr>
<td>16B. UNITED STATES OF AMERICA</td>
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<tr>
<td>Signature on File</td>
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<td>16C. DATE SIGNED</td>
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NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
Funds were previously allocated by separate modification; reference SRNS Financial Plan #12 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
A. The purpose of this modification is to incorporate the Savannah River Nuclear Solutions (SRNS) Performance Evaluation Measurement Plan (PEMP), Revision 2, for the period October 1, 2016 through September 30, 2017. Previous edition of the FY 2017 PEMP is hereby superseded and replaced with Revision 2.

B. All other terms and conditions remain unchanged.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16B. UNITED STATES OF AMERICA
Signature on File

06/20/2017
<table>
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Payment:

OR for Savannah River
U.S. Department of Energy
Oak Ridge Financial Service Center
P.O. Box 6017
Oak Ridge TN 37831
A. The purpose of this modification is to incorporate three (3) contract work authorizations reference Fiscal Year 2017 SRNS Financial Plan #13. Accordingly the following applies:

1) KP W SR17, Rev 0 Biological and Environmental Research (See Attachment 1-A)
2) RD-410003-17, Rev 0 Advanced Grid Research and Development (See Attachment 1-B)
3) 89X0319-17, Rev 3 Fuel Cycle Research and Development (See Attachment 1-C)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #13 for FY 2017.

Continued...

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate three (3) contract work authorizations reference Fiscal Year 2017 SRNS Financial Plan #13. Accordingly the following applies:

1) KP W SR17, Rev 0 Biological and Environmental Research (See Attachment 1-A)
2) RD-410003-17, Rev 0 Advanced Grid Research and Development (See Attachment 1-B)
3) 89X0319-17, Rev 3 Fuel Cycle Research and Development (See Attachment 1-C)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #13 for FY 2017.

Continued...
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B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
Aiken SC 29802
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 14 for FY 2017. Funds in the amount of $62,935,469.65 are hereby obligated to CLIN 0001, thereby increasing it from $8,212,242,218.62 to $8,275,177,688.27.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,610,066,748.79 to $9,673,002,218.44.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

DEAR 970.5232-4 Obligation of Funds (2000)
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<th>ITEM NO. (A)</th>
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<th>UNIT PRICE (E)</th>
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0704

8. ISSUED BY

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

11. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $192,990.37

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF MODIFICATION/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 14 for FY 2017. Funds in the amount of $192,990.37 are hereby obligated to CLIN 0001, thereby increasing it from $8,275,177,688.27 to $8,275,370,678.64.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,673,002,218.44 to $9,673,195,208.81.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

15D. UNITED STATES OF AMERICA

Signature on File

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

06/26/2017
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,673,195,208.81 includes obligation of $192,990.37 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $192,990.37 for a cumulative total of $5,617,874.18 to-date for FY 2017.

Payment:

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0705
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO. 17EM001908
5. PROJECT NO. (If applicable)

6. ISSUED BY

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6)


8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 11) 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $738,980.77 See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 14 for FY 2017, as cited below:

1) Agency for International Development $27,509.72
2) Department of Defense $352,052.98
3) Department of Homeland Security -$1,602.76
4) Executive Office of the President -$8,823.51
5) Intelligence Community Management Account $187,000.00
6) Other $182,844.34

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED 06/26/2017 (Signature of person authorized to sign) (Signature of Contracting Officer)

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
The total amount obligated is $738,980.77 thereby increasing it from $8,275,370,678.64 to $8,276,109,659.41.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,673,195,208.81 to $9,673,934,189.58.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE:  

2. AMENDMENT/MODIFICATION NO.: 0706  
3. EFFECTIVE DATE: See Block 16C  
4. REQUISITION/PURCHASE REQ. NO.:  
5. PROJECT NO. (If applicable):  

6. ISSUED BY: Savannah River Operations  
   U.S. Department of Energy  
   Savannah River Operations  
   P.O. Box A  
   Aiken SC 29802  

7. ADMINISTERED BY (If other than Item 6):  

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code):  
   SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
   Attn: JOSEPH C. PONIATOWSKI  
   203 LAURENS ST SW  
   AIKEN SC 29801  

9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11):  

10A. MODIFICATION OF CONTRACT/ORDER NO.: DE-AC09-08SR22470  
10B. DATED (SEE ITEM 13): 01/10/2008  

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.  

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☐ X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT  
   Contractor ☐ is not, ☐ is required to sign this document and return ☐ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate five (5) contract work authorizations reference Fiscal Year 2017 SRNS Financial Plan #14. Accordingly the following applies:

1) 89X0319-17, Rev 4 Fuel Cycle Research and Development (See Attachment 1-A)
2) SFWD-17, Rev 2 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-B)
3) SFWD-17, Rev 3 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-C)
4) HQ1001-17, Rev 2 Energy Employee Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-D)
5) ET17027-17, Rev 5 Energy and Threat (See Attachment 1-E)

Funds were previously allocated by separate modification; reference SRNS Financial Plan #14 Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA

Signature on File

15C. DATE SIGNED

07/14/2017

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

NSN 7540-01-152-8070  
Previous edition unusable
for FY 2017.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See each Contract Work Authorization for date approved by the Contracting Officer.

Payment:
### Amendment of Solicitation/Modification of Contract

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<tr>
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| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, |
| appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |

| C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
|                                                                           |

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<th>D. OTHER (Specify type of modification and authority)</th>
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<th>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</th>
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| A. The purpose of this modification is to deobligate funds from CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 15 for FY 2017. Funds in the amount of -$25,654,005.00 are hereby deobligated from CLIN 0001, thereby decreasing it from $8,276,109,659.41 to $8,250,455,654.41. |

| B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $9,673,934,189.58 to $9,648,280,184.58. |

| C. The contract estimated value and all other terms and conditions remain unchanged. |

| Continued ... |

| Exclusive as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect. |

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NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
## Payment:

*FOB: Destination*
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO. 0708

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 17EM002147

5. PROJECT NO. (If applicable)

6. ISSUED BY

   Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

   SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
   Attn: JOSEPH C. PONIATOWSKI
   203 LAURENS ST SW
   AIKEN SC 29801

9. AMENDMENT OF SOLICITATION NO.

10. MODIFICATION OF CONTRACT/ORDER NO.

   DE-AC09-08SR22470

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

   [ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended [ ] is not extended.

   Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ______ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

   See Schedule

   Net Increase: $80,879,158.40

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

   [ ] CHECK ONE
   [A] THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)

   [B] THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

   [C] THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

   [X] OTHER (Specify type of modification and authority)

   DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

   A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 16 for FY 2017. Funds in the amount of $80,879,158.40 are hereby obligated to CLIN 0001, thereby increasing it from $8,250,455,654.41 to $8,331,334,812.81.

   B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,648,280,184.58 to $9,729,159,342.98.

   C. The contract estimated value and all other terms and conditions remain unchanged.

   Continued ...

   Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

   Angela S. Morton

   (Signature of person authorized to sign)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

Previous edition unusable

Prescribed by GSA

FAR (48 CFR) 53.243

07/24/2017

(Height of person authorized to sign)

(Signature of Contracting Officer)

DE-AC09-08SR22470
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Changes to the contract are described below:

**A.** The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 16 for FY 2017. Funds in the amount of $414,480.71 are hereby obligated to CLIN 0001, thereby increasing it from $8,331,334,812.81 to $8,331,749,293.52.

**B.** As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,729,159,342.98 to $9,729,573,823.69.

**C.** The contract estimated value and all other terms and conditions remain unchanged.

Net Increase: $414,480.71
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,729,573,823.69 includes obligation of $414,480.71 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $414,480.71 for a cumulative total of $6,032,354.89 to-date for FY 2017.

Payment:
FOB: Destination
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT Contractor is not, is required to sign this document and return __________ copies to the issuing office.

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 16 for FY 2017, as cited below:

1) Department of Defense $25,500.00
2) Department of Homeland Security -$505,718.93
3) Other $25,000.00

The total amount deobligated is $459,218.93 thereby decreasing it from $8,331,749,293.52 to $8,331,290,074.59.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.
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<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
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B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $9,729,573,823.69 to $9,729,114,604.76.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<tr>
<td>203 LAURENS ST SW</td>
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### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended or is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/OFFERS. IT MODIFIES THE CONTRACT/OFFER NO. AS DESCRIBED IN ITEM 14.

- **CHECK ONE**
  - A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
  
  - B. THE ABOVE NUMBERED CONTRACT/OFFER ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
  
  - C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
  
  - D. OTHER (Specify type of modification and authority)
  
  - X
  
  - Section I, DEAR 970.5211-1 Work Authorization (May 2007)

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION

( Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate one (1) contract work authorization reference Fiscal Year 2017 SRNS Financial Plan numbers 12 and 13. Accordingly the following applies:

1) IPA-410003-17, Rev 0 Technical Assistance Intergovernmental Personnel Assignment (See Attachment 1-A)

Funds were previously allocated by separate modifications; reference SRNS Financial Plan Numbers 12 and 13 for FY 2017.

B. This modification formally incorporates the above referenced contract work

Continued ...

**E. IMPORTANT**

- Contractor is required to sign this document and return copies to the issuing office.

### 15. CONTRACTOR/OFFEROR

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**STANDARD FORM 30 (REV. 10-83)**

Prescribed by GSA
FAR (48 CFR) 53.243
authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

Payment:
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<th>9A. AMENDMENT OF SOLICITATION NO.</th>
<th>9B. DATED (SEE ITEM 11)</th>
<th>10A. MODIFICATION OF CONTRACT/ORDER NO.</th>
<th>10B. DATED (SEE ITEM 13)</th>
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#### 10A. MODIFICATION OF CONTRACT/ORDER NO.

- DATED (SEE ITEM 11)
- DATED (SEE ITEM 13)

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<tbody>
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</table>

#### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers
- Extended
- Not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

#### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

#### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
  THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

- D. OTHER (Specify type of modification and authority)

- X  Section I, DEAR 970.5211-1 Work Authorization (May 2007)

#### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate one (1) contract work authorization reference Fiscal Year 2017 SRNS Financial Plan Number 15. Accordingly the following applies:

1) KC/SR1/7-17, Rev 3  Basic Energy Sciences (See Attachment 1-A)

Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 15 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)  
Angela S. Morton

15B. CONTRACTOR/OFFEROR  

15C. DATE SIGNED  
07/28/2017

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  

16B. UNITED STATES OF AMERICA  
Signature on File

16C. DATE SIGNED  
07/28/2017

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243
unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

Payment:
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

SAVANNAH RIVER OPERATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The changes set forth in Item 14 are made in the Contract Order No. in Item 10A.

See Schedule

The purpose of this modification is to incorporate eight (8) contract work authorizations reference Fiscal Year 2017 SRNS Financial Plan Number 16. Accordingly the following applies:

1) HQ091801-17, Rev 5 Science of Safety Robotics and SME Technical Support (See Attachment 1-A)
2) IF-410003-17, Rev 1 Advanced Manufacturing Office (See Attachment 1-B)
3) SFWD-17, Rev 4 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-C)
4) KC/SR1/7-17, Rev 4 Basic Energy Sciences (See Attachment 1-D)
5) HQTD1002-17, Rev 2 Tank Waste Mercury Treatment for Savannah River (See Attachment 1-E)
6) ET17040-17, Rev 3 Energy and Threat (See Attachment 1-F)

Continued...
7) ET17027-17, Rev 6 Energy and Threat (See Attachment 1-G)
8) AT/SR58/17, Rev 0 Fusion Energy Sciences (See Attachment 1-H)

Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 16 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

Payment:
The purpose of this modification is to deobligate funds from CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 19 for FY 2017. Funds in the amount of $13,951,401.83 are hereby deobligated from CLIN 0001, thereby decreasing it from $8,331,290,074.59 to $8,317,338,672.76.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $9,729,114,604.76 to $9,715,163,202.93.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 19 for FY 2017. Funds in the amount of $13,951,401.83 are hereby deobligated from CLIN 0001, thereby decreasing it from $8,331,290,074.59 to $8,317,338,672.76.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $9,729,114,604.76 to $9,715,163,202.93.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...
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<th>ITEM NO. (A)</th>
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## AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<th>1. CONTRACT D CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
<th>6. ISSUED BY</th>
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<td>Savannah River Operations</td>
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### 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
203 LAURENS ST SW
Aiken SC 29801

### 9. AMENDMENT OF SOLICITATION NO.

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
Aiken SC 29801

### 10. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing terms 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

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<td>THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</td>
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### 14. DESCRIPTION OF AMENDMENT/MODIFICATION

Organized by UCF section headings, including solicitation/contract subject matter where feasible.

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 19 for FY 2017. Funds in the amount of $279,136.13 are hereby obligated to CLIN 0001, thereby increasing it from $8,317,338,672.76 to $8,317,617,808.89.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,715,163,202.93 to $9,715,442,339.06.

C. The contract estimated value and all other terms and conditions remain unchanged.

### 15. NAME AND TITLE OF CONTRACTING OFFICER

Sylvia C. Maroney

### 16. NAME AND TITLE OF SIGNER

Sylvia C. Maroney

### 17. DATE SIGNED

08/17/2017

### SIGNATURES

(Signature of person authorized to sign)

(Signature of Contracting Officer)

STANDARD FORM 30 (REV. 10-83)

Previous edition unusable

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

Prepared by GSA

FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,715,442,339.06 includes obligation of $279,136.13 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $279,136.13 for a cumulative total of $6,311,491.02 to-date for FY 2017.

Payment:

FOB: Destination
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy

Savannah River Operations

P.O. Box A
Aiken SC 29802

See Schedule 798861048

CHECK ONE
☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
☐ The changes set forth in item 14 are made in the contract order no. in item 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☐ E. IMPORTANT (Contractor is not, is required to sign this document and return copies to the issuing office).

☐ 14A. AMENDMENT OF SOLICITATION NO.

☐ 98. DATED (SEE ITEM 11)

☐ 10A. MODIFICATION OF CONTRACT/ORDER NO.

☐ DE-AC09-08SR22470

☐ 10B. DATED (SEE ITEM 13)

☐ Net Increase: $694,408.95

☐ 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended is not extended.

☐ Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

☐ Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

☐ 12. ACCOUNTING AND APPROPRIATION DATA (If required)

☐ See Schedule

☐ 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. This change order is issued pursuant to: (Specify authority) the changes set forth in item 14 are made in the contract order no. in item 10A.

☐ B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of FAR 43.103(b).

☐ C. This supplemental agreement is entered into pursuant to authority of:

☐ D. Other (Specify type of modification and authority)

☐ E. Important (Contractor is not, is required to sign this document and return copies to the issuing office).

☐ 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

☐ A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 19 for FY 2017, as cited below:

1) Department of Defense $298,871,84
2) Department of Homeland Security $395,537.11

The total amount obligated is $694,408.95 thereby increasing it from $8,317,617,808.89 to $8,318,312,217.84.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9 a or 10a, as heretofore changed, remains unchanged and in full force and effect.

☐ 15A. NAME AND TITLE OF SIGNER (Type or print)

☐ Sylvia C. Maroney

☐ 15B. CONTRACTOR/OFFEROR

☐ (Signature of person authorized to sign)

☐ 15C. DATE SIGNED

☐ 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

☐ (Signature of Contracting Officer)

☐ 16B. UNITED STATES OF AMERICA

☐ Signature on File

☐ 16C. DATE SIGNED

☐ 08/17/2017

☐ STANDART FORM 30 (REV. 10-83)

Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable

DE-AC09-08SR22470
C0PIES OF THE AMENDMENT; (B) BY ACKNOWLEDGING RECEIPT OF THIS AMENDMENT ON EACH COPY OF THE OFFER SUBMITTED; OR (C) BY SEPARATE LETTER OR TELEGRAM WHICH INCLUDES A REFERENCE TO THE SOLICITATION AND AMENDMENT NUMBERS. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. IF BY VIRTUE OF THIS AMENDMENT YOU DESIRE TO CHANGE AN OFFER ALREADY SUBMITTED, SUCH CHANGE MAY BE MADE BY TELEGRAM OR LETTER, PROVIDED EACH TELEGRAM OR LETTER MAKES REFERENCE TO THE SOLICITATION AND THIS AMENDMENT, AND IS RECEIVED PRIOR TO THE OPENING HOUR AND DATE SPECIFIED.
Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,715,442,339.06 to $9,716,136,749.01.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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**8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)**

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: JOSEPH C. PONIATOWSKI  
203 LAURENS ST SW  
Aiken SC 29801

**9A. AMENDMENT OF SOLICITATION NO.**

9B. DATED (SEE ITEM 11)

**10A. MODIFICATION OF CONTRACT/ORDER NO.**

DE-AC09-08SR22470

**10B. DATED (SEE ITEM 13)**

01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

**CHECK ONE**

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☐ X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)**

A. The purpose of this modification is to incorporate thirteen (13) contract work authorizations reference Fiscal Year 2017 SRNS Financial Plan Number 19. Accordingly the following applies:

1) SR091701-17, Rev 3 In Situ Decommissioning Technology Development and Demonstration (See Attachment 1-A)  
2) SFWD-17, Rev 5 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-B)  
3) PC410003-17, Rev 1 Packaging and Certification Program (See Attachment 1-C)  
4) HQTD1000-17, Rev 2 Technical Planning, Integration and Risk Management (See Attachment 1-D)  
5) HQ1001-17, Rev 3 Energy Employee Occupational Illness Compensation Program (EEOICPA)

Continued ...

**15A. NAME AND TITLE OF SIGNER (Type or print)**

Sylvia C. Maroney

**15B. CONTRACTOR/OFFEROR**

(Signature of person authorized to sign)

**15C. DATE SIGNED**

08/31/2017

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

Sylvia C. Maroney

**16B. UNITED STATES OF AMERICA**

Signature on File

**16C. DATE SIGNED**

08/31/2017
6) HQ091801-17, Rev 6 Science of Safety Robotics and SME Technical Support (See Attachment 1-F)
7) HQ091801-17, Rev 7 Science of Safety Robotics and SME Technical Support (See Attachment 1-G)
8) EM-410003-17, Rev 3 FY 2017 Biomass Program (See Attachment 1-H)
9) 89X0319-17, Rev 5 Fuel Cycle Research and Development (See Attachment 1-I)
10) 089X4180, Rev 0 Isotope Production and Distribution Program Fund (See Attachment 1-J)
11) 410003-TS-17, Rev 5 Program Support (See Attachment 1-K)
12) 410003-TS-17, Rev 6 Program Support (See Attachment 1-L)
13) 410003-TS-17, Rev 7 Program Support (See Attachment 1-M)

Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 19 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

Payment:
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 20 for FY 2017. Funds in the amount of $114,623,577.74 are hereby obligated to CLIN 0001, thereby increasing it from $8,318,312,217.84 to $8,432,935,795.58.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,716,136,748.01 to $9,830,760,325.75.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as hereforetochange, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16C. DATE SIGNED

08/30/2017
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18. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO. 0719

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 17EM002516

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 00901

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (If other than item 6) CODE

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

8. AMENDMENT OF SOLICITATION NO. (X)

9A. AMENDMENT OF SOLICITATION NO. 

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

CODE 798861048 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers
☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing
items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By
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THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by
virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes
reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $288,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 20 for FY 2017. Funds in the amount of $288,000.00 are hereby obligated to CLIN 0001, thereby increasing it from $8,432,935,795.58 to $8,433,223,795.58.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,830,760,325.75 to $9,831,048,325.75.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

E. IMPORTANT

Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

STANDARD FORM 30 (REV. 10-83)
NSN 7540-01-152-8070
Previous edition unusable

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED
08/30/2017

Prescribed by GSA
FAR (48 CFR) 53.243

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,831,048,325.75 includes obligation of $288,000.00 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $288,000.00 for a cumulative total of $6,599,491.02 to-date for FY 2017.

Payment:

FOB: Destination
### Amendment of Solicitation/Modification of Contract

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<td>Attn: JOSEPH C. PONIATOWSKI</td>
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<td>203 LAURENS ST SW</td>
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<td>798861048</td>
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</table>

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

#### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

#### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

**A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)**

The changes set forth in Item 14 are made in the contract order no. in Item 10A.

**B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).**

**C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:**

**D. OTHER (Specify type of modification and authority)**

- Section I, DEAR 970.5211-1 Work Authorization (May 2007)

**E. IMPORTANT**

- Contractor is not, is required to sign this document and return copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

A. The purpose of this modification is to incorporate twelve (12) contract work authorizations reference Fiscal Year 2017 SRNS Financial Plan Number 20. Accordingly the following applies:

1. ET17027-17, Rev 7 Energy and Threat (See Attachment 1-A)
2. ET17014-17, Rev 3 Energy and Threat (See Attachment 1-B)
3. ET17040-17, Rev 4 Energy and Threat (See Attachment 1-C)
4. HI-410003-17, Rev 5 Fuel Cell Technologies Office (See Attachment 1-D)
5. 89X0319-17, Rev 6 Fuel Cycle Research and Development (See Attachment 1-E)
6. RD-410003-17, Rev 1 Advanced Grid Research and Development (See Attachment 1-F)
7. AMWTP-17, Rev 0 AMWTP Future Mission (See Attachment 1-G)

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**

- Angela S. Morton

**15B. CONTRACTOR/OFFEROR**

**15C. DATE SIGNED**

Signature on File

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

**16B. UNITED STATES OF AMERICA**

**16C. DATE SIGNED**

09/13/2017
8) SFWD-17, Rev 6 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-H)
9) SFWD-17, Rev 7 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-I)
10) 069X4180, Rev 1 Isotope Production and Distribution Program Fund (See Attachment 1-J)
11) HQTD1002-17, Rev 3 Tank Waste Mercury Treatment for Savannah River (See Attachment 1-K)
12) HQTD1002-17, Rev 4 Tank Waste Mercury Treatment for Savannah River (Tank Waste Technetium Management) (See Attachment 1-L)

Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 20 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

Payment:
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 20 for FY 2017. Funds in the amount of $19,147,910.00 are hereby obligated to CLIN 0001, thereby increasing it from $8,433,223,795.58 to $8,452,371,705.58.

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 20 for FY 2017. Funds in the amount of $19,147,910.00 are hereby obligated to CLIN 0001, thereby increasing it from $8,433,223,795.58 to $8,452,371,705.58.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,831,048,325.75 to $9,850,196,235.75.

C. The contract estimated value and all other terms and conditions remain unchanged.

Net Increase: $19,147,910.00

DEAR 970.5232-4 Obligation of Funds (2000)

Angela S. Morton

09/12/2017

Signature on File
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<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
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1. CONTRACT D CODE: 0722

2. AMENDMENT/MODIFICATION NO.: See Block 16C

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: 00901

5. PROJECT NO. (If applicable): 798861048

6. ISSUED BY: Savannah River Operations

7. ADMINISTERED BY (If other than Item 8): 00901

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code):

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

9. AMENDMENT OF SOLICITATION NO.:

10A. MODIFICATION OF CONTRACT/ORDER NO.: DE-AC09-08SR22470

10B. DATED (SEE ITEM 13): 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) DEAR 970.5211-1 Work Authorization (May 2007)

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

D. OTHER (Specify type of modification and authority)

E. IMPORTANT

Contractor ☐ is, ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate two (2) contract work authorizations reference Fiscal Year 2017 SRNS Financial Plan Number 21. Accordingly the following applies:

1) 410003-TS-17, Rev 8 Program Support (See Attachment 1-A)
2) ET17027-17, Rev 8 Energy and Threat (See Attachment 1-B)

Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 21 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED: 09/18/2017

15D. UNITED STATES OF AMERICA

Signature on File

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED: 09/18/2017

STANDARD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070

Previous edition unusable

Prescribed by GSA

FAR (48 CFR) 53.243
(May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

Payment:
## AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<tr>
<td>Attn: JOSEPH C. PONIATOWSKI</td>
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<tr>
<td>203 LAURENS ST SW</td>
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<td>AIKEN SC 29801</td>
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### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. ☑ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

- See Schedule

### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- CHECK ONE
  - A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
  - B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUING TO THE AUTHORITY OF FAR 43.103(b).
  - C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
    - D. OTHER (Specify type of modification and authority)
      - ☑ Section I, DEAR 970.5211-1 Work Authorization (May 2007)

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

- A. Pursuant to DOE Order 412.1A Work Authorization, and Contract Clause I.53 Obligation of Funds, the SRNL Minor B&Rs outlined in Attachment 1A, "No Year Funds," are hereby extended through 9/30/2018; subject to the availability of funds.

- B. All other Terms and Conditions remain the same.

Note: This modification provides guidance regarding availability of funds and the Period of Performance only. Contract Work Authorizations for FY 2018 will be incorporated by separate modifications. Funds for work authorizations will continue to be allocated upon availability of funds under SRNS FIN PLANs for FY 2018, in accordance to the terms and conditions of the contract.

Continued ...

### 15. CONTRACTOR/OFFEROR

- (Signature of person authorized to sign)

### 16. NAME AND TITLE OF CONTRACTING OFFICER

- Angela S. Morton

### 17. DATE SIGNED

- 09/21/2017

---

**STANDARD FORM 30 (REV. 10-83)**

Prescribed by GSA

FAR (48 CFR) 53.243
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<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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Payment:
The purpose of this modification is as follows:

A. Correct a clerical error on Modification 0721. Under Modification 0721, Block 14, paragraph A, the referenced SRNS FINPLAN should have read No. 21 for FY 2017 not No. 20.

B. Obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 22 for FY 2017. Funds in the amount of $14,622,014.64 are hereby obligated to CLIN 0001, thereby increasing it from $8,452,371,705.58 to $8,466,993,720.22.

C. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

A. Correct a clerical error on Modification 0721. Under Modification 0721, Block 14, paragraph A, the referenced SRNS FINPLAN should have read No. 21 for FY 2017 not No. 20.

B. Obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 22 for FY 2017. Funds in the amount of $14,622,014.64 are hereby obligated to CLIN 0001, thereby increasing it from $8,452,371,705.58 to $8,466,993,720.22.

C. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.
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<td>D. The contract estimated value and all other terms and conditions remain unchanged.</td>
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**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

Net Increase: $85,422.49

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X DEAR 970.5232-4 Obligation of Funds (2000)

**E. IMPORTANT**

Contractor ☐ is not, ☐ is required to sign this document and return __________________ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 22 for FY 2017. Funds in the amount of $85,422.49 are hereby obligated to CLIN 0001, thereby increasing it from $8,466,993,720.22 to $8,467,079,142.71.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,864,818,250.39 to $9,864,903,672.88.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**

Angela S. Morton

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

**15B. CONTRACTOR/OFFEROR**

**16B. UNITED STATES OF AMERICA**

Signature on File

09/22/2017

**STANDARD FORM 30 (REV. 10-83)**

Prescribed by GSA

FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,864,903,672.88 includes obligation of $85,422.49 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $85,422.49 for a cumulative total of $6,684,913.51 to-date for FY 2017.

Payment:

FOB: Destination

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<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/ SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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### Amendment of Solicitation/Modification of Contract

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<th>3. Effective Date</th>
<th>4. Requisition/Purchase Req. No.</th>
<th>5. Project No. (If applicable)</th>
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<tr>
<td>Savannah River Operations</td>
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</tr>
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</table>

<table>
<thead>
<tr>
<th>8. Name and Address of Contractor (No., street, county, State and ZIP Code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
</tr>
<tr>
<td>Attn: JOSEPH C. PONIATOWSKI</td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
</tr>
<tr>
<td>AIKEN SC 29801</td>
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<table>
<thead>
<tr>
<th>9A. Amendment of Solicitation No.</th>
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<th>10A. Modification of Contract/Order No.</th>
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<table>
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<th>10B. Dated (See Item 13)</th>
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</thead>
<tbody>
<tr>
<td>01/10/2008</td>
</tr>
</tbody>
</table>

#### 11. This Item Only Applies to Amendments of Solicitations

- The above numbered solicitation is amended as set forth in Item 14.
- The hour and date specified for receipt of Offers is extended if not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- By completing items 8 and 15, and returning ___ copies of the amendment;
- By acknowledging receipt of this amendment on each copy of the offer submitted;
- By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

#### 12. Account NG and Appropriation Data (If required)

See Schedule

- Net Increase: $407,769.90

#### 13. This Item Only Applies to Modification of Contracts/Orders. It Modifies the Contract/Order No. as Described in Item 14.

**Check One**

- A. This change order is issued pursuant to: (Specify authority)
- B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in Item 14, pursuant to the authority of FAR 43.103(b).
- C. This supplemental agreement is entered into pursuant to authority of:
- D. Other (Specify type of modification and authority)

**X** DEAR 970.5232-4 Obligation of Funds (2000)

#### 14. Description of Amendment/Modification

Organized by UCF section headings, including solicitation/contract subject matter where feasible.

**A.** The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 22 for FY 2017, as cited below:

1) Agency for International Development $77,669.90
2) Department of the Navy $350,000.00
3) Other -$19,900.00

The total amount obligated is $407,769.90 thereby increasing it from $8,467,079,142.71 to $8,467,486,912.61.

Continued...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

<table>
<thead>
<tr>
<th>15A. Name and Title of Signer (Type or print)</th>
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<tbody>
<tr>
<td>Angela S. Morton</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>16A. Name and Title of Contracting Officer (Type or print)</th>
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<tbody>
<tr>
<td>Signature on File</td>
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</table>

<table>
<thead>
<tr>
<th>15B. Contractor/Offeror (Signature of person authorized to sign)</th>
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</table>

<table>
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<tr>
<th>16B. United States of America (Signature of Contracting Officer)</th>
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<table>
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<tr>
<th>16C. Date Signed</th>
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<tbody>
<tr>
<td>09/22/2017</td>
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</table>
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,864,903,672.88 to $9,865,311,442.78.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
<thead>
<tr>
<th>1. CONTRACT D CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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<th>7. ADMINISTERED BY (If other than Item 6)</th>
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<td>Savannah River Operations</td>
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<tbody>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
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<td>DE-AC09-08SR22470</td>
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<tr>
<td>Attn: JOSEPH C. PONIATOWSKI</td>
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<td>203 LAURENS ST SW</td>
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<th>CODE</th>
<th>FACILITY CODE</th>
<th>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</th>
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12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS_ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<table>
<thead>
<tr>
<th>CHECK ONE</th>
<th>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)</th>
<th>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</th>
<th>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</th>
<th>D. OTHER (Specify type of modification and authority)</th>
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Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT

Contractor ☐ is not, ☑ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to extend the Period of Performance for the contract work authorizations listed below:

1) No. 11C-FY18, Rev. 0, for SR-0011C NM Stabilization and Disposition - 2035 Fund Code 01264
2) No. 12-FY18, Rev. 0, for SR-0012 SNF Stabilization and Disposition Fund Code 01265
3) No. 13-FY18, Rev. 0, for SR-0013 Solid Waste Disposition Fund Code 01266
4) No. 14C-FY18, Rev. 0, for SR-0014C SR Services and Contract Interface
5) No. 20-FY18, Rev. 0, for SR-0020 Safeguards and Security Fund Code 01250
6) No. 30-FY18, Rev 0, for SR-0030 Soil and Ground Water Remediation Fund Code 01267
7) No. 0028-FY18, Rev 0 for SR-0025 Cyber Security

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

Signature on File

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

09/29/2017

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
8) No. 41-FY18, Rev 0 for SR-0041 Surveillance, Maintenance & Deactivation

Budget Authority obligated under most current contract modification and related approved financial plan executed under contract clauses B-4, Obligation of Funds, and I.53, DEAR to read "10/1/17 thru 9/30/18," for work authorization(s) listed above. This extension allows for the continuation of work subject to funds availability. SRNS shall comply with the restrictions cited under Funds Authorized for contract work authorizations, see attachments 1-A through 1-H, attached hereto.

B. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. This item only applies to amendments of solicitations

See Schedule

12. Accounting and appropriation data (If required)

See Schedule

13. This item only applies to modification of contracts/orders. It modifies the contract/order no. as described in item 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) The changes set forth in Item 14 are made in the contract order no. in item 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X Clause H-28, Performance-Based Incentives

14. Description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate the Savannah River Nuclear Solutions (SRNS) Performance Evaluation Measurement Plan (PEMP) Revision 0, for the period October 1, 2017 through July 31, 2018.

All other terms and conditions remain unchanged.

Payment:

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

16A. Name and title of contracting officer (Type or print)

Angela S. Morton

16B. United States of America

Signature on File

09/29/2017

(Signature of Contracting Officer)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 23 for FY 2017. Funds in the amount of $735,665.55 are hereby obligated to CLIN 0001, thereby increasing it from $8,467,486,912.61 to $8,468,222,578.16.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,865,311,442.78 to $9,866,047,108.33.

C. The contract estimated value and all other terms and conditions remain unchanged.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton

16B. UNITED STATES OF AMERICA
Signature on File

09/29/2017 (Signature of Contracting Officer)
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<thead>
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### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<th>5. PROJECT NO. (If applicable)</th>
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<th>7. ADMINISTERED BY (If other than Item 6)</th>
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<td>Savannah SC 29802</td>
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<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</th>
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<td>SAJJAN RIVER NUCLEAR SOLUTIONS LLC</td>
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<td>Attn: JOSEPH C. PONIATOWSKI</td>
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<tbody>
<tr>
<td>798861048</td>
<td>00901</td>
<td>01/10/2008</td>
</tr>
</tbody>
</table>

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended.

- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA

**Net Increase:** $6,780.99

### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- **CHECK ONE**
  - A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
  - B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
  - C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
  - D. OTHER (Specify type of modification and authority)

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION

- **A.** The purpose of this modification is to obligate funds to CLIN 0001, in accordance with SRNS FINPLAN No. 23 for FY 2017. Funds in the amount of $6,780.99 are hereby obligated to CLIN 0001, thereby increasing it from $8,468,222,578.16 to $8,468,229,359.15.

- **B.** As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,866,047,108.33 to $9,866,053,889.32.

- **C.** The contract estimated value and all other terms and conditions remain unchanged.

### 15. NAME AND TITLE OF SIGNER (Type or print)

- **Angela S. Morton**

<table>
<thead>
<tr>
<th>15B. CONTRACTOR/OFFEROR</th>
<th>15C. DATE SIGNED</th>
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<table>
<thead>
<tr>
<th>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</th>
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<td>Angela S. Morton</td>
</tr>
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<table>
<thead>
<tr>
<th>16B. UNITED STATES OF AMERICA</th>
<th>16C. DATE SIGNED</th>
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<tbody>
<tr>
<td>Signature on File</td>
<td>09/29/2017</td>
</tr>
</tbody>
</table>

### 16. IMPORTANT

- Is not, is required to sign this document and return copies to the issuing office.

### EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE DOCUMENT REFERENCED IN ITEM 9 A OR 10A, AS HERETOFORE CHANGED, REMAINS UNCHANGED AND IN FULL FORCE AND EFFECT.

### 17A. NAME AND TITLE OF SIGNER (Type or print)

### 18A. NAME AND TITLE OF SIGNER (Type or print)

### 18B. UNITED STATES OF AMERICA

### 18C. DATE SIGNED

---

STANDARD FORM 36 (REV. 10-83)

Previous edition unusable

NSN 7540-01-152-8070

Prescribed by GSA

FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $9,866,053,889.32 includes obligation of $6,780.99 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $6,780.99 for a cumulative total of $6,691,694.50 to-date for FY 2017.
Payment:
FOB: Destination

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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/ SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
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</table>
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase: $6,241,261.28

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 23 for FY 2017, as cited below:

1) Department of Defense $230,818.62
2) Department of Homeland Security $3,797,997.22
3) Executive Office of the President $36,893.20
4) Other $2,175,552.24

The total amount obligated is $6,241,261.28 thereby increasing it from $8,468,229,359.15 to $8,474,470,620.43.

15A. NAME AND TITLE OF CONTRACT OR/OFFEROR

Angela S. Morton

15C. DATE SIGNED

09/29/2017

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Signature on File

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

09/29/2017
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,866,053,889.32 to $9,872,295,150.60.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
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<th>4. REQUISITION/PURCHASE REQ. NO.</th>
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<tr>
<td>Attn: JOSEPH C. PONIATOWSKI</td>
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<tr>
<td>203 LAURENS ST SW</td>
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<tr>
<td>AIKEN SC 29801</td>
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11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate seven (7) contract work authorizations reference Fiscal Year 2017 SRNS Financial Plan Number 22. Accordingly the following applies:

1) SL-410003-17, Rev 0 Solar Energy (See Attachment 1-A)
2) ISER-410003-17, Rev 0 Large Power Transformers (Agreement #33605) (See Attachment 1-B)
3) SFWD-17, Rev 8 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-C)
4) SFWD-17, Rev 9 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-D)
5) RD-410003-17, Rev 2 Advanced Grid Research and Development (See Attachment 1-E)
6) HQTD1002-17, Rev 5 Tank Waste Mercury Treatment for Savannah River (Tank Waste Technetium Management) (See Attachment 1-F)

Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

10/16/2017

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

NSN 7540-01-152-8070

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Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 22 for FY 2017.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

CODE 798861048 FACILITY CODE
01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☑ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

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See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

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<th>CHECK ONE</th>
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<td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
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<td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
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<td>X DEAR 970.5232-4 Obligation of Funds (2000)</td>
</tr>
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</table>

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 24 for FY 2018. Funds in the amount of $171,467,429.68 are hereby obligated to CLIN 0001, thereby increasing it from $8,474,470,620.43 to $8,645,938,050.11.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $9,872,295,150.60 to $10,043,762,580.28.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

10/19/2017

(Stamp of person authorized to sign)
(Stamp of Contracting Officer)

STANDARD FORM 30 (REV. 10-83)
Prepared by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
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SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

FA LURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

The changes set forth in Item 14 are made in the contract order no. as described in item 14.

Funds in the amount of $10,776.23 are hereby obligated to CLIN 001, thereby increasing it from $8,645,938,050.11 to $8,645,948,826.34.

As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,043,762,580.28 to $10,043,773,356.51.

C. The contract estimated value and all other terms and conditions remain unchanged.

The purpose of this modification is to obligate funds to CLIN 001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 24 for FY 2018. Funds in the amount of $10,776.23 are hereby obligated to CLIN 001, thereby increasing it from $8,645,938,050.11 to $8,645,948,826.34.

As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,043,762,580.28 to $10,043,773,356.51.

Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
STANDARD FORM 30 (REV. 10-83)
Purchased by GSA
FAR (48 CFR) 53.243

Prescribed by GSA

Exhibit Title: "Amendment of Solicitation/Modification of Contract"

NSN 7540-01-152-8070

Previous edition unusable

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

Signature on File

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

10/19/2017
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<th>UNIT (D)</th>
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NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,043,773,356.51 includes obligation of $10,776.23 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $10,776.23 for a cumulative total of $10,776.23 to-date for FY 2018.

Payment:

FOB: Destination
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers
☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase: $10,776.23

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority) X

DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 24 for FY 2018. Funds in the amount of $10,776.23 are hereby obligated to CLIN 0001, thereby increasing it from $8,645,938,050.11 to $8,645,948,826.34.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,043,762,580.28 to $10,043,773,356.51.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

10/19/2017

(Signature of person authorized to sign) (Signature of Contracting Officer)
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,043,773,356.51 includes obligation of $10,776.23 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $10,776.23 for a cumulative total of $10,776.23 to-date for FY 2018.

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**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**

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☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

**E. IMPORTANT**
Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION** (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to revise Section H-38 RESPONSIBLE CORPORATE OFFICIAL.

A.1 The Responsible Corporate Official is changed as follows:

**FROM:**

Name: Bruce Stanski
Position: President
Company: Fluor Federal Services, Inc.

**Continued...**

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**

Angela S. Morton

**15B. CONTRACTOR/OFFEROR**

Fluor Federal Services, Inc.

**15C. DATE SIGNED**

11/02/2017

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

Angela S. Morton

**16B. UNITED STATES OF AMERICA**

Signature on File

**16C. DATE SIGNED**

11/02/2017
<table>
<thead>
<tr>
<th>ITEM NO (A)</th>
<th>SUPPLIERS/ SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
</tr>
</thead>
</table>

TO:

Name:  Thomas D’Agostino  
Position: President  
Company:  Fluor Federal Services, Inc.

B. All other terms and conditions remain unchanged.
Payment:
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 25 for FY 2018. Funds in the amount of $2,280,635.04 are hereby obligated to CLIN 0001, thereby increasing it from $8,645,948,826.34 to $8,648,229,461.38.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,043,773,356.51 to $10,046,053,991.55.

C. The contract estimated value and all other terms and conditions remain unchanged.

Net Increase: $2,280,635.04
<table>
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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
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<td>FOB: Destination</td>
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</tbody>
</table>
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE: See Block 16C

2. AMENDMENT/MODIFICATION NO.: 0738

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: 18EM003390

5. PROJECT NO. (If applicable): See Block 16C

6. ISSUED BY: Savannah River Operations

7. ADMINISTERED BY (If other than Item 6): Code 00901

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code): SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

9. AMENDMENT OF SOLICITATION NO.: See Block 16C

10. MODIFICATION OF CONTRACT/ORDER NO.: DE-AC09-08SR22470

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required): Net Increase: $17,687.91

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 25 for FY 2018. Funds in the amount of $17,687.91 are hereby obligated to CLIN 0001, thereby increasing it from $8,648,229,461.38 to $8,648,247,149.29.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,046,053,991.55 to $10,046,071,679.46.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as hereforeto change, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

Signature on File

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

11/16/2017

STANDARD FORM 30 (REV. 10-83)

Prepared by GSA

NSN 7540-01-152-8070

NSN 7540-01-152-8070

Previous edition unusable

FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,046,071,679.46 includes obligation of $17,687.91 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $17,687.91 for a cumulative total of $28,464.14 to-date for FY 2018.

Payment:

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0739
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO. 18EM003390
5. PROJECT NO. (If applicable)

8. ISSUED BY 
CODE 0901

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

6. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
Aiken SC 29801

7. ADMINISTERED BY (If other than Item 6) 
CODE

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
Aiken SC 29801

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FA ULCIME OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $1,789,903.89

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 25 for FY 2018, as cited below:

1) Department of Defense $275,000.00
2) Department of Justice -$9,367.95
3) Executive Office of the President $24,271.84
4) Other $1,500,000.00

The total amount obligated is $1,789,903.89 thereby increasing it from $8,648,247,149.29 to $8,650,037,053.18.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) 
Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA
Signature on File

16C. DATE SIGNED
11/16/2017
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,046,071,679.46 to $10,047,861,583.35.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
### Transaction Information
- **Award Type:** Definitive Contract
- **Prepared Date:** 01/10/2018 11:14:51
- **Prepared User:** CYNTIADENHAM@DOE.GOV
- **Award Status:** Draft
- **Last Modified Date:** 01/10/2018 11:16:02
- **Last Modified User:** CYNTIADENHAM@DOE.GOV
- **Closed Status:** No
- **Closed Status Date:**
- **Closed By:**

### Document Information
- **Agency Procurement Identifier:** 8900
- **Modification No:** 475
- **Trans No:** 0
- **Referenced IDV ID:** 
- **Reason For Modification:** OTHER
- **Solicitation ID:** 

#### Treasury Account Symbol
- **Main Identifier Account Account:** 
- **Sub Identifier Account Account:** 

#### Dates and Amounts
- **Date Signed:** 01/10/2018
- **Effective Date:** 01/10/2018
- **Completion Date:** 05/31/2018
- **Est. Ultimate Completion Date:** 05/31/2018
- **Action Obligation:** $4,221,206,942.04
- **Base And Exercised Options Value:** $4,433,854,572.58
- **Base and All Options Value (Total Contract Value):** $4,559,424,572.54
- **Previous:** $0.00
- **Current:** $0.00
- **Total:** $4,221,206,942.04

### Purchaser Information
- **Contracting Office Agency ID:** 8900
- **Contracting Office Agency Name:** ENERGY, DEPARTMENT OF
- **Contracting Office ID:** 893037
- **Contracting Office Name:** SAVANNAH RIVER OPERATIONS OFFICE
- **Funding Agency ID:** 8900
- **Funding Agency Name:** ENERGY, DEPARTMENT OF
- **Funding Office ID:** 893007
- **Funding Office Name:** ENVIRONMENTAL MANAGEMENT
- **Foreign Funding:** Not Applicable

### Contractor Information
- **SAM Exception:** 
- **DUNS No:** 808376193
- **Vendor Name:** SAVANNAH RIVER REMEDIATION LLC
- **DBAN:** 
- **Cage Code:** 4XQS6
- **Street:** 106 NEWBERRY ST SW
- **City:** AIKEN
- **State:** SC
- **Zip:** 298013852
- **Country:** UNITED STATES
- **Phone:** (216) 523-2029
- **Fax No:** (216) 523-5271
- **Congressional District:** SOUTH CAROLINA 02

### Business Category
- **Organization Type:** OTHER
- **Number of Employees:** 55000
- **State of Incorporation:** 
- **Country of Incorporation:** 
- **Annual Revenue:** $8,800,000,000

### Contract Data
- **Type of Contract:** Cost Plus Award Fee
- **Inherently Governmental Functions:**
- **Multiyear Contract:** Yes
- **Major Program:** 
- **National Interest Action:** None
- **Cost Or Pricing Data:**
- **Purchase Card Used As Payment Method:**
- **Undefinitized Action:**
- **Performance Based Service Acquisition:**

---

* FY 2004 and prior; 80% or more specified as performance requirement
* FY 2005 and later; 50% or more specified as performance requirement
**Contingency Humanitarian Peacekeeping Operation:** Not Applicable

**Contract Financing:** Select One

**Cost Accounting Standards Clause:** Yes - CAS clause included

**Consolidated Contract:** No

**Number Of Actions:** 1

**Legislative Mandates**

- **Clinger-Cohen Act:** No
- **Labor Standards:** Yes
- **Materials, Supplies, Articles, and Equip.:** Yes
- **Construction Wage Rate Requirements:** Select One or More Options
  - Service Contract Inventory
  - None of the Above

**Additional Reporting:**

- **Interagency Contracting Authority:** Not Applicable
- **Other Interagency Contracting Statutory Authority:**

**Principal Place of Performance**

- **Principal Place Of Performance Code:**
  - State Location Country
  - SC  USA

**Product Or Service Information**

- **Product/Service Code:** M294
  - Description: OPER OF GOVT WASTE TRMT-STORE FAC
- **Principal NAICS Code:** 562211
  - Description: HAZARDOUS WASTE TREATMENT AND DISPOSA
- **Bundled Contract:** Not a bundled requirement
- **DOD Acquisition Program:**
- **Country of Product or Service Origin:** USA UNITED STATES
- **Place of Manufacture:** Not a manufactured end product
- **Domestic or Foreign Entity:** U.S. Owned Business
- **Recovered Materials/Sustainability:**
  - FAR 52.223-4 and FAR 52.223-9 Included
  - OMB Policy on Sustainable Acquisition
- **InfoTech Commercial Item Category:**
- **Claimant Program Code:**
  - Description:
- **Sea Transportation:**
- **GFP Provided Under This Action:** Transaction does not use GFP
- **Use Of EPA Designated Products:** Meets Requirements

**Description Of Requirement:**

The purpose of this modification is to update the Contracting Officer's Representatives List in the contract.

**Competition Information**

- **Extant Competed For Referenced IDV:**
- **Extent Competed:**
  - Full and Open Competition
  - Negotiated Proposal/Quote
- **IDV Type Of Set Aside:**
  - No set aside used.
  - No Preference used
- **Type Of Set Aside Source:**
- **Evaluated Preference:**
  - Select One
- **SBIR/STTR:**
- **Fair Opportunity/Limited Sources:**
- **Other Than Full And Open Competition:**
- **Local Area Set Aside:**
  - No
  - No
- **FedBizOpps:**
  - No
- **A76 Action:**
- **Commercial Item Acquisition Procedures:**
  - Commercial Item Procedures not used
- **IDV Number Of Offers:**
- **Number Of Offers Received:** 2
- **Small Business Competitiveness Demonstration Program:**
  - No
- **Simplified Procedures for Certain Commercial Items:**
  - Preference Programs / Other Data
| Contracting Officer's Business Size Selection: | Other than Small Business ✓ |
| Subcontract Plan: | Plan Required - Incentive Included ✓ |
| Price Evaluation Percent Difference: | 0 % |
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0741
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO. 
5. PROJECT NO. (If applicable) 

8. ISSUED BY CODE 00901
Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

1A. AMENDMENT OF SOLICITATION NO. 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

1B. DATED (SEE ITEM 11) 10B. DATED (SEE ITEM 19) 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted ; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted , such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X

DEAR 970.5243-1 Changes (DEC 2000)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to modify the existing clause under Part I – The Schedule, Section H – Special Contract Requirements H-14, in accordance to guidelines provided by Department of Energy, Office of Environmental Management, reference Acquisition Letter No. AL-2018-02, dated October 17, 2017. Accordingly, Special Contract Requirements Clause H.14, Employee Compensation: Pay and Benefits is hereby revised and restated, see attached hereto, pages 2 through 12.

B. The contract estimated value and all other terms and conditions remain unchanged.
Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Angela S. Morton
15A. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA
Signature on File

15C. DATE SIGNED 16C. DATE SIGNED 12/14/2017
(Signature of person authorized to sign) (Signature of Contracting Officer)

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070 Previous edition unusable
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 26 for FY 2018. Funds in the amount of $37,732,379.85 are hereby obligated to CLIN 0001, thereby increasing it from $8,650,037,053.18 to $8,687,769,433.03.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,047,861,583.35 to $10,085,593,963.20.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

<table>
<thead>
<tr>
<th>1. CONTRACT D CODE</th>
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<th>7. ADMINISTERED BY (If other than Item 6)</th>
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SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

SAVANNAH RIVER Operations
U.S. Department of Energy
SAVANNAH RIVER Operations
P.O. Box A
Aiken SC 29802

CODE 798861048 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

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<td></td>
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See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

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☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☐ X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 26 for FY 2018. Funds in the amount of $37,732,379.85 are hereby obligated to CLIN 0001, thereby increasing it from $8,650,037,053.18 to $8,687,769,433.03.

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C. The contract estimated value and all other terms and conditions remain unchanged.

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<tr>
<td></td>
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<td>Sylvia C. Maroney</td>
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<td>(Signature of person authorized to sign)</td>
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16C. DATE SIGNED

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(Signature of Contracting Officer)

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
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NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0742

continuation sheet

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

DE-AC09-08SR22470/0742

CONTINUATION SHEET

CREDIT CARD

PAYMENT: FOB: Destination

OPTIONAL FORM 336 (4-86)
Sponsored by GSA
FAR (48 CFR) 53.110
DE-AC09-08SR22470

copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

See Schedule 798861048

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 26 for FY 2018. Funds in the amount of $11,895.97 are hereby deobligated from CLIN 0001, thereby decreasing it from $8,687,769,433.03 to $8,687,757,537.06.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,085,593,963.20 to $10,085,582,067.23.

C. The contract estimated value and all other terms and conditions remain unchanged.

Net Decrease: -$11,895.97

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. OTHER (Specify type of modification and authority)

DEAR 970.5232-4 Obligation of Funds (2000)

Sylvia C. Maroney

STANDARD FORM 30 (REV. 10-83)

Previous edition unusable

NSN 7540-01-152-8070

15A. NAME AND TITLE OF SIGNER (Type or print)
Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED
12/19/2017
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,085,582,067.23 includes a deobligation of $11,895.97 of Non-Appropriated funds. The total amount of Non-Appropriated funds is decreased by $11,895.97 for a cumulative total of $16,568.17 to-date for FY 2018.

Payment:
FOB: Destination
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

CODE 798861048 FACILITY CODE
00901

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase: $426,150.60

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 26 for FY 2018, as cited below:

1) Department of Defense $196,163.61
2) National Aeronautics and Space Administration $9,708.74
3) Other $220,278.25

The total amount obligated is $426,150.60 thereby increasing it from $8,687,757,537.06 to $8,688,183,687.66.

Continued ...
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,085,582,067.23 to $10,086,008,217.83.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0745
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO.
5. PROJECT NO. (If applicable)
6. ISSUED BY
   CODE
   Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802
7. ADMINISTERED BY (If other than Item 6)
   CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
   SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
   Attn: JOSEPH C. PONIATOWSKI
   203 LAURENS ST SW
   AIKEN SC 29801
9. AMENDMENT OF SOLICITATION NO.
   10. MODIFICATION OF CONTRACT/ORDER NO.
      DE-AC09-08SR22470
   11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
      ✔ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is not extended. ☐ is extended ☐ is not extended.
      Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.
12. ACCOUNTING AND APPROPRIATION DATA (If required)
   See Schedule
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
   □ ✔ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
   ☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
   ☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: ☐ ☐ ☐
   ☑ D. OTHER (Specify type of modification and authority)
      Section I, DEAR 970.5211-1 Work Authorization (May 2007)
   E. IMPORTANT Contractor ☐ is not, ☑ is required to sign this document and return ☐ copies to the issuing office.
   14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
   A. The purpose of this modification is to incorporate seven (7) contract work authorizations reference Fiscal Year 2018 SRNS Financial Plan Number 26. Accordingly, the following applies:
   1) 410003-TS-18, Rev 1 Program Support (See Attachment 1-A)
   2) HI-410003-18, Rev 1 Fuel Cell Technologies Office (See Attachment 1-B)
   3) IPA-410003-18, Rev 0 Technical Assistance Intergovernmental Personnel Assignment (IPA) on DNFSB for Safety (See Attachment 1-C)
   4) SFWD-18, Rev 1 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-D)
   5) SFWD-18, Rev 2 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-E)
   6) SFWD-18, Rev 3 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-F)
   Continued ...
   15A. NAME AND TITLE OF SIGNER (Type or print)
      Angela S. Morton
      (Signature of person authorized to sign)
   15B. CONTRACTOR/OFFEROR
   15C. DATE SIGNED 02/01/2018
   16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
   16B. UNITED STATES OF AMERICA
   16C. DATE SIGNED
   Signature on File
7) 410003-TS-18A, Rev 0 Program Support (See Attachment 1-G)

Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 26 for FY 2018.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

Payment:
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<td>00901</td>
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8. NAME AND ADDRESS OF CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
Aiken SC 29801

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

CODE 798861048

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Decrease: -2,096.34

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

☐ Contractor ☐ is not, ☐ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 27 for FY 2018. Funds in the amount of $2,096.34 are hereby deobligated from CLIN 0001, thereby decreasing it from $8,688,183,687.66 to $8,688,181,591.32.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,086,008,217.83 to $10,086,006,121.49.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...
**SAVANNAH RIVER NUCLEAR SOLUTIONS LLC**

**ITEM NO.** | **SUPPLIES/SERVICES** | **QUANTITY** | **UNIT** | **UNIT PRICE** | **AMOUNT**  
--- | --- | --- | --- | --- | ---  
1 | Payment: FOB: Destination | | | |
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 28 for FY 2018. Funds in the amount of $73,114,419.56 are hereby obligated to CLIN 0001, thereby increasing it from $8,688,181,591.32 to $8,761,296,010.88.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,086,006,121.49 to $10,159,120,541.05.

C. The contract estimated value and all other terms and conditions remain unchanged.
<table>
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<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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Payment:

FOB: Destination
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is extended ☐ is not extended.

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12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Decrease: $73,114,419.56

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority) DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 28 for FY 2018. Funds in the amount of $73,114,419.56 are hereby deobligated from CLIN 0001, thereby decreasing it from $8,761,296,010.88 to $8,688,181,591.32.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,159,120,541.05 to $10,086,006,121.49.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Sylvia C. Maroney

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

01/22/2018

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Sylvia C. Maroney

16B. UNITED STATES OF AMERICA

Signature on File

01/22/2018

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA
FAR (48 CFR) 53.243
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<th>SUPPLIES/SERVICES (B)</th>
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**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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6. ISSUED BY

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7. ADMINISTERED BY (If other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

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9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X DEAR 970.5243-1 Changes (DEC 2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to correct the SRNS FINPLAN No. cited on Modification 0748. The SRNS FINPLAN No. is corrected to read 29 instead of 28.

B. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA

Signature on File

15C. DATE SIGNED

16C. DATE SIGNED

01/25/2018

(Signature and Title of person authorized to sign) (Signature of Contracting Officer)
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

CODE 798861048 FACILITY CODE 01/10/2008

11. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase: $78,183,688.56

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

☐ Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 30 for FY 2018. Funds in the amount of $78,183,688.56 are hereby obligated to CLIN 0001, thereby increasing it from $8,688,181,591.32 to $8,766,365,279.88.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,086,006,121.49 to $10,164,189,810.05.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...
<table>
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<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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Payment:

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO. 0751

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 18EM003841

5. PROJECT NO. (If applicable)

6. ISSUED BY

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (If other than item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

FA LURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

10B. DATED (SEE ITEM 11)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Decrease: -$99,694.74

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)

THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X DEAR 970.5232-4 Obligation of Funds (2000)

D. OTHER (Specify type of modification and authority)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 30 for FY 2018. Funds in the amount of $99,694.74 are hereby deobligated from CLIN 0001, thereby decreasing it from $8,766,365,279.88 to $8,766,265,585.14.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,164,189,810.05 to $10,164,090,115.31.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

01/30/2018

(Signature of person authorized to sign) (Signature of Contracting Officer)

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition unusable
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,164,090,115.31 includes a deobligation of $99,694.74 of Non-Appropriated funds. The total amount of Non-Appropriated funds is decreased by $99,694.74 for a cumulative total of -$83,126.57 to-date for FY 2018.

Payment:
FOB: Destination
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA

See Schedule

Net Increase: $3,474,125.57

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X D. OTHER (Specify type of modification and authority)

DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

Contractor ☐ is not, ☐ is required to sign this document and return __________________ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 30 for FY 2018, as cited below:

1) Department of Defense $242,602.28
2) Department of Energy $5,403.43
3) Department of Homeland Security $102,671.23
4) Department of Justice $4,031.83
5) Department of the Army $2,762,000.00
6) Department of the Interior $980.53
7) Department of the Navy $45,058.04

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

01/30/2018

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

01/30/2018
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<td>Executive Office of the President $73,025.81</td>
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<td>Other $464,526.46</td>
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The total amount obligated is $3,474,125.57 thereby increasing it from $8,766,265,585.14 to $8,769,739,710.71.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,164,090,115.31 to $10,167,564,240.88.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

SAVANNAH RIVER Operations
U.S. Department of Energy
SAVANNAH RIVER Operations
P.O. Box A
Aiken SC 29802

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

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C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate seventeen (17) contract work authorizations reference Fiscal Year 2018 SRNS Financial Plan Number 30. Accordingly, the following applies:

1) 410003-TS-18, Rev 2 Program Support (See Attachment 1-A)
2) NTRD/00/18/SR/36-18, Rev 1 Nuclear Technology Research and Development (See Attachment 1-B)
3) ET18014-18, Rev 2 Energy and Threat (See Attachment 1-C)
4) ET18027-18, Rev 1 Energy and Threat (See Attachment 1-D)
5) ET18040-18, Rev 1 Energy and Threat (See Attachment 1-E)
6) HQTD1002-18, Rev 0 Tank Waste Technetium Management (See Attachment 1-F)

Continued ...

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

02/22/2018

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA
FAR (48 CFR) 53.243
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<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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<td>7) HQ091801-18, Rev 0 Science of Safety Robotics and SME Technical Support (See Attachment 1-G)</td>
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<td>8) SFWD-18, Rev 4 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-H)</td>
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<td>9) ORP00140411445-18, Rev 0 Subcontractor Support (SRNL) to Chief Technology Office (See Attachment 1-I)</td>
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<td>10) ORP0014-0411446-18, Rev 0 DFLAW Corrosion Control Model Development (See Attachment 1-J)</td>
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<td>11) ORP0014-0411447-18, Rev 0 Tank Integrity Expert Panel Electrochemistry Lead FY18 (See Attachment 1-K)</td>
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<td>12) ORP0014-0411448-18, Rev 0 Tank Chemistry and Analysis FY18 (See Attachment 1-L)</td>
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<td>13) ORP0014-0411449-18, Rev 0 SRNL Integrated Disposal Facility Performance Assessment Review Support (See Attachment 1-M)</td>
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<td>14) ORP0014-0411450-18, Rev 0 Subcontractor Support (SRNL) to TSCR Project Technology Maturation Program (See Attachment 1-N)</td>
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<td>15) ORP0014-0411451-18, Rev 0 Tank Waste Disposition Integrated Flowsheet Support (See Attachment 1-O)</td>
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<td>17) ORP0014-0411454-18, Rev 0 Tank Integrity Expert Panel Material Science Expert FY18 (See Attachment 1-Q)</td>
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<td>Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 30 for FY 2018.</td>
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B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

Payment:
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<td>Savannah River Operations</td>
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<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</th>
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<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
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<td>Attn: JOSEPH C. PONIATOWSKI</td>
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<tr>
<td>203 LAURENS ST SW</td>
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**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.
- If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

Net Increase: $48,004,964.10

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 31 for FY 2018. Funds in the amount of $48,004,964.10 are hereby obligated to CLIN 0001, thereby increasing it from $8,769,739,710.71 to $8,817,744,674.81.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,167,564,240.88 to $10,215,569,204.98.

C. The contract estimated value and all other terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

**15A. NAME AND TITLE OF CONTRACT OFFICER (Type or print)**

Sylvia C. Maroney

**15B. CONTRACTOR/OFFEROR**

__ signature __

**15C. DATE SIGNED**

02/05/2018

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

Sylvia C. Maroney

**16B. UNITED STATES OF AMERICA**

Signature on File

**16C. DATE SIGNED**

02/05/2018
Payment:
FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

**1. CONTRACT D CODE**

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**3. EFFECTIVE DATE**

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**4. REQUISITION/PURCHASE REQ. NO.**

**5. PROJECT NO. (If applicable)**

**6. ISSUED BY**

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**7. ADMINISTERED BY (If other than item 6) CODE**

**8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)**

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<th>8. NAME AND ADDRESS OF CONTRACTOR</th>
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<td>203 LAURENS ST SW</td>
</tr>
<tr>
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<td>AIKEN SC 29801</td>
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</table>

**9. AMENDMENT OF SOLICITATION NO.**

<table>
<thead>
<tr>
<th>9A. AMENDMENT OF SOLICITATION NO.</th>
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</table>

**10. MODIFICATION OF CONTRACT/ORDER NO.**

<table>
<thead>
<tr>
<th>10A. MODIFICATION OF CONTRACT/ORDER NO.</th>
<th>10B. DATED (SEE ITEM 11)</th>
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<tbody>
<tr>
<td>DE-AC09-08SR22470</td>
<td>01/10/2008</td>
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</table>

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

<table>
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<th>12. ACCOUNTING AND APPROPRIATION DATA</th>
<th>Net Decrease:</th>
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<tbody>
<tr>
<td>See Schedule</td>
<td>-$95,161.50</td>
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</table>

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ OTHER (Specify type of modification and authority)

☐ DEAR 970.5232-4 Obligation of Funds (2000)

**E. IMPORTANT**

☐ Contractor ☐ is not, ☐ is required to sign this document and return 1 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 31 for FY 2018. Funds in the amount of $95,161.50 are hereby deobligated from CLIN 0001, thereby decreasing it from $8,817,744,674.81 to $8,817,649,513.31.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,215,569,204.98 to $10,215,474,043.48.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

**15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

<table>
<thead>
<tr>
<th>15A. NAME AND TITLE OF CONTRACTING OFFICER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angela S. Morton</td>
</tr>
</tbody>
</table>

**15B. CONTRACTOR/OFFEROR**

<table>
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<tr>
<td>(Signature of person authorized to sign)</td>
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**15C. DATE SIGNED**

<table>
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<tr>
<th>15C. DATE SIGNED</th>
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<tr>
<td>02/06/2018</td>
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**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

<table>
<thead>
<tr>
<th>16A. NAME AND TITLE OF CONTRACTING OFFICER</th>
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<td>Signature on File</td>
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**16B. UNITED STATES OF AMERICA**

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<tr>
<th>16B. UNITED STATES OF AMERICA</th>
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<tbody>
<tr>
<td>Standard Form 30 (Rev. 10-83)</td>
</tr>
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Previous edition unusable
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,215,474,043.48 includes a deobligation of $95,161.50 of Non-Appropriated funds. The total amount of Non-Appropriated funds is decreased by $95,161.50 for a cumulative total of -$178,288.07 to-date for FY 2018.

Payment:

FOB: Destination
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is __________. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

B. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 31 for FY 2018, as cited below:

1) Department of Defense $1,338,000.00
2) Department of Homeland Security $1,408,000.00
3) Department of Air Force $60,000.00
4) Department of the Army $201,000.00

The total amount obligated is $3,007,000.00 thereby increasing it from $8,817,649,513.31 to $8,820,656,513.31.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15C. DATE SIGNED
02/06/2018

16C. DATE SIGNED
02/06/2018
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,215,474,043.48 to $10,218,481,043.48.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

OR for Savannah River
U.S. Department of Energy
Oak Ridge Financial Service Center
P.O. Box 6017
Oak Ridge TN 37831

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE
2. AMENDMENT/MODIFICATION NO. 0757
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO. 18EM003983
5. PROJECT NO. (If applicable) 

6. ISSUED BY
   CODE 00901
   SAVANNAH RIVER OPERATIONS
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

7. ADMINISTERED BY (If other than item 6)
   CODE 

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.
10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470
10B. DATED (SEE ITEM 11) 01/10/2008

This item apply to amendments of solicitations

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $4,291,133.95

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X DEAR 970.5232-4 Obligation of Funds (2000)

D. OTHER (Specify type of modification and authority)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 32 for FY 2018. Funds in the amount of $4,291,133.95 are hereby obligated to CLIN 0001, thereby increasing it from $8,820,656,513.31 to $8,824,947,647.26.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,218,481,043.48 to $10,222,772,177.43.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

E. IMPORTANT

14A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

Signature on File

02/08/2018

(Signature of person authorized to sign) (Signature of Contracting Officer)

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

Previous edition unusable
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<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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Payment:

FOB: Destination
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $117,602,898.51

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X DEAR 970.5232-4 Obligation of Funds (2000)

D. OTHER (Specify type of modification and authority)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 33 for FY 2018. Funds in the amount of $117,602,898.51 are hereby obligated to CLIN 0001, thereby increasing it from $8,824,947,647.26 to $8,942,550,545.77.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,222,772,177.43 to $10,340,375,075.94.

C. The contract estimated value and all other terms and conditions remain unchanged.

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<tr>
<th>ITEM NO.</th>
<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
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Payment:

FOB: Destination
DE-AC09-08SR22470

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[292x574]x
[0x0]

copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing terms 8 and 15, and returning ________ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule
Net Increase: $200,055.84

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X D. OTHER (Specify type of modification and authority)

DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT
Contractor ☐ is not, ☑ is required to sign this document and return __________ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 33 for FY 2018, as cited below:

1) Department of Defense $30,000.00
2) Department of Justice $145,784.00
3) Executive Office of the President $24,271.84

The total amount obligated is $200,055.84 thereby increasing it from $8,942,550,545.77 to $8,942,750,601.61.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton

16C. DATE SIGNED
02/23/2018
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,340,375,075.94 to $10,340,575,131.78.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
X 14. DESCRIPTION OF AMENDMENT/MODIFICATION

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 33 for FY 2018. Funds in the amount of $56,677.47 are hereby deobligated from CLIN 0001, thereby decreasing it from $8,942,750,601.61 to $8,942,693,924.14.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,340,575,131.78 to $10,340,518,454.31.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

02/26/2018
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<th>AMOUNT</th>
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NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,340,518,454.31 includes a deobligation of $56,677.47 of Non-Appropriated funds. The total amount of Non-Appropriated funds is decreased by $56,677.47 for a cumulative total of -$234,965.54 to-date for FY 2018.

Payment:
FOB: Destination
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT

☐ Contractor is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate five (5) contract work authorizations reference Fiscal Year 2018 SRNS Financial Plan Number 31. Accordingly, the following applies:

1) ET18014-18, Rev 3 Energy and Threat (See Attachment 1-A)
2) ET18027-18, Rev 2 Energy and Threat (See Attachment 1-B)
3) ET18040-18, Rev 2 Energy and Threat (See Attachment 1-C)
4) SL-410003-18, Rev 0 Solar Energy (See Attachment 1-D)
5) NTRD/00/18/SR/36-18, Rev 2 Nuclear Technology Research and Development (See Attachment 1-E)

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15C. DATE SIGNED

02/28/2018

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

02/28/2018

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 31 for FY 2018.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

Payment:
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: [Specify authority] The changes set forth in Item 14 are made in the contract order no. in Item 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: [Specify type of modification and authority]

☐ X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate two (2) contract work authorizations reference Fiscal Year 2018 SRNS Financial Plan Number 32. Accordingly, the following applies:

1) SR091701-18, Rev 0 In Situ Decommissioning Technology Development and Demonstration (See Attachment 1-A)
2) HQ1001-0-SR-18, Rev 1 Energy Employees Occupational Illness Compensation Program (EEOICPA) Demonstration (See Attachment 1-B)

Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 32 for FY 2018.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

03/05/2018

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

03/05/2018

STANDARD FORM 30 (REV. 10-83)

Previous edition unusable

NSN 7540-01-152-8070
B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

Payment:
### Amendment of Solicitation/Modification of Contract

1. **Contract D Code**: 1234567890

2. **Amendment/Modification No.**: 0763

3. **Effective Date**: See Block 16C

4. **Requisition/Purchase Req. No.**: 00901

5. **Project No. (If applicable)**: 00901

6. **Issued By Code**: 0763

7. **Administered By (If other than Item 6)**: 00901

8. **Name and Address of Contractor (No., street, county, State and ZIP Code)**: Savannah River Operations

   U.S. Department of Energy

   Savannah River Operations

   P.O. Box A

   Aiken SC 29802

9. **Amendment of Solicitation No.**: [X]

   a. **Section I, DEAR 970.5211-1 Work Authorization (May 2007)**

10. **Modification of Contract/Order No.**: DE-AC09-08SR22470

11. **Dated (See Item 11)**: 01/10/2008

12. **Accounting and Appropriation Data (If required)**: See Schedule

13. **This Item Only Applies to Modification of Contracts/Orders. It modifies the Contract/Order No. as described in Item 14**.

   a. **Check One**

      - A. This change order is issued pursuant to: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

      - B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

      - C. This supplemental agreement is entered into pursuant to authority of:

      - X D. Other (Specify type of modification and authority)

      - Section I, DEAR 970.5211-1 Work Authorization (May 2007)

14. **Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible)**:

   A. The purpose of this modification is to incorporate nine (9) contract work authorizations reference Fiscal Year 2018 SRNS Financial Plan Number 33. Accordingly, the following applies:

   1) ET18014-18, Rev 4 Energy and Threat (See Attachment 1-A)

   2) ET18027-18, Rev 3 Energy and Threat (See Attachment 1-B)

   3) ET18040-18, Rev 3 Energy and Threat (See Attachment 1-C)

   4) HQTD1002-18, Rev 1 Tank Waste Technetium Management (See Attachment 1-D)

   5) HQTD1002-CBG-18, Rev 0 Concretes, Binders and Grout Technology for Nuclear Application (See Attachment 1-E)

   6) HQTD1002-TWM-18, Rev 0 Tank Waste Mercury Treatment Technology for Savannah River (See Attachment 1-F)

   Continued ...

15A. **Name and Title of Signer (Type or print)**: Angela S. Morton

15B. **Contractor/Offeror**: Savannah River Operations

15C. **Date Signed**: 03/15/2018

15D. **Signature on File**: Signature on File

16A. **Name and Title of Contracting Officer (Type or print)**: Joseph C. Poniatowski

16B. **United States of America**: 00901

16C. **Date Signed**: 03/15/2018

16D. **Signature of Contracting Officer**: Signature on File

---

**NSN 7540-01-152-8070**

Previous edition unusable

**STANDARD FORM 30 (REV. 10-83)**

Prescribed by GSA

FAR (48 CFR) 53.243
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Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 33 for FY 2018.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

C. This modification also corrects a clerical error on Modification 0762. Modification 0762 Block 14, Description of Amendment/Modification, item Number 2 is changed to read:

2) HQ1001-0-SR-18, Rev 1 Energy Employees Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-B)

D. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

DEAR 970.5232-4 Obligation of Funds (2000)

X

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 34 for FY 2018. Funds in the amount of $2,547,011.00 are hereby obligated to CLIN 0001, thereby increasing it from $8,942,693,924.14 to $8,945,240,935.14.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,340,518,454.31 to $10,343,065,465.31.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

Signature on File

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

03/21/2018
Payment:
FOB: Destination
This Item Only Applies to Modification of Solicitations

9A. Amendment of Solicitation No.

9B. Dated (See Item 11)

10A. Modification of Contract/Order No.

DE-AC09-08SR22470

10B. Dated (See Item 13)

11. This Item Only Applies to Modifications of Solicitations

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ☒ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If required)

Net Increase: $1,952,713.57

See Schedule

13. This Item Only Applies to Modification of Contracts/Orders. It Modifies the Contract/Order No. As Described in Item 14.

☐ A. This Change Order is Issued Pursuant To: (Specify authority) The Changes Set Forth in Item 14 Are Made in the Contract Order No. in Item 10A.

☐ B. The Above Numbered Contract/Order Is Modified to Reflect the Administrative Changes (such as changes in paying office, appropriation date, etc.) Set Forth in Item 14, Pursuant to the Authority of FAR 43.103(b).

☐ C. This Supplemental Agreement Is Entered Into Pursuant to Authority of:

☐ D. Other (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 34 for FY 2018, as cited below:

1) Department of Defense $103,830.29
2) Department of Homeland Security -$897.01
3) Department of the Air Force -$2,231.10
4) Executive Office of the President $46,817.78
5) Other $1,803,193.61

The total amount obligated is $1,952,713.57 thereby increasing it from $8,945,240,935.14 to

Continued ...
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,343,065,465.31 to $10,345,018,178.88.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination

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<tr>
<th>ITEM NO.</th>
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<th>QUANTITY</th>
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<td>$8,947,193,648.71.</td>
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SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
Aiken SC 29801

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
Aiken SC 29801

SAVANNAH RIVER OPERATIONS
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.

The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 34 for FY 2018.

Funds in the amount of $32,645.84 are hereby obligated to CLIN 0001, thereby increasing it from $8,947,193,648.71 to $8,947,226,294.55.

As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,345,018,178.88 to $10,345,050,824.72.
NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,345,050,824.72 includes an obligation of $32,645.84 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $32,645.84 for a cumulative total of -$202,319.70 to-date for FY 2018.

Payment:
FOB: Destination
THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER ( Specify type of modification and authority)

X  Section I, DEAR 970.5221-1 Work Authorization (May 2007)

E. IMPORTANT  Contractor    is not,  is required to sign this document and return    copies to the issuing office.

A. The purpose of this modification is to incorporate eight (8) contract work authorizations reference Fiscal Year 2018 SRNS Financial Plan Number 34. Accordingly, the following applies:

1) SR091701-18, Rev 2 In Situ Decommissioning Technology Development and Demonstration (See Attachment 1-A)
2) SR081701-18, Rev 0 Long Term Monitoring Strategy for F-Area Plume at SRS (See Attachment 1-B)
3) SR031102-18, Rev 1 Soil Water Assistance Team-SWAT-Soil and Ground Technical Assistance Team (See Attachment 1-C)
4) SL410003-18, Rev 1 Solar Energy (See Attachment 1-D)

Continued ...

A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15A. CONTRACT/ORDER NO.  0767

15C. DATE SIGNED  04/23/2018

15B. CONTRACTOR/OFFEROR  Savannah River Operations

15D. SIGNATURE OF CONTRACTING OFFICER  Signature on File

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16C. DATE SIGNED  04/23/2018
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<td>HQTD1002-TWM-18, Rev 1 Tank Waste Mercury Treatment Technology for Savannah River (See Attachment 1-F)</td>
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Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 34 for FY 2018.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

D. The contract estimated value and all other terms and conditions remain unchanged. Payment:
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

Net Increase: $238,560,841.15

The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 36 for FY 2018. Funds in the amount of $238,560,841.15 are hereby obligated to CLIN 0001, thereby increasing it from $8,947,226,294.55 to $9,185,787,135.70.

As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,345,050,824.72 to $10,583,611,665.87.

The contract estimated value and all other terms and conditions remain unchanged.
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**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT D\# CODE
2. AMENDMENT/MODIFICATION NO. 0769
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO. 18EM004628
5. PROJECT NO. (If applicable)

6. ISSUED BY
   - CODE 00901
   - Per Block 16C
   - Savannah River Operations
   - U.S. Department of Energy
   - Savannah River Operations
   - P.O. Box A
   - Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6)
   - CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
   - SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
   - Attn: JOSEPH C. PONIATOWSKI
   - 203 LAURENS ST SW
   - AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
   - DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing terms 8 and 15, and returning __ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

   Net Increase: $1,921,403.37

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

**CHECK ONE**

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 36 for FY 2018, as cited below:

1) Agency for International Development $87,378.64
2) Department of Commerce $19,417.48
3) Department of Defense -$18,730.77
4) Department of Army $8,338.02
5) Department of Treasury $25,000.00
6) Other $1,800,000.00

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA

15C. DATE SIGNED 04/26/2018

16C. DATE SIGNED Signature on File

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition unusable
The total amount obligated is $1,921,403.37 thereby increasing it from $9,185,787,135.70 to $9,187,708,539.07.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,583,611,665.87 to $10,585,533,069.24.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.  
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

9B. DATED (SEE ITEM 11)  
01/10/2008

10A. MODIFICATION OF CONTRACT/ORDER NO.  
DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)  
01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS:  
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

Net Decrease: -$25,741.41

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 36 for FY 2018. Funds in the amount of $25,741.41 are hereby deobligated from CLIN 0001, thereby decreasing it from $9,187,709,539.07 to $9,187,682,797.66.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,585,533,069.24 to $10,585,507,327.83.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)  
Angela S. Morton

15B. CONTRACTOR/OFFEROR  
NSN 7540-01-152-8570
Previous edition unusable

15C. DATE SIGNED  
04/26/2018

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  

16B. UNITED STATES OF AMERICA  
Signature on File

16C. DATE SIGNED  
04/26/2018

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
DE-AC09-08SR22470

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
203 LAURENS ST SW
AIKEN SC 29801

This change order is issued pursuant to: [Specify authority]

The changes set forth in Item 14 are made in the contract order no. in Item 10A.

The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in Item 14, pursuant to the authority of FAR 43.103(b).

A. The purpose of this modification is to incorporate eight (8) contract work authorizations reference Fiscal Year 2018 SRNS Financial Plan Number 36. Accordingly, the following applies:

1) ET18027-18, Rev 4 Energy and Threat (See Attachment 1-A)
2) ET18014-18, Rev 5 Energy and Threat (See Attachment 1-B)
3) ET18040-18, Rev 4 Energy and Threat (See Attachment 1-C)
4) 410003-TS-18A, Rev 2 Program Support (See Attachment 1-D)
5) HQTD1005-18, Rev 0 Radioactive Glass Waste Form Studies (See Attachment 1-E)
6) NTRD/00/18/SR/36-18, Rev 4 Nuclear Technology Research and Development (See Attachment 1-F)

Continued...

Angela S. Morton

15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

15D. UNITED STATES OF AMERICA

Signature on File

05/29/2018

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

05/29/2018

STANDARD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070

Previous edition unusable

FAR (48 CFR) 53.243

Prescribed by GSA
7) SGQ9982-18, Rev 0 Model 9982 Optimized for Small Gram Quantity SGQ (See Attachment 1-G)
8) 13/CJ000/12/01-18, Rev 2 Savannah River National Laboratory (SRNL) Reviewers for ARPA-E (See Attachment 1-H)

Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 36 for FY 2018.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

C. The contract estimated value and all other terms and conditions remain unchanged. Payment:
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $74,240,017.13

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 38 for FY 2018. Funds in the amount of $74,240,017.13 are hereby obligated to CLIN 0001, thereby increasing it from $9,187,682,797.66 to $9,261,922,814.79.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,585,507,327.83 to $10,659,747,344.96.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16B. UNITED STATES OF AMERICA

Signature on File

05/23/2018
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Payment:

FOB: Destination
### Amendment of Solicitation/Modification of Contract

**DE-AC09-08SR22470**  

**See Schedule 798861048**

**SAVANNAH RIVER NUCLEAR SOLUTIONS LLC**

Attn: JOSEPH C. PONIATOWSKI  
203 LAURENS ST SW  
Aiken SC 29801

**CODE 798861048 FACILITY CODE**

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAULTURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

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<td>12.</td>
<td><strong>Net Increase:</strong> $1,805,771.00</td>
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**See Schedule**

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**A. THIS CHANGE ORDER IS ISSUED PURSUANT TO:** (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

**B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).**

**C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:**

**D. OTHER (Specify type of modification and authority)**

**X DEAR 970.5232-4 Obligation of Funds (2000)**

**E. IMPORTANT**

☐ is not, ☐ is required to sign this document and return __________ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION** (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 38 for FY 2018, as cited below:

1) Department of Defense $229,771.00  
2) Department of Justice $1,850,000.00  
3) Department of the Army $26,000.00  
4) Other -$300,000.00  

The total amount obligated is $1,805,771.00 thereby increasing it from $9,261,922,814.79 to $9,263,728,585.79.

Continued ...
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,659,747,344.96 to $10,661,553,115.96.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0775

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 16EM004877

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 00901

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

11A. NAME AND TITLE OF SIGNER

Angela S. Morton

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $1,943,144.43


14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 38 for FY 2018. Funds in the amount of $1,943,144.43 are hereby obligated to CLIN 0001, thereby increasing it from $9,263,728,585.79 to $9,265,671,730.22.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,661,553,115.96 to $10,663,496,260.39.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

05/24/2018

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is _______.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

The purpose of this modification is to revise and update the list of DOE Directives and Orders applicable to this contract under Section J.

B. Section J - Appendix E - List B/Applicable DOE Directives and Orders (Amendment 003) is deleted in its entirety and is replaced by Section J - Appendix E attached hereto.

C. All other terms and conditions of the contract remain unchanged.

Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16B. UNITED STATES OF AMERICA

Signature on File

05/30/2018

Certified copy certified by ____________________

(Official stamp of agency)

(Official seal of agency)
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<th>1. CONTRACT D CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
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<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</th>
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<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
</tr>
<tr>
<td>Attn: JOSEPH C. PONIATOWSKI</td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
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| 9A. AMENDMENT OF SOLICITATION NO. |
|                                 |
| 9B. DATED (SEE ITEM 11) |

| 10A. MODIFICATION OF CONTRACT/ORDER NO. |
|                                       |
| DE-AC09-08SR22470  |

| 10B. DATED (SEE ITEM 13) |
|                         |

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### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers □ is extended □ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- X Section I, DEAR 970.5221-1 Work Authorization (May 2007)

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

- A. The purpose of this modification is to incorporate ten (10) contract work authorizations reference Fiscal Year 2018 SRNS Financial Plan Number 38. Accordingly, the following applies:

  1) ET18014-18, Rev 6 Energy and Threat (See Attachment 1-A)
  2) ET18027-18, Rev 5 Energy and Threat (See Attachment 1-B)
  3) ET18040-18, Rev 5 Energy and Threat (See Attachment 1-C)
  4) SFWD-18, Rev 5 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-D)
  5) SFWD-18, Rev 6 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-E)
  6) NTRD/00/18/SR/36-18, Rev 5 Nuclear Technology Research and Development (See Attachment 1-F)

Continued ...

### 15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

### 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

### 15C. DATE SIGNED

06/13/2018

### 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

### 16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)

Signature on File

### 16C. DATE SIGNED

06/13/2018
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Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 38 for FY 2018.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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#### 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

**SAVANNAH RIVER NUCLEAR SOLUTIONS LLC**

Attn: JOSEPH C. PONIATOWSKI

203 LAURENS ST SW

AIKEN SC 29801

#### 9A. AMENDMENT OF SOLICITATION NO.

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAULT OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

#### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)

**DEAR 970.5232-4 Obligation of Funds (2000)**

#### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. THE PURPOSE OF THIS MODIFICATION IS TO OBLIGATE FUNDS TO CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 39 for FY 2018. Funds in the amount of $52,233,164.09 are hereby obligated to CLIN 0001, thereby increasing it from $9,265,671,730.22 to $9,317,904,894.31.

- B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,663,496,260.39 to $10,715,729,424.48.

- C. The contract estimated value and all other terms and conditions remain unchanged.

#### 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Sylvia C. Maroney

#### 16B. UNITED STATES OF AMERICA

Signature on File

06/14/2018

---

**June 14, 2018**

**Sylvia C. Maroney**

**Chief, Ships and Aircraft**

**Savannah River Operations**

**P.O. Box A**

**Aiken SC 29802**

---

**NSN 7540-01-152-8070**

Previous edition unusable

**STANDARD FORM 30 (REV. 10-83)**

Prescribed by GSA

FAR (48 CFR) 53.243
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<th>UNIT PRICE</th>
<th>AMOUNT</th>
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Payment:
FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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<thead>
<tr>
<th>B. NAME AND ADDRESS OF CONTRACTOR (No. state, county, State and ZIP Code)</th>
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<tbody>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC Attn: JOSEPH C. PONIATOWSKI</td>
</tr>
<tr>
<td>203 LAURENS ST SW Aiken SC 29801</td>
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<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</th>
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<tbody>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC Attn: JOSEPH C. PONIATOWSKI</td>
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<td>203 LAURENS ST SW Aiken SC 29801</td>
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<th>9A. AMENDMENT OF SOLICITATION NO.</th>
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<th>9B. DATED (SEE ITEM 11)</th>
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<th>10A. MODIFICATION OF CONTRACT/ORDER NO.</th>
<th>10B. DATED (SEE ITEM 13)</th>
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<td>DE-AC09-08SR22470</td>
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</table>

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ________ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

- Net Increase: $206,939.20

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

- D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 40 for FY 2018. Funds in the amount of $206,939.20 are hereby obligated to CLIN 0001, thereby increasing it from $9,325,969,968.59 to $9,326,176,907.79.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,723,794,498.76 to $10,724,001,437.96.

C. The contract estimated value and all other terms and conditions remain unchanged. Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

NSN 7540-01-152-8670

15C. DATE SIGNED

06/27/2018

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Angela S. Morton

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

06/27/2018

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE 18EX005366
2. AMENDMENT/MODIFICATION NO. 0788
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO. 10A MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470
5. PROJECT NO. (If applicable)
6. ISSUED BY CODE 00901
7. ADMINISTERED BY (If other than item 6) CODE

Savannah River Operations
U.S. Department of Energy
P.O. Box A
Aiken SC 29802

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
203 LAURENS ST SW
Aiken SC 298012421

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

9. AMENDMENT OF SOLICITATION NO.
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: LLOYD CLEVINGER II
DATED (SEE ITEM 11)
in

10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)
01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
The above numbered solicitation is amended as set forth in Item 14. The time and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the time and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _________ copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (If required)
Net Increase: $239,738.64
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying Office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT: Contractor is not. I is required to sign this document and return _________ copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 40 for FY 2018.

Funds in the amount of $239,738.64 are hereby obligated to CLIN 0001, thereby increasing it from $9,762,863,856.12 to $9,763,103,594.76.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,913,986,270.24 to $10,914,226,008.88.

C. The contract estimated value and all other terms and conditions remain unchanged.
Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)
Jeffrey C. Armstrong

15B. CONTRACTOR/OFFEROR
NSN 7540-01-152-8070

15C. DATE SIGNED 07/27/2018

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Jeffrey C. Armstrong

16B. UNITED STATES OF AMERICA
Signature on File

16C. DATE SIGNED 07/27/2018
The purpose of this modification is to correct the following error from Modification 0789:

AS READS:

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 40 for FY 2018. Funds in the amount of $239,738.64 are hereby obligated to CLIN 0001, thereby increasing it from $9,762,863,856.12 to $9,763,103,594.76.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the

Continued ...
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 42 for FY 2018. Funds in the amount of $9,019,124.28 are hereby obligated to CLIN 0001, thereby decreasing it from $9,763,103,594.76 to $9,754,084,470.48.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,914,226,008.88 to $10,905,206,884.60.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Jeffrey C. Armstrong

Signature on File

07/27/2018
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<td>3. EFFECTIVE DATE</td>
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**8. ISSUED BY**

Savannah River Operations  
U.S. Department of Energy  
Savannah River Operations  
P.O. Box A  
Aiken SC 29802

**8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)**

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: Joseph Poniatowski  
203 LAURENS ST SW  
AIKEN SC 29801

**9. AMENDMENT OF SOLICITATION NO.**

9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO.  
DE-AC09-08SR22470  
10B. DATED (SEE ITEM 13)  
01/10/2008

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)  
THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
D. OTHER (Specify type of modification and authority)  
X Mutual Agreement of the Parties

**E. IMPORTANT**  
Contractor ☐ is not, ☑ is required to sign this document and return 2 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

A. The purpose of this modification is to extend the period of performance of this contract for a 12-month period, through July 31, 2019.

B. The contractor shall continue providing services as specified in Section C, Statement of Work, with the following specific work to be accomplished, but not limited to, during the 12-month extension period:

- EM Closure Activities
- Savannah River National Laboratory (SRNL)
- NNSA Activities
- Landlord Services and Site Support

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)  
Angela S. Morton

15B. CONTRACTOR/OFFEROR  
(Signature of person authorized to sign)

15C. DATE SIGNED  
07/30/2018

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
Angela S. Morton

16B. UNITED STATES OF AMERICA  
Signature on File

16C. DATE SIGNED  
07/30/2018

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

NSN 7540-01-152-8070  
Previous edition unusable
C. The total available fee for the 12-month extension period is $44,711,120.

D. The following paragraph is hereby added to Section B-2.3(a) of the contract:

August 1, 2018 – July 31, 2019 fee for the 12-month extension is $44,711,120.

The NNSA portion of the fee for the period of August 1, 2018 through September 30, 2018 is added to the NNSA fee pool for the period of October 1, 2017 through July 31, 2018. For the purpose of NNSA award fee determinations under clauses H-28, Performance Based Incentives and I-40, DEAR 970.5215-1 Total Available Fee: Base Fee Amount and Performance Fee Amount, the evaluation periods for performance after September 30, 2017 are October 1, 2017 through September 30, 2018 and October 1, 2018 through July 31, 2019.

E. The following subsection is hereby added to Section F.5 of the contract:

(h) Pursuant to this modification, the period of performance of the contract has been extended to July 31, 2019.

F. The work described in this modification shall continue to be allocated by separate modification on an incremental basis.

G. The contractor shall provide a Small Business Subcontracting Plan for this action for Contracting Officer approval by August 1, 2018.

H. All other terms and conditions remain unchanged.

Payment:
The purpose of this modification is to correct errors on Modifications 0787, 0788 and 0790. Modification 0787 is changed to read as follows:

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 42 for FY 2018, as cited below:

Department of Defense $46,780.00  
Department of the Army -$1,078.42  
Department of Energy -$1,300.45  
Department of the Navy -$2,169.53  
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton

16C. DATE SIGNED 08/10/2018

(Signature of Contracting Officer)
The total amount obligated is $42,231.60 thereby increasing it from $9,384,225,743.35 to $9,384,267,974.95.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,782,050,273.52 to $10,782,092,505.12.

C. The contract estimated value and all other terms and conditions remain unchanged.

Modification 0788 is changed to read as follows:

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 42 for FY 2018. Funds in the amount of $239,738.64 are hereby obligated to CLIN 0001, thereby increasing it from $9,384,267,974.95 to $9,384,507,713.59.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,782,092,505.12 to $10,782,332,243.76.

C. The contract estimated value and all other terms and conditions remain unchanged.

NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,782,332,243.76 includes an obligation of $239,738.60 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $239,738.60 for a cumulative total of $2,161,761.12 to-date for FY 2018.

Modification 0790 is changed to read as follows:

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 42 for FY 2018. Funds in the amount of Continued ...
-$9,019,124.28 are hereby deobligated from CLIN 0001, thereby decreasing it from $9,384,507,713.59 to $9,375,488,589.31.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,782,332,243.76 to $10,773,313,119.48.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE
2. AMENDMENT/MODIFICATION NO. 0793
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/ PURCHASE REQ. NO.
5. PROJECT NO. (If applicable)
6. ISSUED BY CODE 00901
Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802
7. ADMINISTERED BY (If other than Item 6) CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801
9A. AMENDMENT OF SOLICITATION NO.
9B. DATED (SEE ITEM 11)
10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC09-08SR22470
10B. DATED (SEE ITEM 13)
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FA LURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.
12. ACCOUNTNG AND APPROPRIATION DATA (If required)
See Schedule
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
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B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER (Specify type of modification and authority)
X Clause H-28, Performance-Based Incentives
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number:  798861048

A. The purpose of this modification is to incorporate the Savannah River Nuclear Solutions(SRNS), Management and Operation of the Savannah River Site National Nuclear Security Administration(NNSA)Performance Evaluation Measurement Plan(PEMP)Revision 1, for the period October 01, 2017 through September 30, 2018. Previous edition of the NNSA FY 2018 PEMP is hereby superseded and replaced with Revision 1.

B. All other Terms and Conditions remain the same.

Continued ...

NSN 7540-01-152-8070
Previous edition unusable
STANDARD FORM 30 (REV. 10-83)
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FAR (48 CFR) 53.243
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO. 0794

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 18EM005516

5. PROJECT NO. (If applicable) 

6. ISSUED BY CODE 00901

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

CODE 798861048 FACILITY CODE 00901

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAI LURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase: $130,080,398.14

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ DEAR 970.5232-4 Obligation of Funds (2000)

D. OTHER (Specify type of modification and authority)

X

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 798861048

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 43 for FY 2018. Funds in the amount of $130,080,398.14 are hereby obligated to CLIN 0001, thereby increasing it from $9,375,488,589.31 to $9,505,568,987.45.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,773,313,119.48 to $10,903,393,517.62.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA

Signature on File

15C. DATE SIGNED 08/14/2018

16C. DATE SIGNED

STANDARD FORM 30 (REV. 10-83)

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Previous edition unusable

NSN 7540-01-152-8070

Prescribed by GSA

FAR (48 CFR) 53.243
### C. The contract estimated value and all other terms and conditions remain unchanged.

**Payment:**

**FOB: Destination**
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended or not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ______ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 43 for FY 2018.

Funds in the amount of $32,327.24 are hereby obligated to CLIN 0001, thereby increasing it from $9,505,568,987.45 to $9,505,601,314.69.

As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,903,393,517.62 to $10,903,425,844.86.

Continued...
C. The contract estimated value and all other terms and conditions remain unchanged.

NOTE: FOR GOVERNMENT REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,903,425,844.86 includes an obligation of $32,327.24 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $32,327.24 for a cumulative total of $2,194,088.36 to-date for FY 2018.

Payment:
FOB: Destination
This amendment modifies the contract/order no. as described in item 14. The hour and date specified for receipt of offers is extended.

The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 43 for FY 2018, as cited below:

1) Department of Defense $925,360.00
2) Department of Homeland Security $1,465,520.00
3) Department of the Army $3,511,076.25

The total amount deobligated is $1,120,196.25 thereby decreasing it from $9,505,601,314.69 to $9,504,481,118.44.

Net Decrease: $1,120,196.25
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,903,425,844.86 to $10,902,305,648.61.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
<thead>
<tr>
<th>1. CONTRACT D CODE</th>
<th>PAGE OF PAGES</th>
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<tbody>
<tr>
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<td>1</td>
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<tr>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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<table>
<thead>
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<th>6. ISSUED BY</th>
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</thead>
<tbody>
<tr>
<td>Savannah River Operations</td>
<td>00901</td>
</tr>
<tr>
<td>U.S. Department of Energy</td>
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<td>Savannah River Operations</td>
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</tr>
<tr>
<td>P.O. Box A</td>
<td></td>
</tr>
<tr>
<td>Aiken SC 29802</td>
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</tr>
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</table>

<table>
<thead>
<tr>
<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</th>
<th>9A. AMENDMENT OF SOLICITATION NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
<td></td>
</tr>
<tr>
<td>Attn: JOSEPH C. PONIATOWSKI</td>
<td></td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
<td></td>
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<tr>
<td>AIKEN SC 29801</td>
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<thead>
<tr>
<th>9B. DATED (SEE ITEM 11)</th>
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<th>10A. MODIFICATION OF CONTRACT/ORDER NO.</th>
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<table>
<thead>
<tr>
<th>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</th>
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The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

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<tbody>
<tr>
<td>See Schedule</td>
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<tbody>
<tr>
<td>CHECK ONE</td>
</tr>
<tr>
<td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td>
</tr>
<tr>
<td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
</tr>
<tr>
<td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
</tr>
<tr>
<td>X Section I, DEAR 970.5211-1 Work Authorization (May 2007)</td>
</tr>
<tr>
<td>D. OTHER (Specify type of modification and authority)</td>
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<tr>
<th>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</th>
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</thead>
<tbody>
<tr>
<td>DUNS Number: 798861048</td>
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</table>

A. The purpose of this modification is to incorporate eight (8) contract work authorizations reference Fiscal Year 2018 SRNS Financial Plan Numbers 41 and 42. Accordingly, the following applies:

1) ISER-410003-18, Rev 0 Infrastructure, Security, and Energy Restoration (See Attachment 1-A)
2) KG/SR1/8-18, Rev 0 Science Laboratories Infrastructure (See Attachment 1-B)
3) AT/SR58/18, Rev 1 Fusion Energy Sciences (See Attachment 1-C)
4) SFWD-18, Rev 8 Spent Fuel and Waste Disposition (SFWD) (See Attachment 1-D)
5) KC/SR1/8-18, Rev 0 Basic Energy Sciences (See Attachment 1-E)
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

<table>
<thead>
<tr>
<th>15A. NAME AND TITLE OF SIGNER (Type or print)</th>
<th>15B. CONTRACTOR/OFFEROR</th>
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<tr>
<td>Angela S. Morton</td>
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<tr>
<th>15C. DATE SIGNED</th>
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<th>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</th>
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<tr>
<td>Angela S. Morton</td>
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<tr>
<th>16B. UNITED STATES OF AMERICA</th>
<th>16C. DATE SIGNED</th>
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<td>Signature on File</td>
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STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

NSN 7540-01-152-8070
Previous edition unusable
6) 410003-TS-MSIPP-18, Rev 0 Minority Serving Institutions Partnership Program (MSIPP) (See Attachment 1-F)
7) SGQ9982-18, Rev 2 Model 9982 Optimized for Small Gram Quantity (SGQ) (See Attachment 1-G)
8) HQ1001-0-SR-18, Rev 3 Energy Employees Occupation Illness Compensation Program (EEOICPA) (See Attachment 1-H)

Funds were previously allocated by separate modification; reference SRNS Financial Plan Numbers 41 and 42 for FY 2018.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

<table>
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<tr>
<th>ITEM NO.</th>
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<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
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<td>6) 410003-TS-MSIPP-18, Rev 0 Minority Serving Institutions Partnership Program (MSIPP) (See Attachment 1-F) 7) SGQ9982-18, Rev 2 Model 9982 Optimized for Small Gram Quantity (SGQ) (See Attachment 1-G) 8) HQ1001-0-SR-18, Rev 3 Energy Employees Occupation Illness Compensation Program (EEOICPA) (See Attachment 1-H)</td>
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</table>
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 44 for FY 2018. Funds in the amount of $1,465,534.02 are hereby obligated to CLIN 0001, thereby increasing it from $9,504,481,118.44 to $9,505,946,652.46.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,902,305,648.61 to $10,903,771,182.63.

Continued ...
C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
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<tr>
<th>1. CONTRACT D CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
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#### 6. ISSUED BY

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<tr>
<th>CODE</th>
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<tr>
<td>00901</td>
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Savannah River Operations  
U.S. Department of Energy  
Savannah River Operations  
P.O. Box A  
Aiken SC 29802

#### 7. ADMINISTERED BY (If other than item 6)  CODE

#### 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: JOSEPH C. PONIATOWSKI  
203 LAURENS ST SW  
Aiken SC 29801

#### 9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (See Item 11)

#### 10A. MODIFICATION OF CONTRACT/ORDER NO.  10B. DATED (See Item 13)

#### 11A. MODIFICATION OF CONTRACT/ORDER NO.  11B. DATED (See Item 11)

#### 11C. DATED (See Item 11)

#### 11D. DATED (See Item 11)

#### 11E. DATED (See Item 11)

#### 11F. DATED (See Item 11)

#### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule  
Net Increase: $30,974.78

#### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

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<th>CHECK ONE</th>
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<tbody>
<tr>
<td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td>
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<td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
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<tr>
<td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
</tr>
<tr>
<td>X Dear 970.5232-4 Obligation of Funds (2000)</td>
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</table>

#### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number:  798861048

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 44 for FY 2018. Funds in the amount of $30,974.78 are hereby obligated to CLIN 0001, thereby increasing it from $9,505,946,652.46 to $9,505,977,627.24.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,903,771,182.63 to $10,903,802,157.41.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

#### 15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

#### 15B. CONTRACTOR/OFFEROR

#### 15C. DATE SIGNED

#### 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

#### 16B. UNITED STATES OF AMERICA

Signature on File

#### 16C. DATE SIGNED

08/22/2018
C. The contract estimated value and all other terms and conditions remain unchanged.

NOTE: FOR GOVERNMENT REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,903,802,157.41 includes an obligation of $30,974.78 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $30,974.78 for a cumulative total of $2,225,063.14 to-date for FY 2018.

Payment:
FOB: Destination
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers
is not extended.

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers
is extended.

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers
is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended,
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12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase: $1,473,480.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)

THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

DEAR 970.5232-4 Obligation of Funds (2000)

DEAR OTHER (Specify type of modification and authority)

D. OTHER (Specify type of modification and authority)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 798861048

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 44 for FY 2018, as cited below:

1) Department of Defense $349,480.00
2) Department of the Army $124,000.00
3) Other $1,000,000.00

The total amount obligated is $1,473,480.00 thereby increasing it from $9,505,977,627.24 to $9,507,451,107.24.

15A. NAME AND TITLE OF CONTRACTOR/OFFEROR (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)

Signature on File

08/22/2018

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,903,802,157.41 to $10,905,275,637.41.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.

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If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ 12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

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☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

☒ X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT Contractor ☑ is not, ☐ is required to sign this document and return ☑ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

☐ A. Pursuant to DOE Order 412.1A Work Authorization, and Contract Clause I.53 Obligation of Funds, the SRNL Minor B&Rs outlined in Attachment 1A, "No Year Funds," are hereby extended through 7/31/2019; subject to the availability of funds.

B. All other Terms and Conditions remain the same.

Note: This modification provides guidance regarding availability of funds and the Period of Performance only. Contract Work Authorizations for FY 2019 will be incorporated by separate modifications. Funds for work authorizations will continue to be allocated upon availability of funds under SRNS FINPLANs for FY 2019, in accordance to the terms and conditions of the contract.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 a or 10 a, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15b. CONTRACTOR/OFFEROR

15c. DATE SIGNED

Signature on File

16a. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16b. UNITED STATES OF AMERICA

Signature on File

16c. DATE SIGNED

08/29/2018
<table>
<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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Payment:
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### Amendment of Solicitation/Modification of Contract

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<th>Item</th>
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<tr>
<td>2.</td>
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<td>Effective Date</td>
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<td>Requisition/Purchase Req. No.</td>
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<td>Project No. (If applicable)</td>
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<td>7.</td>
<td>Administered By</td>
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<td>8.</td>
<td>Name and Address of Contractor</td>
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<td>9A.</td>
<td>Amendment of Solicitation No.</td>
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<td>9B.</td>
<td>Dated (See Item 11)</td>
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<tr>
<td>10A.</td>
<td>Modification of Contract/Order No.</td>
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<td>10B.</td>
<td>Dated (See Item 13)</td>
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<td>11.</td>
<td>This item only applies to amendments of solicitations</td>
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<td>12.</td>
<td>Accounting and Appropriation Data (If required)</td>
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<td>14.</td>
<td>Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible)</td>
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<tr>
<td>15A.</td>
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<tr>
<td>15B.</td>
<td>Date Signed</td>
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<td>16A.</td>
<td>Name and Title of Contracting Officer</td>
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<tr>
<td>16B.</td>
<td>United States of America</td>
</tr>
<tr>
<td>16C.</td>
<td>Date Signed</td>
</tr>
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</table>

The purpose of this modification is to incorporate nine (9) contract work authorizations reference Fiscal Year 2018 SRNS Financial Plan Number 43. Accordingly, the following applies:

1) ET18014-18, Rev 9 Energy and Threat (See Attachment 1-A)
2) ET180127-18, Rev 8 Energy and Threat (See Attachment 1-B)
3) ET18040-18, Rev 8 Energy and Threat (See Attachment 1-C)
4) HQ091601-18, Rev 1 Hanford Low Activity Waste Test Bed Initiative Task 3 Proposal (Treatment and Disposal of 2,000 Gallons of LAW SRNL SME Technical Assistance Support (See Attachment 1-D)
5) HQTD1002-18, Rev 3 Tank Waste Technetium Management (See Attachment 1-E)

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<td>(See Attachment 1-F)</td>
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<td>HQTD1005-18, Rev 1 Radioactive Glass Waste Form Studies (See Attachment 1-G)</td>
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<td>8)</td>
<td>AT/SR58/18, Rev 2 Fusion Energy Sciences (See Attachment 1-H)</td>
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<td>9)</td>
<td>13/CJ000/12/01-18, Rev 3 Savannah River National Laboratory (SRNL) Reviewers for ARPA-E (See Attachment 1-I)</td>
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Funds were previously allocated by separate modification; reference SRNS Financial Plan Numbers 43 for FY 2018.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO. 0803

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 893037

5. PROJECT NO. (If applicable) 00901

6. ISSUED BY
   Savannah River Operations Office
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6)
   Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
   SAZANNAH RIVER NUCLEAR SOLUTIONS LLC
   Attn: JOSEPH C. PONIATOWSKI
   203 LAURENS ST SW
   AIKEN SC 29801

9. AMENDMENT OF SOLICITATION NO.
   SEE BLOCK 16C

10. MODIFICATION OF CONTRACT/ORDER NO.
    DE-AC09-08SR22470

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

12. ACCOUNTING AND APPROPRIATION DATA (If required)
    See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

   A. The purpose of this modification is to incorporate five (5) contract work authorizations reference Fiscal Year 2018 SRNS Financial Plan Numbers 39 and 44. Accordingly, the following applies:

1) RD-410003-18, Rev 0 FY2018 Advanced Grid Research and Development (See Attachment 1-A)
2) SGQ9982-18, Rev 3 Model 9982 Optimized for Small Gram Quantity (SGQ) (See Attachment 1-B)
3) 410003-MSIPPP-18, Rev 1 Minority Serving Institutions Partnership Program (MSIPP) (See Attachment 1-C)
4) ET18027-18, Rev 9 Energy and Threat (See Attachment 1-D)
5) SL-410003-18, Rev 2 Solar Energy (See Attachment 1-E)

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)
    Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED 09/25/2018

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

Signature on File

(Signature of person authorized to sign)

(Signature of Contracting Officer)

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
Funds were previously allocated by separate modification; reference SRNS Financial Plan Numbers 39 and 44 for FY 2018.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

Contractor is not, is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 46 for FY 2018, as cited below:

1) Department of Defense $310,447.10
2) Department of Justice -$20,585.21
3) Department of the Army $2,536,966.08
4) Executive Office of the President $23,778.03
5) Other -$7,507.25

The total amount obligated is $2,843,098.75 thereby increasing it from $9,525,844,200.41 to Continued ...
$9,528,687,299.16.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,923,668,730.58 to $10,926,511,829.33.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 46 for FY 2018. Funds in the amount of $97,096.79 are hereby deobligated from CLIN 0001, thereby decreasing it from $9,528,687,299.16 to $9,528,590,202.37.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,926,511,829.33 to $10,926,414,732.54.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Angela S. Morton

16B. UNITED STATES OF AMERICA
Signature on File

16C. DATE SIGNED
09/17/2018
NOTE: FOR GOVERNMENT REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,926,414,732.54 includes a deobligation of $97,096.79 of Non-Appropriated funds. The total amount of Non-Appropriated funds is decreased by $97,096.79 for a cumulative total of $2,127,966.35 to-date for FY 2018.

Payment:
FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0807
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO. See Schedule
5. PROJECT NO. (If applicable) 970.5232-4 Obligation of Funds (2000)
6. ISSUED BY
   CODE 893037
   Savannah River Operations Office
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802
7. ADMINISTERED BY (If other than Item 6) CODE 00901
   Savannah River Operations
   U.S. Department of Energy
   Savannah River Operations
   P.O. Box A
   Aiken SC 29802
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
   SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
   Attn: JOSEPH C. PONIATOWSKI
   203 LAURENS ST SW
   AIKEN SC 29801
   See Schedule
9A. AMENDMENT OF SOLICITATION NO. 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470
9B. DATED (SEE ITEM 11) 10B. DATED (SEE ITEM 13) 01/10/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted ; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.  FA LURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted , such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $1,438,377.00
   See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/OVERRIDE IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: ☑

D. OTHER (Specify type of modification and authority) ☑

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in support of the Tritium Power Line Relocation. Funds in the amount of $1,438,377.00 are hereby obligated to CLIN 0001, thereby increasing it from $9,528,590,202.37 to $9,530,028,579.37.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,926,414,732.54 to $10,927,853,109.54.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

16A. NAME AND TITLE OF CONTRACT OFFICER (Type or print)
   Angela S. Morton
   Signature on File
   Signature of Contracting Office (Signature of person authorized to sign)

16B. UNITED STATES OF AMERICA
   Signature on File
   Signature of Contracting Officer
   (Signature of person authorized to sign)

STANDARD FORM 30 (REV. 10-83)
Previoe edition unusable
NSN 7540-01-152-8070
Prescribed by GSA
FAR (48 CFR) 53.243
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<td>FOB: Destination</td>
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</table>
The purpose of this modification is to incorporate the Savannah River National Laboratory (SRNL) Performance Evaluation Measurement Plan (PEMP), Revision 1A, for the period October 1, 2017 through July 31, 2018. The SRNL PEMP was inadvertently omitted via modification 783. The amounts on page 15 of the Savannah River Nuclear Solutions Fiscal Year 2018 PEMP remain unchanged.

B. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Signature on File
09/20/2018

(Signature of person authorized to sign) (Signature of Contracting Officer)
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT CODE

2. AMENDMENT/MODIFICATION NO. 0810

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/BUY NO. See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE: 893037

Savannah River Operations Office
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

7. ADMINISTERED BY (If other than Item 6) CODE: 00901

Savannah River Operations
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Decrease: -$1,438,377.00

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ DEAR 970.5232-4 Obligation of Funds (2000)

D. OTHER (Specify type of modification and authority)

☒ DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

☒ Contractor ☐ is not, ☐ is required to sign this document and return _______ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Department of Energy (DOE)) in support of the Tritium Power Line Relocation. Funds in the amount of $1,438,377.00 are hereby deobligated from CLIN 0001, thereby decreasing it from $9,530,028,579.37 to $9,528,590,202.37.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $10,927,853,109.54 to $10,926,414,732.54.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED 09/20/2018

(Signature of person authorized to sign) (Signature of Contracting Officer)
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The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.

If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is not extended.

The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 47 for FY 2018. Funds in the amount of $52,916,639.48 are hereby obligated to CLIN 0001, thereby increasing it from $9,528,590,202.37 to $9,581,506,841.85.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,926,414,732.54 to $10,979,331,372.02.

C. The contract estimated value and all other terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10 A, as heretofore changed, remains unchanged and in full force and effect.

NET INCREASE: $52,916,639.48

DEAR 970.5232-4 Obligation of Funds (2000)
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Payment:  
FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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<th>7. ADMINISTERED BY (If other than Item 6)</th>
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<td>Savannah River Operations Office</td>
<td>893037</td>
<td>Savannah River Operations</td>
<td>00901</td>
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<td>Savannah River Operations</td>
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<td>P.O. Box A</td>
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<td>P.O. Box A</td>
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<tr>
<td>Aiken SC 29802</td>
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</table>

<table>
<thead>
<tr>
<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</th>
<th>9. AMENDMENT OF SOLICITATION NO.</th>
<th>10. MODIFICATION OF CONTRACT/ORDER NO.</th>
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</thead>
<tbody>
<tr>
<td>SAVANNAH RIVER NUCLEAR SOLUTIONS LLC</td>
<td></td>
<td>DE-AC09-08SR22470</td>
</tr>
<tr>
<td>Attn: JOSEPH C. PONIATOWSKI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>203 LAURENS ST SW</td>
<td></td>
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<tr>
<td>AIKEN SC 29801</td>
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<thead>
<tr>
<th>10A. DATED (SEE ITEM 11)</th>
<th>10B. DATED (SEE ITEM 13)</th>
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<tr>
<th>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</th>
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<tbody>
<tr>
<td>☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.</td>
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</table>

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing forms 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

<table>
<thead>
<tr>
<th>12. ACCOUNTING AND APPROPRIATION DATA (If required)</th>
<th>Net Increase:</th>
</tr>
</thead>
<tbody>
<tr>
<td>See Schedule</td>
<td>$14,918,644.84</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td>
</tr>
<tr>
<td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td>
</tr>
<tr>
<td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td>
</tr>
<tr>
<td>☒ D. OTHER (Specify type of modification and authority)</td>
</tr>
<tr>
<td>DEAR 970.5232-4 Obligation of Funds (2000)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 47 for FY 2018, as cited below:</td>
</tr>
<tr>
<td>1) Department of Defense $400,000.00</td>
</tr>
<tr>
<td>2) Department of Homeland Security $732,858.00</td>
</tr>
<tr>
<td>3) Department of the Army $13,761,515.00</td>
</tr>
<tr>
<td>4) Executive Office of the President $24,271.84</td>
</tr>
</tbody>
</table>

The total amount obligated is $14,918,644.84 thereby increasing it from $9,581,506,841.85 to $9,596,425,486.69.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

<table>
<thead>
<tr>
<th>15A. NAME AND TITLE OF SIGNER (Type or print)</th>
<th>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angela S. Morton</td>
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<tr>
<th>15C. DATE SIGNED</th>
<th>16B. UNITED STATES OF AMERICA</th>
<th>16C. DATE SIGNED</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Signature on File</td>
<td>09/27/2018</td>
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</table>
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,979,331,372.02 to $10,994,250,016.86.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

Contractor □ is not, □ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds from CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 47 for FY 2018. Funds in the amount of $592,668.67 are hereby obligated to CLIN 0001, thereby increasing it from $9,596,425,486.69 to $9,597,018,155.36.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,994,250,016.86 to $10,994,842,685.53.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA

15C. DATE SIGNED

16C. DATE SIGNED
09/27/2018
NOTE: FOR GOVERNMENT REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $10,994,842,685.53 includes an obligation of $592,668.67 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $592,668.67 for a cumulative total of $2,720,635.02 to-date for FY 2018.

Payment:
FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
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<th>1. CONTRACT D CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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**8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)**

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: JOSEPH C. PONIATOWSKI  
203 LAURENS ST SW  
AIKEN SC 29801

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**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

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Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

**CHECK ONE**

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  

D. OTHER (Specify type of modification and authority)  

X Section I, DEAR 970.5221-1 Work Authorization (May 2007)

**E. IMPORTANT**

☐ Contractor ☐ is not, ☐ is required to sign this document and return 1 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

A. The purpose of this modification is to extend the Period of Performance for the contract work authorizations listed below:

1) 11C-FY19, Revision No. 0 SR-0011C NM Stabilization and Disposition - 2035 Fund Code 01264  
2) 13-FY19, Revision 0 SR-0013 Solid Waste Disposition Fund Code 01266  
3) 14C-FY19, Revision 0 SR-0014C SR Services and Contract Interface  
4) 20-FY19, Revision 0 SR-0020 Safeguards and Security Fund Code 01250  
5) 30-FY19, Revision 0 SR-0030 Soil and Ground Water Remediation Fund Code 01267  
6) 41-FY19, Revision 0 SR-0041 Surveillance, Maintenance & Deactivation  
7) 42-FY19, Revision 0 SR-0042 Infrastructure & Land Management/Emergency Operations

Continued ...

**15A. NAME AND TITLE OF SIGNER (Type or print)**

Angela S. Morton

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

Angela S. Morton

**15B. CONTRACTOR/OFFEROR**

(Initials of person authorized to sign)

**16B. UNITED STATES OF AMERICA**

Signature on File

**16C. DATE SIGNED**

09/28/2018

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

NSN 7540-01-152-8070

Previous edition unusable
Budget Authority obligated under most current contract modification and related approved financial plan executed under contract clauses B-4, Obligation of Funds, and I.53, DEAR to read "10/1/18 thru 7/31/19," for work authorization(s) listed above. This extension allows for the continuation of work subject to funds availability. SRNS shall comply with the restrictions cited under Funds Authorized for contract work authorizations, see attachments 1-A through 1-G, attached hereto.

B. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
<thead>
<tr>
<th>1. CONTRACT D CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
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<td>893037</td>
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<td>00901</td>
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#### 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

| SAVANNAH RIVER NUCLEAR SOLUTIONS LLC | Attn: JOSEPH C. PONIATOWSKI | 203 LAURENS ST SW | Aiken SC 29801 |

#### 9. AMENDMENT OF SOLICITATION NO.

<table>
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#### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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<th>ACCOUNTING AND APPROPRIATION DATA (If required)</th>
<th>Net Increase:</th>
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<td>See Schedule</td>
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#### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

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<th>CHECK ONE</th>
<th>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)</th>
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<th>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</th>
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#### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**A.** The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 49 for FY 2019. Funds in the amount of $412,927,921.80 are hereby obligated to CLIN 0001, thereby increasing it from $9,597,018,155.36 to $10,009,946,077.16.

**B.** As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $10,994,842,685.53 to $11,407,770,607.33.

**C.** The contract estimated value and all other terms and conditions remain unchanged.

**Continued ...**

#### 15. NAME AND TITLE OF SIGNER (Type or print)

<table>
<thead>
<tr>
<th>Angela S. Morton</th>
</tr>
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#### 16. NAME AND TITLE OF CONTRACT OFFICER (Type or print)

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<th>(Signature of person authorized to sign)</th>
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**SAVANNAH RIVER NUCLEAR SOLUTIONS LLC**
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE  19EM000076

2. AMENDMENT/MODIFICATION NO.  0817

3. EFFECTIVE DATE  See Block 16C

4. REQUISITION/PURCHASE REQ. NO.  

5. PROJECT NO. (If applicable)  

6. ISSUED BY  

7. ADMINISTERED BY (If other than Item 6)  

Savannah River Operations Office  Savannah River Operations
Savannah River Operations  Savannah River Operations
P.O. Box A  P.O. Box A
Aiken SC 29802  Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC  
Attn: JOSEPH C. PONIATOWSKI  
203 LAURENS ST SW  
AIKEN SC 29801  

9A. AMENDMENT OF SOLICITATION NO.  

9B. DATED (SEE ITEM 11)  

10A. MODIFICATION OF CONTRACT/ORDER NO.  

DE-AC09-08SR22470  

10B. DATED (SEE ITEM 13)  

CODE  798861048  FACILITY CODE  

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  

See Schedule  Net Increase: $309,202.40

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/OR ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ DEAR 970.5232-4 Obligation of Funds (2000)

☐ D. OTHER (Specify type of modification and authority)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 49 for FY 2019. Funds in the amount of $309,202.40 are hereby obligated to CLIN 0001, thereby increasing it from $10,009,946,077.16 to $10,010,255,279.56.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $11,407,770,607.33 to $11,408,079,809.73.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  

Angela S. Morton  

(Signature of person authorized to sign)  

16B. UNITED STATES OF AMERICA  

16C. DATE SIGNED  

10/24/2018  

(Signature of Contracting Officer)  

STANDARD FORM 30 (REV. 10-83)  

Previous edition unusable

NSN 7540-01-152-8070  

Prescribed by GSA  

FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $11,408,079,809.73 includes an obligation of $309,202.40 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $309,202.40 for a cumulative total of $309,202.40 to-date for FY 2019.

Payment:
FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
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<th>1. CONTRACT D CODE</th>
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<tbody>
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<td>DE-AC09-08SR22470</td>
<td></td>
</tr>
</tbody>
</table>

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

- Net Decrease: -$27,110.78
- See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)

- X DEAR 970.5232-4 Obligation of Funds (2000)

**E. IMPORTANT**

- Contractor is not, required to sign this document and return copies to the issuing office.
- Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

- A. The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 49 for FY 2019, as cited below:

  1) Department of Defense -$6,317.57
  2) Department of the Army -$20,105.49
  3) Executive Office of the President -$687.72

The total amount deobligated is $27,110.78 thereby decreasing it from $10,010,255,279.56 to $10,010,228,168.78.

Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED
10/25/2018
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $11,408,079,809.73 to $11,408,052,698.95.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification update information previously provided under Modification 0815 which extends the Period of Performance for the contract work authorizations listed below:

1) 11C-FY19, Revision No. 1 SR-0011C NM Stabilization and Disposition – 2035 Fund Code 01264
2) 13-FY19, Revision 1 SR-0013 Solid Waste Disposition Fund Code 01266
3) 20-FY19, Revision 1 SR-0020 Safeguards and Security Fund Code 01250
4) 30-FY19, Revision 1 SR-0030 Soil and Ground Water Remediation Fund Code 01267
5) 41-FY19, Revision 1 SR-0041 Surveillance, Maintenance & Deactivation
6) 42-FY19, Revision 1 SR-0042 Infrastructure & Land Management/Emergency Operations

Continued...

15A. NAME AND TITLE OF SIGNER (Type or print)
Angela S. Morton

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED 11/15/2018

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA Signature on File

16C. DATE SIGNED 11/15/2018

(Expiration of contract or order)

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
Budget Authority obligated under most current contract modification and related approved financial plan executed under contract clauses B-4, Obligation of Funds, and I.53, DEAR to read "10/1/18 thru 7/31/19," for work authorization(s) listed above. This extension allows for the continuation of work subject to funds availability. SRNS shall comply with the restrictions cited under Funds Authorized for contract work authorizations, see attachments 1-A through 1-F, attached hereto.

B. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/OFFER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

☐ X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

E. IMPORTANT 

Contractor ☐ is not, ☑ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate two (2) contract work authorizations reference Fiscal Year 2019 SRNS Financial Plan Numbers 49. Accordingly, the following applies:

1) ET19014-19, Rev 0 Energy and Threat (See Attachment 1-A)
2) ET19027-19, Rev 0 Energy and Threat (See Attachment 1-B)

Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 49 for FY 2019.

B. This modification formally incorporates the above referenced contract work

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA

Signature on File

15C. DATE SIGNED 12/11/2018

16C. DATE SIGNED
authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 50 for FY 2019. Funds in the amount of $100,782,474.00 are hereby obligated to CLIN 0001, thereby increasing it from $10,010,228,168.78 to $10,111,010,648.78.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $11,408,052,698.95 to $11,508,835,172.95.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...

16A. NAME AND TITLE OF CONTRACT OFFICER (Type or print)
Angela S. Morton

16B. UNITED STATES OF AMERICA
Signature on File

16C. DATE SIGNED
11/26/2018

(Signature of person authorized to sign) (Signature of Contracting Officer)

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Precribed by GSA
FAR (48 CFR) 53.243
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<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
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<th>UNIT PRICE</th>
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Payment:
FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE 19EM000362

2. AMENDMENT/MODIFICATION NO. 0822

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 19EM000362

5. PROJECT NO. (If applicable) 00901

6. ISSUED BY

CODE 893037

SAVANNAH RIVER OPERATIONS OFFICE

U.S. DEPARTMENT OF ENERGY

SAVANNAH RIVER OPERATIONS

P.O. BOX A

AIKEN SC 29802

7. ADMINISTERED BY (If other than Item 6) CODE 00901

SAVANNAH RIVER OPERATIONS OFFICE

U.S. DEPARTMENT OF ENERGY

SAVANNAH RIVER OPERATIONS

P.O. BOX A

AIKEN SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

Attn: JOSEPH C. PONIATOWSKI

203 LAURENS ST SW

Aiken SC 29801

9A. AMENDMENT OF SOLICITATION NO. 01/10/2008

9B. DATED (SEE ITEM 11)

9C. AMENDMENT OF CONTRACT/ORDER NO. DE-AC09-08SR22470

10. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470

10A. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $106,165.13

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/OFFERS. IT MODIFIES THE CONTRACT/OFFER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

E. IMPORTANT

Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 50 for FY 2019.

Funds in the amount of $106,165.13 are hereby obligated to CLIN 0001, thereby increasing it from $10,111,010,648.78 to $10,111,116,807.91.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $11,508,835,172.95 to $11,508,941,338.08.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued...

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243
NOTE: FOR GOVERNMENT REPORTING OF FPDS FROM STARS TO USA SPENDING – The Total Obligated amount of $11,508,941,338.08 includes an obligation of $106,165.13 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by $106,165.13 for a cumulative total of $415,367.53 to-date for FY 2019.

Payment:
FOB: Destination
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT D CODE

2. AMENDMENT/MODIFICATION NO. 0823

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 19EM000362

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 893037

7. ADMINISTERED BY (If other than item 6) CODE 00901

Savannah River Operations Office
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC09-08SR22470

10B. DATED (SEE ITEM 13)

CODE 798861048

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase: $4,901,998.58

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return ☐ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 50 for FY 2019, as cited below:

1) Department of Defense $150,000.00
2) Department of the Army $2,116,284.00
3) Executive Office of the President -$4,285.42
4) Other $2,640,000.00

The total amount obligated is $4,901,998.58 thereby increasing it from $10,111,116,807.91 to $10,116,018,806.49.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print)

Angela S. Morton

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

Signature on File

16C. DATE SIGNED

11/26/2018

Signature on File

( signature of person authorized to sign)

( signature of Contracting Officer)
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $11,508,941,338.08 to $11,513,843,336.66.

C. This modification also corrects a clerical error on Modification 0821. Modification 0821 Block 14, Description of Amendment/Modification, Item A CLIN 0001 TO amount should read $10,111,010,642.78.

D. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
FOB: Destination
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/OFFER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR.43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X Section I, DEAR 970.5211-1 Work Authorization (May 2007)

D. OTHER (Specify type of modification and authority)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate four (4) contract work authorizations reference Fiscal Year 2019 SRNS Financial Plan Numbers 49 and 50. Accordingly, the following applies:

1) ET19014-19, Rev 1 Energy and Threat (See Attachment 1-A)
2) ET19027-19, Rev 1 Energy and Threat (See Attachment 1-B)
3) HI-410003-19, Rev 0 Fuel Cell Technologies Office (See Attachment 1-C)
4) HQ1001000 SR-19, Rev 0 Energy Employees Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-D)

Funds were previously allocated by separate modification; reference SRNS Financial Plan Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.
B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgement to be received at the place designated for the receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

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12. ACCOUNT NG AND APPROPRIATION DATA (If required)
Net Increase: $67,760,102.99
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

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C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 51 for FY 2019. Funds in the amount of $67,760,102.99 are hereby obligated to CLIN 0001, thereby increasing it from $10,116,018,806.49 to $10,183,778,909.48.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $11,513,843,336.66 to $11,581,603,439.65.

C. The contract estimated value and all other terms and conditions remain unchanged.

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11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required) Net Increase: $58,034.84

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X DEAR 970.5232-4 Obligation of Funds (2000)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 51 for FY 2019, as cited below:

1) Agency for International Development $24,271.84
2) Department of Defense $10,663.00
3) Department of Homeland Security $36,900.00
4) Department of the Army $60,000.00

The total amount obligated is $58,034.84 thereby increasing it from $10,183,778,909.48 to $10,183,836,944.32.

Continued ...

15A. NAME AND TITLE OF SIGNER (Type or print) Sylvia C. Maroney

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED 12/17/2018

(Signature of person authorized to sign) (Signature of Contracting Officer)
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $11,581,603,439.65 to $11,581,661,474.49.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:

FOB: Destination
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<tr>
<td>Attn: JOSEPH C. PONIATOWSKI</td>
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<tr>
<td>203 LAURENS ST SW</td>
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11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Decrease: -$8,566.55

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☐ D. OTHER (Specify type of modification and authority)

X DEAR 970.5232-4 Obligation of Funds (2000)

E. IMPORTANT

☐ Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to deobligate funds from CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds) in accordance with SRNS FINPLAN No. 51 for FY 2019. Funds in the amount of $8,566.55 are hereby deobligated from CLIN 0001, thereby decreasing it from $10,183,836,944.32 to $10,183,828,377.77.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from $11,581,661,474.49 to $11,581,652,907.94.

C. The contract estimated value and all other terms and conditions remain unchanged.

Continued ...
NOTE: FOR GOVERNMENT REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of $11,581,652,907.94 includes a deobligation of $8,566.55 of Non-Appropriated funds. The total amount of Non-Appropriated funds is decreased by $8,566.55 for a cumulative total of $406,800.98 to-date for FY 2019.

Payment:
FOB: Destination
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<tr>
<td>Attn: JOSEPH C. PONIATOWSKI</td>
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<td>203 LAURENS ST SW</td>
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**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

- The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers may not be extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing the above-numbered solicitation as set forth in Item 14. The hour and date specified for receipt of offers prior to the hour and date specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

- **CHECK ONE**
  - A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
  - B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
  - C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
  - D. OTHER (Specify type of modification and authority)

- **X** Section I, DEAR 970.5211-1 Work Authorization (May 2007)

**14. DESCRIPTION OF AMENDMENT/MODIFICATION** (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**A.** The purpose of this modification is to incorporate four (4) contract work authorizations reference Fiscal Year 2019 SRNS Financial Plan Number 51. Accordingly, the following applies:

1) ET19014-19, Rev 2 Energy and Threat (See Attachment 1-A)
2) ET19027-19, Rev 2 Energy and Threat (See Attachment 1-B)
3) SRNL-031916-19, Rev 0 Program Support (See Attachment 1-C)
4) HQ091601-19, Rev 0 Hanford Low Activity Test Bed Initiative - Task 3 Proposal (Treatment and Disposal of 2,000 Gallons of LAW) - SRNL SME-Technical Assistance Support (See Attachment 1-D)

**Continued ...**

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remain unchanged and in full force and effect.

**15A. NAME AND TITLE OF SIGNER (Type or print)**

Angela S. Morton

**15B. CONTRACTOR/OFFEROR**

**15C. DATE SIGNED**

Signature on File

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

Angel S. Morton

**16B. UNITED STATES OF AMERICA**

Signature on File

**16C. DATE SIGNED**

01/17/2019
Funds were previously allocated by separate modification; reference SRNS Financial Plan Number 51 for FY 2019.

B. This modification formally incorporates the above referenced contract work authorizations as part of the contract. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.

Note: See the Contract Work Authorization for date approved by the Contracting Officer.

C. The contract estimated value and all other terms and conditions remain unchanged.

Payment:
2. AMENDMENT/MODIFICATION NO. 0829
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO. 19EM000684
5. PROJECT NO. (If applicable)

8. ISSUED BY CODE 893037
Savannah River Operations Office
U.S. Department of Energy
Savannah River Operations
P.O. Box A
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) (x)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

7A. AMENDMENT OF SOLICITATION NO. (x)
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
Attn: JOSEPH C. PONIATOWSKI
203 LAURENS ST SW
AIKEN SC 29801

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470
10B. DATED (SEE ITEM 11)
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended , by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
Net Increase: $520,081,759.84
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
A. The purpose of this modification is to obligate funds to CLIN 0001, (Department of Energy (DOE)) in accordance with SRNS FINPLAN No. 52 for FY 2019. Funds in the amount of $520,081,759.84 are hereby obligated to CLIN 0001, thereby increasing it from $10,183,828,377.77 to $10,703,910,137.61.

B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from $11,581,652,907.94 to $12,101,734,667.78.

C. The contract estimated value and all other terms and conditions remain unchanged.

15A. CONTRACTOR/OFFEROR (Type or print) Angela S. Morton
15B. CONTRACTOR/OFFEROR
15C. DATE SIGNED 01/23/2019
15D. UNITED STATES OF AMERICA
Signature on File

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Angela S. Morton
16B. UNITED STATES OF AMERICA
Signature on File

(01/23/2019)
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Payment:
FOB: Destination