

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0390		09/10/2013		13EM002925	
5. PROJECT NO. (If applicable)		6. ISSUED BY		7. ADMINISTERED BY (If other than item 6)	
		CODE 00901		CODE 00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		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)		9A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		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		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)

No Change to accounting 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)

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


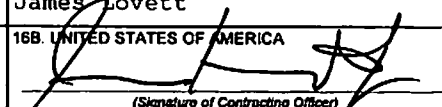
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

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

- 1) No. 11C-FY13, Rev. 5, for SR-0011C NM Stabilization and Disposition - 2035 Fund Code 01264
- 2) No. 12-FY 13, Rev. 5, for SR-0012 SNF Stabilization and Disposition Fund Code 01265
- 3) No. 13-FY13, Rev. 5, for SR-0013 Solid Waste Disposition Fund Code 01266
- 4) No. 14C-FY13-Support, Rev. 5, for SR Services and Contract Interface
- 5) No. 20-FY13, Rev. 5, for SR-0020 Safeguards and Security Fund Code 01250
- 6) No. 30-FY13, Rev 5., 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, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF CONTRACTING OFFICER John W. Temple, Senior Vice President Contracts Management		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
15C. DATE SIGNED 9/11/2013		16C. DATE SIGNED 9/11/2013	

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0390	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>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 "10/1/12 thru 9/30/13, to read "10/1/12 thru 9/30/14," 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 Block 10, Funds Authorized, for contract work authorizations, see attachments 1 through 6, attached hereto.</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

Contract Work Authorization(s)**Index**

<u>Attachment No.</u>	<u>WA No.</u>	<u>Project Title</u>	<u>No Pages</u>
1	11C-FY13, Rev. 5	SR-0011C NM Stabilization Disposition -2035	*3
2	12-FY13, Rev. 5	SR-0012 SNF Stabilization and Disposition	*3
3	13-FY13, Rev 5	SR-0013 Solid Waste Disposition	*3
4	14C-FY13 Supt, Rev 5	SR Services & Contract Interface	*3
5	20-FY13, Rev 5	SR-0020 Safeguards and Security	*3
6	30-FY13, Rev 5	SR-0030 Soil and Ground Water Remediation	*3

Note: *Three pages (inclusive of cover page)

Attachment 1

Contract Work Authorization No. 11C-FY13, Rev. 5
Project Title: SR-0011C NM Stabilization Disposition -2035

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

1a. Project Title		1b. Work Proposal Number	
SR-0011C NM Stabilization and Disposition - 2035 - Fund Code 01264		DE-AC-09-08SR22470-11C-FY13	
2. Headquarters Program Point of Contact			
Name: Deleon Jr, Edgardo C. (Gary)	Organization Code: EM-22, Director Nuclear Materials Disposition	Telephone No. 301-903-7668 Fax: 301-903-7165 E-mail: (edgardo.deleon@em.doe.gov)	
3. Headquarters Budget Point of Contact			
Name: Tracey Whipp	Organization Code: EM-61, Office of Budget	Telephone No. 301-903-7157	
4. Responsible Program		5. Responsible Secretarial Officer	
Office of Environmental Management		Collazo, Yvette T. (Yvette) Phone: (202-586-5280) Fax: (202-586-0449) Routing: (EM-1) E-mail: (yvette.collazo@hq.doe.gov)	
6. Responsible Field Organization			
U.S. Department of Energy, Savannah River Operations			
7a. Site and Facility Management Contractor		7b. Contractor Point of Contact	
Savannah River Nuclear Solutions, LLC		Name: John W. Temple Telephone No. (803) 952- 7210	
8. Work Authorization Number		9. Revision Number	
DE-AC-09-08SR22470-11C-FY13		5	
10. Funds Authorized (\$ in thousands)(See NOTE below)			
<p>NOTE: 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 change represents funding for 10/1/12 thru 9/30/14 subject to the availability of funds. Budget resources included in this allotment are restricted (OMB Cat. B). Fund Codes, other than Fund Code 01264, are not available for use for SR-0011C NM Stabilization and Disposition activities.</p> <p>In accordance with approved SF-132, OMB Apportionment and Reapportionment Schedule, budgetary resources provided by this allotment excludes the \$7,300,000 of funding in the approved Reprogramming for activities related for obligation 30 days after the Department submits an analysis consistent with OMB Circular A-94 that demonstrates the cost effectiveness of these activities. Budget resources contain in this allotment are restricted and are not available for obligation for activities related to Energy Parks or Small Modular Reactor, per OMB Apportionment (SF-132). Budget resources separately identified in Fund Code 01264 are to be executed in accordance with the terms and provisions of the public law under which the funds were appropriated. In accordance with the approved SF-132, OMB Apportionment and Reapportionment Schedule, allocations and obligations incurred for the PBS-SR-0011C Nuclear Material Stabilization and Disposition cannot exceed the current amount. Violation of these limitations and/or requirements is a potential violation of the Anti-Deficiency Act.</p>			
Budget and Reporting Code:	Previous	Change	Current
EY.86.48.11.0 Fund Code (01264)	\$5,903,800	\$243,084,112	\$248,987,912
11. Performance Period Covered by Funds		12. Work Start Date	13. Expected Completion Date
From: October 1, 2012 To: Sept. 30, 2014		Oct. 1, 2012	Sept. 30, 2014
14. Statement of Work (Includes attachments)			
<p>PBS 11C current period activities include the operations of H Canyon, HB Line, Analytical Labs (buildings. 772-F and 772 1F) and K Area; the surveillance and maintenance of F Area Complex (FB Line and F Area Materials Storage [FAMS] facilities) and Receiving Basin for Offsite Fuels (RBOF) pending transfer to PBS 30 for decommissioning.</p> <p>Sublevel B&R (non-control point) scopes of work include H Canyon operations, Plutonium Preparation Project operations FAMS operations, K area operations and the balance of the Nuclear Materials program. Funds authorization is in accordance with the DOE-SR Fin Plan. A more detailed description of the work scope can be reviewed in the SRNS FY 13-17 CPB once change requests are approved by DOE-SR.</p> <p>All work shall be conducted in accordance with this Modification.</p>			

U. S. DEPARTMENT OF ENERGY
CONTRACT WORK AUTHORIZATION

1a. Project Title

SR-0011C NM Stabilization and Disposition - 2035 - Fund
Code (01264)

1b. Work Proposal Number

DE-AC-09-08SR22470-11C-FY13

16. Work Authorization Program Official - Contracting Officer's Representative

Name (typed):

Doug Hintze

Signature:

Douglas E Hintze

Date:

4 Sep 2013

17. DOE-SR Budget Official (Field CFO)

Name (typed):

Harold K. Nielsen

Signature:

Harold K. Nielsen

Date:

9/5/13

18. Contractor's Authorized Representative

Name (typed):

John W. Temple

Signature:

John W. Temple

Date:

9/5/13

19. DOE Contracting Officer (or delegated representative)

Name (typed):

Scott Langston

Signature:

Scott Langston

Date:

9/5/13

Attachment 2

Contract Work Authorization No. 12-FY13, Rev. 5
Project Title: SR-0012 SNF Stabilization and Disposition

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

1a. Project Title		1b. Work Proposal Number	
SR-0012 SNF Stabilization and Disposition Fund Code 01265		DE-AC-09-08SR22470-12-FY13	
2. Headquarters Program Point of Contact			
Name: Deleon Jr, Edgardo C. (Gary)	Organization Code: EM-22, Director Nuclear Materials Disposition	Telephone No. 301-903-7668 Fax: 301-903-7165 E-mail: (edgardo.deleon@em.doe.gov)	
3. Headquarters Budget Point of Contact			
Name: Tracey Whipp	Organization Code: EM-61, Office of Budget	Telephone No. 301-903-7157	
4. Responsible Program		5. Responsible Secretarial Officer	
Office of Environmental Management		Collazo, Yvette T. (Yvette) Phone: (202-586-5280) Fax: (202-586-0449) Routing: (EM-1) E-mail: (yvette.collazo@hq.doe.gov)	
6. Responsible Field Organization			
U.S. Department of Energy, Savannah River Operations			
7a. Site and Facility Management Contractor		7b. Contractor Point of Contact	
Savannah River Nuclear Solutions, LLC		Name: John W. Temple	Telephone No. (803) 952- 7210
8. Work Authorization Number		9. Revision Number	
DE-AC-09-08SR22470-12-FY13		5	
10. Funds Authorized (\$ in thousands)(See NOTE below)			
<p>NOTE: 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 change represents funding for 10/1/12 to 9/30/14 subject to the availability of funds. Budget resources contain in this allotment are restricted (OMB Cat. B) and are not available for obligation for activities related to Energy Parks or Small Modular Reactor, per OMB Apportionment (SF-132). Budget resources separately identified in Fund Code 01265 are to be executed in accordance with the terms and provisions of the public law under which the funds were appropriated. In accordance with the approved SF-132, OMB Apportionment and Reapportionment Schedule, allocations and obligations incurred for the PBS-SR-0012 Spent Nuclear Fuel Stabilization and Disposition cannot exceed the current amount. Violation of these limitations and/or requirements is a potential violation of the Anti-Deficiency Act.</p>			
Budget and Reporting Code:	Previous	Change	Current
EY.86.48.12.0 Fund Code (01265)	\$345,116	\$38,679,780	\$39,024,896
11. Performance Period Covered by Funds		12. Work Start Date	13. Expected Completion Date
From: October 1, 2012	To: Sept. 30, 2014	Oct. 1, 2012	Sept. 30, 2014
14. Statement of Work (Includes attachments)			
<p>PBS 12 work scope in the current baseline includes the operation of L area facilities, continued receipt and storage of Used Nuclear Fuel (UNF) and management of Heavy Water at SRS. Funds authorization is in accordance with the DOE-SR Fin Plan. A more detailed description of the work scope can be reviewed in the SRNS FY 13-17 CPB once change requests are approved by DOE-SR.</p>			
All work shall be conducted in accordance with this Modification.			

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

1a. Project Title

SR-0012 SNF Stabilization and Disposition Fund Code
(01265)

1b. Work Proposal Number

DE-AC-09-08SR22470-12-FY13

16. Work Authorization Program Official - Contracting Officer's Representative

Name (typed):

Doug Hintze

Signature:

Douglas E. Hintze

Date:

4 Sep 2013

17. DOE Budget Official

Name (typed):

Harold K. Nielsen

Signature:

Harold K. Nielsen

Date:

9/5/13

18. Contractor's Authorized Representative

Name (typed):

John W. Temple

Signature:

John W Temple

Date:

9/5/13

19. DOE Contracting Officer (or delegated representative)

Name (typed):

Scott Langston

Signature:

SL

Date:

9/5/13

Attachment 3

Contract Work Authorization No. 13-FY13, Rev. 5
Project Title: SR-0013 Solid Waste Disposition

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

1a. Project Title		1b. Work Proposal Number	
SR-0013 Solid Waste Disposition Fund Code 01266		DE-AC-09-08SR22470-13-FY13	
2. Headquarters Program Point of Contact			
Name: Marcinowski, Frank N.	Organization Code: EM-30, Deputy Assistant Secretary for Waste Mgmt	Telephone No. 202-586-0370 Email: (frank.marcinowski@em.doe.gov)	
3. Headquarters Budget Point of Contact			
Name: Tracey Whipp	Organization Code: EM-61, Office of Budget	Telephone No. 301-903-7157	
4. Responsible Program		5. Responsible Secretarial Officer	
Office of Environmental Management		Collazo, Yvette T. (Yvette) Phone:(202-586-5280) Fax:(202-586-0449) Routing:(EM-1) E-mail:(yvette.collazo@hq.doe.gov)	
6. Responsible Field Organization			
U.S. Department of Energy, Savannah River Operations			
7a. Site and Facility Management Contractor		7b. Contractor Point of Contact	
Savannah River Nuclear Solutions, LLC		Name: John W. Temple	Telephone No. (803) 952- 7210
8. Work Authorization Number		9. Revision Number	
DE-AC-09-08SR22470-13-FY13		5	
10. Funds Authorized (\$ in thousands)(See NOTE below)			
<p>NOTE: 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 change represents funding for 10/1/12 to 9/30/14 subject to the availability of funds. Budget resources separately identified in Fund Code 01266 are to be executed in accordance with the terms and provisions of the public law under which the funds were appropriated. In accordance with the approved SF-132, OMB Apportionment and Reapportionment Schedule, allocations and obligations incurred for the PBS-SR-0013 Waste Management and Infrastructure cannot exceed the current amount. Violation of these limitations and/or requirements is a potential violation of the Anti-Deficiency Act. Budget resources contain in this allotment are restricted (OMB Cat. B) and are not available for obligation for activities related to Energy Parks or Small Modular Reactor, per OMB Apportionment (SF-132).</p>			
Budget and Reporting Code:	Previous	Change	Current
EY.86.48.13.0	\$11,522,083	\$29,947,446	\$41,469,529
11. Performance Period Covered by Funds		12. Work Start Date	13. Expected Completion Date
From: October 1, 2012	To: Sept. 30, 2014	Oct. 1, 2012	Sept. 30, 2014
14. Statement of Work (Includes attachments)			
<p>Current period work scope includes the receipt, storage and disposal of legacy and newly generated Low Level Waste (LLW), Low Level Mixed Waste (LLMW), Transuranic (TRU) waste, HW, Pipe Overpack Containers (POCs) from HB-Line, and sanitary waste. The DOE-SR Pollution Prevention (P2) Program employs the EM's preference of source reduction and recycling over treatment, storage and disposal and the preferred use of energy-efficient and resource-conservative practices and operations. Surveillance and maintenance activities for the Consolidated Incineration Facility will continue through FY 2013, at which point decommissioning will commence.</p> <p>This current period work scope also includes capital type projects (capital equipment and general plant projects) executed by Infrastructure Services to support facilities and activities, and support for the Historic Preservation program. Funds authorization is in accordance with the DOE-SR Fin Plan. A more detailed description of the work scope can be reviewed in the SRNS FY 13-17 CPB once change requests are approved by DOE-SR.</p>			
All work shall be conducted in accordance with this Modification.			

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

1a. Project Title

SR-0013 Solid Waste Disposition

1b. Work Proposal Number

DE-AC-09-08SR22470-13-FY13

16. Work Authorization Program Official - Contracting Officer's Representative

Name (typed):

Doug Hintze

Signature:

Douglas E Hintze

Date:

4 Sep 2013

17. DOE Budget Official

Name (typed):

Harold K. Nielsen

Signature:

Harold K. Nielsen

Date:

9/5/13

18. Contractor's Authorized Representative

Name (typed):

John W. Temple

Signature:

John W Temple

Date:

9/5/13

19. DOE Contracting Officer (or delegated representative)

Name (typed):

Scott Langston

Signature:

SL

Date:

9/5/13

Attachment 4

Contract Work Authorization No. 14C-FY13 Supt, Rev. 5
Project Title: SR Services & Contract Interface

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

1a. Project Title		1b. Work Proposal Number	
SR Services & Contract Interface		DE-AC-09-08SR22470-14C-FY13 Support	
2. Headquarters Program Point of Contact			
Name: Schneider, Steven P	Organization Code: EM-21 Assistant Secretary for EM	Telephone No. 301-903-7198 (email)steve.schneider@em.doe.gov	
3. Headquarters Budget Point of Contact			
Name: Tracey Whipp	Organization Code: EM-61, Office of Budget	Telephone No. 301-903-7157	
4. Responsible Program		5. Responsible Secretarial Officer	
Office of Environmental Management		Collazo, Yvette T. (Yvette) Phone:(202-586-5280) Fax:(202-586-0449) Routing:(EM-1) E-mail:(yvette.collazo@hq.doe.gov)	
6. Responsible Field Organization			
U.S. Department of Energy, Savannah River Operations			
7a. Site and Facility Management Contractor		7b. Contractor Point of Contact	
Savannah River Nuclear Solutions, LLC		Name: John W. Temple	Telephone No. (803) 952- 7210
8. Work Authorization Number		9. Revision Number	
DE-AC-09-08SR22470-14C-FY13 Support		5	
10. Funds Authorized (\$ in thousands)(See NOTE below)			
<p>NOTE: 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 change represents funding for 10/1/12 to 9/30/14 subject to the availability of funds. Budget resources contain in this allotment are restricted (OMB Cat. B) and are not available for obligation for activities related to Energy Parks or Small Modular Reactor, per OMB Apportionment (SF-132).</p>			
Budget and Reporting Code:	Previous	Change	Current
EY8748141	\$1,973,613	\$80,829,000	\$82,802,613
11. Performance Period Covered by Funds		12. Work Start Date	13. Expected Completion Date
From: October 1, 2012	To: Sept. 30, 2014	Oct. 1, 2012	Sept. 30, 2014
14. Statement of Work (Includes attachments)			
<p>Current period work scope includes services provided to the Liquid Waste (LW) contractor per current modification of Contract No. DE-AC09-08SR22470, Section PART I - THE SCHEDULE SECTION C DESCRIPTION/SPECIFICATION/WORK STATEMENT DESCRIPTION OF WORK AND SERVICES, C-3.4 Landlord Services and Site Support (Amendment 003), and C-4 INTERFACES WITH OTHER SITE USERS, and in conjunction with Contract No. DE-AC09-09SR22505 PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS SECTION J - LIST OF ATTACHMENTS APPENDIX N - SR SERVICES & CONTRACT INTERFACE REQUIREMENTS MATRIX . SR contractors retain the responsibility to reach agreement on interfaces and for the appropriate delivery of services. The SR Management and Operating (M&O) Contractor shall maintain an Interface Management Plan (IMP) and its portion of controlling agreements (i.e., MOAs/MOUs). The IMP is an interface management tool only and does not take precedence over the requirements identified herein. Costs for material, labor and subcontracts used for acquisition and installation of real property as defined by DOE O 430.1B Chg 2, Real Property and Asset Management, will be charged to this funding, up to and including cost of replacing deficient materials or rework.</p>			
All work shall be conducted in accordance with this Modification.			

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

1a. Project Title

SR Services & Contract Interface

1b. Work Proposal Number

DE-AC-09-08SR22470-14C-FY13 Support

16. Work Authorization Program Official - Contracting Officer's Representative

Name (typed):

Doug Hintze

Signature:

Douglas E Hintze

Date:

4 Sep 2013

17. DOE Budget Official

Name (typed):

Harold K. Nielsen

Signature:

Harold K. Nielsen

Date:

9/5/13

18. Contracting Officer Representative

Name (typed):

John Temple

Signature:

John W Temple

Date:

9/5/13

19. DOE Contracting Officer (or delegated representative)

Name (typed):

Scott Langston

Signature:

SL

Date:

9/5/13

Attachment 5

Contract Work Authorization No. 20-FY13, Rev. 5
Project Title: SR-0020 Safeguards and Security

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

1a. Project Title		1b. Work Proposal Number	
SR-0020 Safeguards and Security Fund Code 01250		DE-AC-09-08SR22470-20-FY13	
2. Headquarters Program Point of Contact			
Name: Moury, Matthew B.	Organization Code: EM-20, Deputy Assistant Secretary for Safety, Security and Quality	Telephone No. 202-586-5151 Email: (matthew.moury@em.doe.gov)	
3. Headquarters Budget Point of Contact			
Name: Connie Flohr	Organization Code: EM-61, Office of Budget	Telephone No. 301-903-7157	
4. Responsible Program		5. Responsible Secretarial Officer	
Office of Environmental Management		Collazo, Yvette T. (Yvette) Phone:(202-586-5280) Fax:(202-586-0449) Routing:(EM-1) E-mail:(yvette.collazo@hq.doe.gov)	
6. Responsible Field Organization			
U.S. Department of Energy, Savannah River Operations			
7a. Site and Facility Management Contractor		7b. Contractor Point of Contact	
Savannah River Nuclear Solutions, LLC		Name: John W. Temple	Telephone No. (803) 952- 7210
8. Work Authorization Number		9. Revision Number	
DE-AC-09-08SR22470-20-FY13		5	
10. Funds Authorized (\$ in thousands)(See NOTE below)			
<p>NOTE: 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 change represents funding for 10/1/12 to 9/30/14 subject to the availability of funds. Budget resources contain in this allotment are restricted (OMB Cat. B) and are not available for obligation for activities related to Energy Parks or Small Modular Reactor, per OMB Apportionment (SF-132).</p>			
Budget and Reporting Code:	Previous	Change	Current
FS.50.48.01.0	\$12,183,756	\$21,601,382	\$33,785,138
11. Performance Period Covered by Funds		12. Work Start Date	13. Expected Completion Date
From: October 1, 2012	To: Sept. 30, 2014	Oct. 1, 2012	Sept. 30, 2014
14. Statement of Work (Includes attachments)			
<p>The S&S Program provides technical support and documentation to manage an integrated system for the protection of nuclear materials, classified information, Site property and personnel. The Nuclear Material, Control and Accountability (MC&A) Program ensures SNM accounting in accordance with DOE requirements and supports ongoing and new risk reduction, material consolidation and nuclear material hold up removal activities (e.g., residual materials in process equipment). These activities provide assurance that SNM is properly controlled and accounted for at all times. The Information Security Program ensures that material and documents that may contain sensitive or classified information are identified, reviewed, appropriately marked and protected from unauthorized disclosure and ultimately destroyed in a timely manner. The Personnel Security Program encompasses those activities necessary to ensure only authorized personnel access the Site and ensure adequate control for areas within the Site. The Cyber Security Program ensures the protection of sensitive or classified information that is electronically transmitted. Funds authorization is in accordance with the DOE-SR Fin Plan. A more detailed description of the work scope can be reviewed in the SRNS FY 13-17 CPB once change requests are approved by DOE-SR.</p>			
All work shall be conducted in accordance with this Modification.			

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

1a. Project Title

SR-0020 Safeguards and Security

1b. Work Proposal Number

DE-AC-09-08SR22470-20-FY13

16. Work Authorization Program Official - Contracting Officer's Representative

Name (typed):

Doug Hintze

Signature:

Douglas E Hintze

Date:

4 Sep 2013

17. DOE Budget Official

Name (typed):

Harold K. Nielsen

Signature:

Harold K. Nielsen

Date:

9/5/13

18. Contractor's Authorized Representative

Name (typed):

John W. Temple

Signature:

John W Temple

Date:

9/5/13

19. DOE Contracting Officer (or delegated representative)

Name (typed):

Scott Langston

Signature:

S. J.

Date:

9/5/13

Attachment 6

Contract Work Authorization No. 30-FY13, Rev. 5
Project Title: SR-0030 Soil and Ground Water Remediation

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

1a. Project Title	1b. Work Proposal Number
SR-0030 Soil and Ground Water Remediation Fund Code 01267	DE-AC-09-08SR22470-30-FY13

2. Headquarters Program Point of Contact		
Name: Levitan, William M. (Bill)	Organization Code: EM-10, Associate Deputy Assistant Secretary for Site	Telephone No. 301-903-3339 Fax: 301-903-4303 E-mail: william.levitan@em.doe.gov

3. Headquarters Budget Point of Contact		
Name: Connie Flohr	Organization Code: EM-61, Office of Budget	Telephone No. 301-903-7157

4. Responsible Program	5. Responsible Secretarial Officer
Office of Environmental Management	Collazo, Yvette T. (Yvette) Phone: (202-586-5280) Fax: (202-586-0449) Routing: (EM-30) E-mail: (yvette.collazo@hq.doe.gov)

6. Responsible Field Organization
U.S. Department of Energy, Savannah River Operations

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

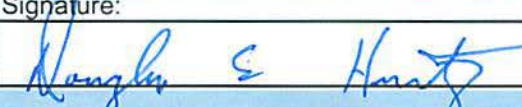
8. Work Authorization Number	9. Revision Number
DE-AC-09-08SR22470-30-FY13	5

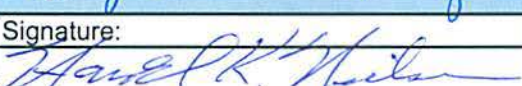
10. Funds Authorized (\$ in thousands)(See NOTE below)
<p>NOTE: Budget Authority obligated under most current contract modification and related approved financial plan executed under contract clauses B-4, Obligation of Funds, and I.53, DEAR 970.5232-4 Obligation of Funds (Dec 2000) applies. The period of performance change represents funding for 10/1/12 to 9/30/14 subject to the availability of funds. Budget resources separately identified in Fund Code 01267 are to be executed in accordance with the terms and provisions of the public law under which the funds were appropriated. In accordance with the approved SF-132, OMB Apportionment and Reapportionment Schedule, allocations and obligations incurred for the PBS-SR-0030 Soil and Water Remediation cannot exceed the current amount. Violation of these limitations and/or requirements is a potential violation of the Anti-Deficiency Act. Budget resources contain in this allotment are restricted (OMB Cat. B) and are not available for obligation for activities related to Energy Parks or Small Modular Reactor, per OMB Apportionment (SF-132).</p>

Budget and Reporting Code:	Previous	Change	Current
EY.86.48.30.0 Fund Code (01267)	\$868,926	\$46,133,514	\$47,002,440

11. Performance Period Covered by Funds		12. Work Start Date	13. Expected Completion Date
From: October 1, 2012	To: Sept. 30, 2014	Oct. 1, 2012	Sept. 30, 2014

14. Statement of Work (Includes attachments)
The current period scope for PBS 30 includes Area Completion activities while maintaining RCRA and FFA compliance and required surveillance and maintenance of inactive facilities. Funds authorization is in accordance with the DOE-SR Fin Plan. A more detailed description of the work scope can be reviewed in the SRNS FY 13-17 CPB once change requests are approved by DOE-SR.
All work shall be conducted in accordance with this Modification.

16. Work Authorization Program Official - Contracting Officer's Representative		
Name (typed):	Signature:	Date:
Doug Hintze		5 Sep 2013

17. DOE Budget Official		
Name (typed):	Signature:	Date:
Harold K. Nielsen		9/5/13

U. S. DEPARTMENT OF ENERGY
CONTRACT WORK AUTHORIZATION

1a. Project Title

SR-0030 Soil and Ground Water Remediation Fund Code
01267

1b. Work Proposal Number

DE-AC-09-08SR22470-30-FY13

18. Contractor's Authorized Representative

Name (typed):

John W. Temple

Signature:

John W Temple

Date:

9/5/13

19. DOE Contracting Officer (or delegated representative)

Name (typed):

Scott Langston

Signature:

S. Langston

Date:

9/5/13

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2									
2. AMENDMENT/MODIFICATION NO. 0391		3. EFFECTIVE DATE 09/11/2013		4. REQUISITION/PURCHASE REQ. NO. 13EM002925									
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 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.		9B. DATED (SEE ITEM 11)									
CODE 798861048		FACILITY CODE		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													
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 data													
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">CHECK ONE</td> <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></td> <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></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td style="text-align: center;">X</td> <td>D. OTHER (Specify type of modification and authority) Section I, DEAR 970.5211-1 Work Authorization (May 2007)</td> </tr> </table>						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)
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)												
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 Contract Work Authorizations listed below:													
1) No. KC/SR1/3, Rev 5, for Basic Energy Sciences - Energy Frontier Research Centers (See Attachment 1) 2) No. KP W SR1 3, Rev 3, for Biological and Environmental Research (See Attachment 2) 3) No. IN13012, Rev 6, for Energy Threat (See Attachment 3) 4) No. HI-410003-13, Rev 5, for Fuel Cell Technologies (See Attachment 4) 5) No. AF/0105/13/AL/50, for Radioisotope Power Systems (See Attachment 5) 6) No. SL-410003-13, Rev 3, for Solar Energy (See Attachment 6) 7) No. 410003-Tech Supt, Rev 2, SRNL Technical Support (See Attachment 7)													
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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)											
		James Lovett											
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA									
(Signature of person authorized to sign)				09/11/2013									
		(Signature of Contracting Officer)											

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0391	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>8) No. WW-410003-13, Rev 3, for Wind and Hydropower Technologies Program (See Attachment 8)</p> <p>The above reference contract work authorizations are provided as Attachment 1 through Attachment 8, hereto. Funds were allocated under FINPLAN No. 25 for Fiscal Year 2013, by separate modifications.</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1

1

2. AMENDMENT/MODIFICATION NO.

0392

3. EFFECTIVE DATE

09/18/2013

4. REQUISITION/PURCHASE REQ. NO.

13EM003015

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

00901

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

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

(X) 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

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)

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.
X	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 _____ 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 change the Requisition No. in Block 4, of Modification 0391, as read "13EM002925," to read "13EM003015."

B. 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.

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

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

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0393		3. EFFECTIVE DATE 09/18/2013		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) Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	
CODE 00901		CODE 00901		CODE 00901	
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		(x) 9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE 798861048		FACILITY CODE		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	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 _____ 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 Contract Work Authorizations listed below:

- 1) No. IN13012, Rev 5a, for Energy Threat (See Attachment 1)
- 2) No. 89X0319, Rev 8, for Fuel Cycle Technologies (See Attachment 2)
- 3) No. WW-410003-13, Rev 4, for Wind and Hydropower Technologies Program (See Attachment 3)

The above reference contract work authorizations are provided as Attachment 1 through Attachment 3, hereto. Funds were allocated under FINPLAN numbers 25 and 27 for Fiscal Year 2013, by separate modifications.

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Signature on File (Signature of Contracting Officer)	16C. DATE SIGNED 09/18/2013

OFFEROR OR CONTRACTOR NAH RIVER NUCLEAR SOLUTIONS, LLC

O.	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0394		09/17/2013		13EM003079	
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
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 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)				9A. AMENDMENT OF SOLICITATION NO.	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421				(x)	
				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		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) Net Increase: \$30,379,180.09

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	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 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 27. Funds in the amount of \$30,379,180.09 are hereby obligated to CLIN 0001, thereby increasing it from \$4,718,397,062.19 to \$4,748,776,242.28.

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 \$6,118,125,406.02 to \$6,148,504,586.11.

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 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)	
		Marie A. Garvin	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		Marie A. Garvin (Signature of Contracting Officer)	09/17/2013

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0394	2	2


CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0394	2	2

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0394	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0395		3. EFFECTIVE DATE 09/17/2013		4. REQUISITION/PURCHASE REQ. NO. 13EM003079	
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 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. AMENDMENT OF SOLICITATION NO. (x)		10. DATED (SEE ITEM 11)	
CODE 798861048 FACILITY CODE		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					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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: \$164,997.81					
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 I.53 DEAR 970.5232-4 Obligation of Funds (Dec 2000)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 Commercial), in accordance with SRNS FINPLAN 27. Funds in the amount of \$164,997.81 are hereby obligated to CLIN 0001, thereby increasing it from \$4,748,776,242.28 to \$4,748,941,240.09.					
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 \$6,148,504,586.11 to \$6,148,669,583.92.					
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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
		Marie A. Garvin			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)	
				16C. DATE SIGNED 09/17/2013	

NSN 7540-01-152-8070
 Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
 Prescribed by GSA
 FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1

2

2. AMENDMENT/MODIFICATION NO.

0396

3. EFFECTIVE DATE

09/17/2013

4. REQUISITION/PURCHASE REQ. NO.

13EM003079

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

00901

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

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

(x) 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

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)

Net Increase:

\$2,141,485.47

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) 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 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 27. Funds in the amount of \$2,141,485.47 are hereby obligated to CLIN 0001, thereby increasing it from \$4,748,941,240.09 to \$4,751,082,725.56.

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 \$6,148,669,583.92 to \$6,150,811,069.39.

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)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
	Marie A. Garvin
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA
	Marie A. Garvin
	(Signature of Contracting Officer)
	16C. DATE SIGNED
	09/17/2013

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0396

PAGE 2 OF 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0397		09/20/2013		13EM003122	
5. PROJECT NO. (If applicable)		6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)	
		CODE 00901		CODE 00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		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)		9A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		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)

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.
X	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 _____ 1 _____ copies to the issuing office.

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


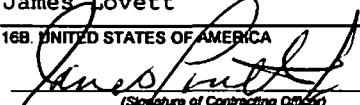
The purpose of this modification is as follows:

A. Pursuant to DOE Order 412.1A Work Authorization, and Contract Clause I.53 Obligation of Funds, the SRNL Minor B&R outlined in Attachment 1, "No Year Funds," and Attachment 2, "1 Year Funds," for work authorizations associated with GD B&Rs, are hereby extended through 9/30/2014; 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 2014, will be incorporated by 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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
L.C. Clevinger II Manager, Contracts		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
 (Signature of person authorized to sign)	9-20-13	 (Signature of Contracting Officer)	9/20/13

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0397	2	2

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	separate modifications. Funds for work authorizations will continue to be allocated upon availability of funds under SRNS FIN PLANS for FY 2014, in accordance to the terms and conditions of subject contract.				

Attachment 1

SRNL Minor B&Rs for “No Year GD Funds”

No Year Money

**SRNL Minor B&R Cost vs Approved Fin-Plan
FY2013
Costs Posted thru 07/31/2013 Month Ending**

TERMINAL B&R NUMBER	B&R TITLE	Approved Financial Plan # 23			Balance	POP
		C/O Funds	FY13 Funding	Total		
GD25403000	Training & Awareness(GPP) Obj CI 32002	360,480.05		360,480.05	139,948.76	POP 09/30/13
GD30030100	Energy and Proliferation (FO FT)	200,881.16		200,881.16	200,881.16	POP 9/30/13
GD30030100	Energy and Proliferation (FO FT)	0.00		0.00	(188,771.56)	POP 9/30/13
	FO FT Sub Total	200,881.16	0.00	200,881.16	12,109.60	
	GD30030100 Sub Total	200,881.16	1,870,000.00	2,070,881.16	450,920.80	
GD30040000	Tech support to Nuclear Terrorism (TF FT)	841.03		841.03	841.03	POP 9/30/13
GD30060000	HM(Collection Mgmt) (TF FT)	96,018.11		96,018.11	44,038.51	POP 09/30/13
GD30090000	WMD & Assemetric Threat (FO FT)	110,279.40		110,279.40	51,844.19	POP 9/30/13
GD30090000	WMD & Assemetric Threat (FO FT)	0.00		0.00	(19,854.82)	POP 9/30/13
	FO FT Sub Total	110,279.40	0.00	110,279.40	31,989.37	
	GD30090000 Sub Total	110,279.40	0.00	110,279.40	31,989.37	
GD30110000	Energy & Threat (Applied Tech Prog)(FO FT)	32,211.17		32,211.17	1,070.47	POP 9/30/13
GD30120000	Energy and Threat (Science & Tech)(FO FT)	1,937.20		1,937.20	1,937.20	POP 9/30/13
GD30150000	Nuclear Materials Information Prog FO FT)	62,742.89		62,742.89	62,742.89	POP 9/30/13
GD30150000	Nuclear Materials Information Prog (FO FT)	0.00		0.00	(59,779.22)	POP 9/30/13
	FO FT Sub Total	62,742.89	0.00	62,742.89	2,963.67	
	GD30015000 Sub Total	62,742.89	715,000.00	777,742.89	178,502.69	

Attachment 2

SRNL Minor B&Rs for “1 Year GD Funds”

1 Year Money

**SRNL Minor B&R Cost vs Approved Fin-Plan
FY2013
Costs Posted thru 07/31/2013 Month Ending**

TERMINAL B&R NUMBER	B&R TITLE	Approved Financial Plan # 23			Balance	POP
		C/O Funds	FY13 Funding	Total		
GD25409800	M&O SCIO(C2 FT)	183,356.72		183,356.72	24,017.15	POP 8/31/13
GD25409800	M&O SCIO(01 FT)		314,523.00	314,523.00	40,006.43	POP 8/31/14
GD30030100	Energy and Proliferation (01 FT)		1,870,000.00	1,870,000.00	438,811.20	POP 09/30/13
GD30030100	Energy and Proliferation (C2 FT)	1,043,837.44		1,043,837.44	1,056,687.32	GD B&R Time Limited Appr.
GD30030100	Energy and Proliferation (C2 FT)	(1,043,837.44)		(1,043,837.44)	(1,056,687.32)	POP 8/31/13
	C2/01 FT Sub Total	0.00	1,870,000.00	1,870,000.00	438,811.20	
GD30060000	HM(Collection Mgmt) (01 FT)		50,400.00	50,400.00	49,724.35	POP 09/30/13
GD30060000	HM(Collection Mgmt) (C2 FT)	0.00		0.00	0.00	POP 8/31/13
GD30090000	WMD & Assemetric Threat (01 FT)		145,000.00	145,000.00	18,411.17	POP 09/30/13
GD30090000	WMD & Assemetric Threat (C2 FT)	264,255.45		264,255.45	264,255.45	POP 8/31/13
GD30090000	WMD & Assemetric Threat (C2 FT)	(264,255.45)		(264,255.45)	(264,255.45)	POP 8/31/13
	C2 FT Sub Total	0.00	0.00	0.00	0.00	
	GD30090000 Sub Total	110,279.40	0.00	110,279.40	31,989.37	
GD30150000	Nuclear Mat Information Prog (01 FT)		715,000.00	715,000.00	175,539.02	POP 09/30/13
GD30150000	Nuclear Materials Information Prog (C2 FT)	267,278.69		267,278.69	264,348.73	POP 8/31/13
GD30150000	Nuclear Materials Information Prog (C2 FT)	(267,278.69)		(267,278.69)	(264,348.73)	POP 8/31/13
	C2/01 FT Sub Total	0.00	715,000.00	715,000.00	175,539.02	
	GD30015000 Sub Total	62,742.89	715,000.00	777,742.89	178,502.69	
GD3016000	Integrated Uranium Enrichment (C2 FT)	1,228.07		1,228.07	1,228.07	POP 8/31/13
GD5001000	Cyber,IT and Network Security (01 FT)		152,500.67	152,500.67	134,287.16	POP 8/31/14

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0398		3. EFFECTIVE DATE 09/24/2013		4. REQUISITION/PURCHASE REQ. NO. 13EM003185	
6. ISSUED BY Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		CODE 00901		5. PROJECT NO. (If applicable)	
		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		CODE 00901	
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		(x)		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		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)

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.
X	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 1 copies to the issuing office.

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

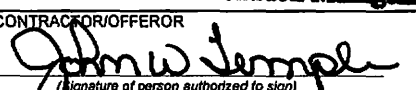

The purpose of this modification is to correct the extended Period of Performance for GD B&Rs under Modification 0397, and incorporate four contract work authorizations. Accordingly, the following applies:

A. Under Modification 0397 the work authorizations associated with GD B&Rs, is changed from "9/30/2014" to read "08/31/2014" for Attachment 2 work authorizations only, subject to the availability of funds. The period of performance for Mod 0397, Attachment 1 work authorizations remains at 9/30/2014.

B. The contract work authorizations listed below are hereby incorporated, as attachments 1 through 4, hereto.

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) John W. Temple, Senior Vice President Contracts Management		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 9/25/13	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 9/25/13

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0398	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>1) No. IN13012, Rev 7, for Energy Threat (See Attachment 1)</p> <p>2) No. 89X0319, Rev 9, for Fuel Cycle Technologies (See Attachment 2)</p> <p>3) No. PC410003, Rev 6, for Packaging and Certification and Packaging and Transportation Operation Support (See Attachment 3)</p> <p>4) No. 410003-TechSup, Rev 3, SRNL Technical Support (Attachment 4)</p> <p>Funds were previously allocated under FINPLAN numbers 25 and 27 for Fiscal Year 2013 for contract work authorizations 2, 3 and 4, by separate modifications. In addition, the IN Contract Work Authorization provides direction only, regarding the use of funds previously obligated under the contract.</p> <p>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.</p> <p>D. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 16		
2. AMENDMENT/MODIFICATION NO. 0399		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. 13EM003184		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		CODE 00901		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		CODE 00901	
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				(x)			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		FACILITY CODE					

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 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.
X	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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause I.138-DEAR 970.5204-2 Laws, Regulations, and DOE Directives (Dec 2000) (Deviation) (Amendment 003)
	D. OTHER (Specify type of modification and authority)

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.

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) John W. Temple, Senior Vice President Contracts Management		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 9/26/13	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 9/26/13

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 9/10/2013

Directive	ES&H REQUIREMENTS Title	Date Issued /Rev.
10 CFR 1021	National Environmental Policy Act Implementing Procedures	---
10 CFR 436	Federal Energy Management and Planning Programs	---
10 CFR 707	Workplace Substance Abuse Programs at DOE Sites	---
10 CFR 708	DOE Contractor Employee Protection Program	---
10 CFR 71	Packaging and Transportation of Radioactive Material	---
10 CFR 820	Procedural Rules for DOE Nuclear Activities	---
10 CFR 830	Nuclear Safety Management	---
10 CFR 835	Occupational Radiation Protection	---
10 CFR 851	Worker Safety and Health Program	---
10 CFR 962	Byproduct Material	---
33 CFR 153	Control of Pollution by Oil and Hazardous Substances, Discharge Removal	---
33 CFR 320	General Regulatory Policies	---

Directive	ES&H REQUIREMENTS Title	Date Issued /Rev.
33 CFR 322	Permits for Structures or Work in or Affected Navigable Waters of the United States	---
33 CFR 323	Permits for Discharges of Dredged or Fill Material into Waters of the United States	---
33 CFR 325	Processing of Department of Army Permits	---
33 CFR 326	Enforcement	---
33 CFR 327	Public Hearings	---
33 CFR 328	Definition of Waters of the United States	---
33 CFR 329	Definition of Navigable Waters of the United States	---
33 CFR 330	Nation Wide Permit Program	---
40 CFR 110	Discharge of Oil	---
40 CFR 112	Oil Pollution Prevention	---
40 CFR 116	Designation of Hazardous Substances	---
40 CFR 117	Determination of Reportable Quantities for Hazardous Substances	---
40 CFR 122	EPA Administered Permit Programs: The National Pollutant Discharge Elimination System	---
40 CFR 125	Criteria and Standards for the National Pollution Discharge Elimination System	---
40 CFR 129	Toxic Pollutant Effluent Standards	---
40 CFR 131	Water Quality Standards	---
40 CFR 133	Secondary Treatment Regulation	---
40 CFR 136	Guidelines Establishing Test Procedures for the Analysis of Pollutants	---
40 CFR 141	National Primary Drinking Water Regulations	---
40 CFR 142	National Primary Drinking Water Regulations Implementation	---
40 CFR 143	National Secondary Drinking Water Regulations	---
40 CFR 144	Underground Injection Control Program	---
40 CFR 146	Underground Injection Control Program: Criteria and Standards	---
40 CFR 148	Hazardous Waste Injection Restrictions	---
40 CFR 149	Sole Source Aquifers	---
40 CFR 166	Exemption of Federal and State Agencies for Use of Pesticides Under Emergency Conditions	---
40 CFR 170	Worker Protection Standard	---

Directive	ES&H REQUIREMENTS Title	Date Issued /Rev.
40 CFR 171	Certification Of Pesticide Applicators	---
40 CFR 191	Environmental Radiation Protection Standards For Management And Disposal Of Spent Nuclear Fuel, High-Level And Transuranic Radioactive Wastes	---
40 CFR 230	Section 404(b)(1) Guidelines for Specification of Disposal for Dredged or Fill Material	---
40 CFR 231	Section 404(c) Procedures	---
40 CFR 243	Guidelines for the Storage and Collection of Residential, Commercial, and Institutional Solid Waste	---
40 CFR 246	Source Separation for Materials Recovery Guidelines	---
40 CFR 247	Comprehensive Procurement Guideline for Products Containing Recovered Materials	---
40 CFR 257	Criteria for Classification of Solid Waste Disposal Facilities and Practices	---
40 CFR 260	Hazardous Waste Management System: General	---
40 CFR 261	Identification And Listing Of Hazardous Waste	---
40 CFR 262	Standards Applicable to Generators of Hazardous Waste	---
40 CFR 263	Standards Applicable to Transporters of Hazardous Waste	---
40 CFR 264	Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities	---
40 CFR 265	Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities	---
40 CFR 266	Standards For The Management Of Specific Hazardous Wastes And Specific Types Of Hazardous Waste Management Facilities	---
40 CFR 268	Land Disposal Restrictions	---
40 CFR 270	EPA Administered Permit Programs: The Hazardous Waste Permit Program	---
40 CFR 273	Standards for Universal Waste Management	---
40 CFR 279	Standards for the Management of Used Oil	---
40 CFR 280	Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks (UST)	---
40 CFR 300	National Oil and Hazardous Substances Pollution Contingency Plan	---
40 CFR 302	Designation, Reportable Quantities and Notification	---
40 CFR 355	Emergency Planning and Notification	---

Directive	ES&H REQUIREMENTS Title	Date Issued /Rev.
40 CFR 370	Hazardous Chemical Reporting: Community Right-to-Know	---
40 CFR 372	Toxic Chemical Release Reporting: Community Right-to-Know	---
40 CFR 401	Effluent Guidelines and Standards: General Provisions	---
40 CFR 403	General Pretreatment Regulations for Existing and New Sources of Pollution	---
40 CFR 50	National Primary and Secondary Ambient Air Quality Standards	---
40 CFR 503	Standards for the Use or Disposal of Sewage Sludge	---
40 CFR 58	Ambient Air Quality Surveillance	---
40 CFR 60	Standards of Performance for New Stationary Sources	---
40 CFR 61	National Emission Standards for Hazardous Air Pollutants	---
40 CFR 68	Chemical Accident Prevention Provisions	---
40 CFR 69	Special Exemptions from Requirements of the Clean Air Act	---
40 CFR 707	Chemical Imports and Exports	---
40 CFR 717	Records and Reports of Allegations that Chemical Substances Cause Significant Adverse Reactions to Health or the Environment	---
40 CFR 747	Metalworking Fluids	---
40 CFR 761	Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions	---
40 CFR 763	Asbestos	---
40 CFR 82	Protection of Stratospheric Ozone	---
43 FR 4377	Radiation Protection Guidance to Federal Agencies for Diagnostic X-Rays	---
49 CFR 107	Hazardous Materials Program Procedures	---
49 CFR 171	General Information, Regulations and Definitions	---
49 CFR 172	Hazardous Materials Tables and Hazardous Materials Communications Regulations	---
49 CFR 173	Shippers - General Requirements for Shipments And Packagings	---
49 CFR 174	Carriage By Rail	---
49 CFR 177	Carriage By Public Highway	---
49 CFR 178 (Subpart K)	Specifications For Packagings	---
49 CFR 382	Controlled Substances and Alcohol Use And Testing	---

Directive	ES&H REQUIREMENTS Title	Date Issued /Rev.
49 CFR 383	Commercial Driver's License Standards; Requirements and Penalties	---
49 CFR 385	Safety Fitness Procedures	---
49 CFR 386	Rules of Practice For Motor Carrier Safety and Hazardous Materials Proceedings -- Scope Of Rules, Definitions	---
49 CFR 387	Minimum Levels of Financial Responsibility for Motor Carriers	---
49 CFR 389	Rulemaking Procedures - Federal Motor Carrier Safety Regulations -- General	---
49 CFR 390	Federal Motor Carrier Safety Regulations; General	---
49 CFR 391	Qualifications Of Drivers	---
49 CFR 392	Driving of Motor Vehicles	---
49 CFR 393	Parts and Accessories Necessary for Safe Operation	---
49 CFR 395	Hours of Service of Drivers	---
49 CFR 396	Inspection, Repair, and Maintenance	---
49 CFR 397	Transportation of Hazardous Materials; Driving and Parking Rules	---
49 CFR 40	Procedures for Transportation Workplace Drug Testing Program -- General	---
50 CFR 17	Endangered and Threatened Wildlife and Plants	---
ADN-89-05-FF	Federal Facility Agreement for the Savannah River Site	8/16/1993
ANS 8.1	Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors	R98
ANS 8.10	Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement	9/14/1983
ANS 8.12	Nuclear Criticality Control and Safety of Homogeneous Plutonium-Uranium Fuel Mixtures Outside Reactors	R78
ANS 8.14	Use of Soluble Neutron Absorbers in Nuclear Facilities Outside Reactors	R04
ANS 8.15	Nuclear Criticality Control of Special Actinide Elements	R95
ANS 8.17	Criticality Safety Criteria for the Handling, Storage, and Transportation of LWR Fuel Outside Reactors	R04
ANS 8.19	Administrative Practices for Nuclear Criticality Safety	R05
ANS 8.20	Nuclear Criticality Safety Training	5/20/1991
ANS 8.21	Use of Fixed Neutron Absorbers in Nuclear Facilities Outside Reactors	R95
ANS 8.22	Nuclear Criticality Safety Based on Limiting and Controlling	R97

Directive	ES&H REQUIREMENTS Title	Date Issued /Rev.
	Moderators	
ANS 8.26	Criticality Safety Engineer Training and Qualification Program	6/20/2007
ANS 8.3	Criticality Accident Alarm System	R97
ANS 8.6	Safety in Conducting Subcritical Neutron-Multiplication Measurements in Situ	R95
ANS 8.7	Nuclear Criticality Safety In The Storage Of Fissile Materials	R98
ANS-8.23-2007	Nuclear Criticality Accident Emergency Planning and Response	3/23/2007
ANS-8.24-2008	Burnup Credit for LWR Fuel	8/14/2008
ANSI Z 358.1	Eye Wash and Shower Equipment, Emergency	1998
ANSI N323A - 1997	American National Standard: Radiation Protection Instrumentation Test and Calibration, Portable Survey Instruments	12/31/1997 1997
ANSI N42.18 - 1980	American National Standard: Specification and Performance of On-Site Instrumentation for Continuously Monitoring Radioactivity in Effluents	8/15/1980 91
ANSI N43.3 - 1993	American National Standard For General Radiation Safety - Installations Using Non-Medical X-Ray and Sealed Gamma-Ray Sources, Energies Up To 10 MeV	1/28/1993 93
ANSI/ANS-3.2	Administrative Controls And Quality Assurance For The Operational Phase Of Nuclear Power Plants	4/6/1989 94
ANSI/ASQ E4	Quality Systems For Environmental Data And Technology Programs - Requirements With Guidance For Use	2/4/2004
ANSI/HPS N43.2 - 2001	American National Standard: Radiation Safety for X-Ray Diffraction and Fluorescence Analysis Equipment	7/31/2001
ASME NQA-1-2008 w/2009 addenda	Quality Assurance Requirements for Nuclear Facility Applications	8/31/2009
Comm. Vehicle Safety Alliance	North American Uniform Vehicle Out-of-Service Criteria	4/1/1998 1
DOE LETTER AA-03-007	Cancellation of Directive Implementation Instructions	8/19/2003
DOE LETTER OSQA-08-0114	DOE-SR Letter OSQA-08-0114, Letter of Direction for DOE Order 420.1B Concerning Functional Area 12, Fire Protection	7/25/2008
DOE/NNSA QC-1, Rev. 10	DOE/NNSA Weapon Quality Policy (QC-1)	2/10/2004 10
DOE/RW-0333P	Quality Assurance Requirements and Description for the Civilian Radioactive Waste Management Program	10/1/2008 20
DOEM435.1-1	Radioactive Waste Management Manual, Chg. 2	6/8/2011

Directive	ES&H REQUIREMENTS Title	Date Issued /Rev.
		Chg.2
DOEM460.2-1A	Radioactive Material Transportation Practices Manual	6/4/2008
DOEO150.1	Continuity Programs	5/8/08
DOEO151.1C	Comprehensive Emergency Management System	11/2/2005
DOEO153.1	Departmental Radiological Emergency Response Assets	6/27/2007
DOEO210.2A	DOE Corporate Operating Experience Program	4/8/2011
DOEO225.1B	Accident Investigations	3/4/2011
DOEO226.1B	Implementation of Department of Energy Oversight Policy	4/25/2011
DOEO232.2	Occurrence Reporting and Processing of Operations Information	8/30/2011
DOEO231.1B	Environment, Safety and Health Reporting	6/27/2011 Chg. 1
DOEO243.1B	Records Management Program	7/8/2013 Chg. 1
DOEO251.1C	Departmental Directives Program	1/15/2009
DOEO414.1D	Quality Assurance	5/8/2013 Chg. 1
DOEO420.1B	Facility Safety	4/19/2010 Chg. 1
DOEO422.1	Conduct of Operations	6/25/2013 Chg. 1
DOEO425.1D	Startup and Restart of Nuclear Facilities	4/2/2013 Chg. 1
DOEO426.2	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities	7/29/2013 (Chg. 1)
DOEO430.1B	Real Property Asset Management (ESH)	4/25/2011 2
DOEO433.1B	Maintenance Management Program for DOE Nuclear Facilities.	3/12/2013 Chg. 1
DOEO435.1	Radioactive Waste Management	7/9/1999
DOEO436.1	Departmental Sustainability	5/2/2011
DOEO442.2	Differing Professional Opinions for Technical Issues Involving environmental, Safety and Health Concerns	10/6/2011
DOEO443.1B	Protection of Human Subjects	3/17/2011

Directive	ES&H REQUIREMENTS Title	Date Issued /Rev.
DOEO450.1A	Environmental Protection Program	6/4/2008 0
DOEO451.1B	National Environmental Policy Act Compliance Program	6/25/10 Chg 2
DOEO456.1	The Safe Handling of Unbound Engineered Nanoparticles	2/14/2013 Chg. 1
DOEO458.1	Radiation Protection of the Public and the Environment	1/15/2013 Chg. 3
DOEO460.1C	Packaging and Transportation Safety	5/14/2010
DOEO460.2A	Departmental Materials Transportation and Packaging Management	12/22/2004
DOEO461.1B	Packaging and Transfer or Transportation of Materials of National Security Interest	12/16/2010
DOEP450.4A	Safety Management System Policy	4/25/2011
DOE-STD-1088-95	Fire Protection for Relocatable Structures	6/1/1995 0
DOE-STD-1098-99	Radiological Control	7/1/1999 1999
DOE-STD-1186-2004	Specific Administrative Controls	8/1/2004
EM-QA-001	Environmental Management Quality Assurance Program	6/11/2012 Rev 1
EPA QA/R-5	Requirements for Quality Assurance Project Plans	3/30/2001 0
EPA/540/R-93/071	Data Quality Objectives	9/1/1993
EPA/SW-846	Test Methods For Evaluating Solid Waste	7/1/1992
FMDP - QARD	Fissile Materials Disposition Program - Quality Assurance Requirements Document	1/1/1999 0
IBC	International Building Code	---
ISO 9002	Quality System - Model for Quality Assurance Production and Installation	12/1/1994
NA-1 SD226.1A	NNSA Line Oversight And Contractor Assurance System Supplemental Directive	10/17/2008
PSLM-021606	Primary Standards Laboratory Memorandum	2/16/2006
Public Law 104-113	National Technology Transfer and Advancement Act of 1995	---

Directive	ES&H REQUIREMENTS Title	Date Issued /Rev.
Public Law 108-375	National Defense Authorization Act for FY 2005	---
Public Law 109-58	Energy Policy Act of 2005	8/8/2005
SC R.19-450	Permits for Construction in Navigable Waters	---
SC R.51	South Carolina Environmental Certification Board	---
SC R.61-101	Water Quality Certification	---
SC R.61-104	Hazardous Waste Management Locations Standards	---
SC R.61-105	Infectious Waste Management Regulations	---
SC R.61-107	Solid Waste Management	---
SC R.61-30	Environmental Protection Fees	---
SC R.61-56	Individual Sewage Treatment and Disposal Systems	---
SC R.61-58	State Primary Drinking Water Regulations	---
SC R.61-62	Air Pollution Control Regulations and Standards	---
SC R.61-67	Standards For Wastewater Facility Construction	---
SC R.61-68	Water Classifications and Standards	---
SC R.61-69	Classified Waters	---
SC R.61-71	Well Standards	---
SC R.61-72	Procedures for Contested Cases	---
SC R.61-79	Hazardous Waste Management Regulations	---
SC R.61-81	State Environmental Laboratory Certification Program	---
SC R.61-82	Proper Closeout of Wastewater Treatment Facilities	---
SC R.61-86.1	Standards of Performance for Asbestos Projects	---
SC R.61-87	Underground Injection Control Regulations	---
SC R.61-9	Water Pollution Control Permits	---
SC R.61-92	Underground Storage Tank Control Regulations	---
SC R.72-300	Standards for Stormwater Management and Sediment Reduction	---
SC-Code, Title 40	Engineers and Land Surveyors	---
SCR.61-25	Retail Food Establishments	---

Directive	NON ES&H REQUIREMENTS Title	Date Issued /Rev.
DOEM140.1-1B	Interface with the Defense Nuclear Facilities Safety Board	3/20/2001

Directive	NON ES&H REQUIREMENTS Title	Date Issued /Rev.
		0
DOEM142.2-1	Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency	9/4/2008
DOEM200.1-1	Chapter 9, Public Key Cryptography and Key Management	2/15/2000
DOEM205.1-4	National Security System Manual	3/8/2007 0
DOEM205.1-5	Cyber Security Process Requirements Manual	8/12/2008 0
DOEM205.1-6	Media Sanitization Manual	12/23/2008 0
DOEM205.1-7	Security Controls for Unclassified Information Systems Manual	1/5/2009 0
DOEM205.1-8	Cyber Security Incident Management Manual	1/8/2009 0
DOEM471.3-1	Manual for Identifying and Protecting Official Use Only Information	1/13/2011 Chg. 1
DOEM481.1-1A	Reimbursable Work for Non-Federal Sponsors Process Manual	9/28/2001 Chg. 1
DOEM483.1-1	DOE Cooperative Research & Development Agreements Manual	1/12/2001
DOEN206.4	Personal Identity Verification	6/29/2007
DOEN470.2	Reporting Unofficial Foreign Travel	12/15/2000
DOEN473.4	Department Of Energy Badges	5/26/2000
DOEN473.5	Security Area Vouching and Piggybacking	6/5/2000
DOEO130.1	Budget Formulation Process	9/29/1995
DOEO142.2A	Voluntary Offer Safeguards Agreement and Additional Protocol With the International Atomic Energy Agency	6/27/2013 Chg. 1
DOEO142.3A	Unclassified Foreign Visits And Assignments Program	10/14/2010
DOEO144.1	Department of Energy American Indian Tribal Government Interactions and Policy	11/6/2009 1
DOEO200.1A	Information Technology Management	12/23/2008
DOEO205.1A	Department of Energy Cyber Security Management Program	12/4/2008
DOEO206.1	Department of Energy Privacy Program	1/16/2009 0

Directive	NON ES&H REQUIREMENTS Title	Date Issued /Rev.
DOEO221.1A	Reporting Fraud, Waste, And Abuse to the Office of Inspector General	4/19/2008 0
DOEO221.2A	Cooperation with the Office of Inspector General	2/25/2008 0
DOEO241.1B	Scientific and Technical Information Management	10/13/2010
DOEO227.1	Independent Oversight Program	8/30/2011
DOEO252.1A	Technical Standards Program	3/12/2013 Chg. 1
DOEO350.1	Contractor Human Resource Management Programs	2/23/2010 3
DOEO350.2B	Use of Management and Operating or other Facility Management Contractor Employees for Services to DOE In The Washington, D.C., Area	5/31/2011
DOEO410.2	Management of Nuclear Materials	3/17/2009
DOEO412.1A	Work Authorization System	4/21/2005
DOEO413.1B	Internal Control Program	10/28/2008
DOEO413.2B	Laboratory Directed Research And Development	1/13/2011 Chg. 1
DOEO413.3B	Program And Project Management for the Acquisition of Capital Assets	11/29/2010
DOEO415.1	Information Technology Project Management	2/19/2013 Chg. 1
DOEO430.1B	Real Property Asset Management (Non-ESH)	4/25/2011 Chg. 2
DOEO440.2C	Aviation Management And Safety	6/22/2011 Chg. 1
DOEO452.3	Management of the Department of Energy Nuclear Weapons Complex	6/8/2005 0
DOEO452.7	Protection of Use Control Vulnerabilities and Designs	5/14/2010
DOEO452.8	Control of Nuclear Weapon Data	7/21/2011
DOEO462.1	Import and Export Of Category 1 and 2 Radioactive Sources and Aggregated Quantities	7/10/2013 Chg. 1
DOEO470.3B	Graded Security Protection (GSP) Policy	8/12/2008
DOEO470.4B	Safeguards and Security Program	2/19/2013 Chg. 1

Directive	NON ES&H REQUIREMENTS Title	Date Issued /Rev.
DOEO471.1B	Identification and Protection of Unclassified Controlled Nuclear Information	3/1/2010
DOEO471.3	Identifying and Protecting Official Use Only Information	1/13/2011 Chg. 1
DOEO471.5	Special Access Programs	3/29/2011
DOEO471.6	Information Security	2/4/2013 Chg. 1
DOEO472.2	Personnel Security	7/21/11
DOEO473.3	Protection Program Operations	6/27/2011
DOEO474.2	Nuclear Material Control and Accountability	11/19/2012 Chg. 2
DOEO475.1	Counterintelligence Program	12/10/2004
DOEO475.2A	Identifying Classified Information	2/1/2011
DOEO481.1C	Work for Others (Non-Department of Energy Funded Work)	1/24/2005
DOEO483.1	DOE Cooperative Research and Development Agreements	1/12/2001
DOEO484.1	Reimbursable Work for Department of Homeland Security	3/14/2011 Chg. 1
DOEO522.1	Pricing of Departmental Materials and Services	11/3/2004
DOEO534.1A	Accounting (Current is DOEO534.1B which has the same CRD)	7/12/2001
DOEO551.1D	Official Foreign Travel	4/12/2012
DOEO580.1A	Department of Energy Personal Property Management Program	10/22/2012
IBP-401	NWC Infrastructure Business Practice, Product Definition Exchange Process	11/30/2006 A
IBP-404	NWC Infrastructure Business Practice, Engineering Authorization System	12/17/2003 B
NASDM452.3-1	Defense Programs Business Requirements and Processes Manual	12/10/2009
NNSA NA-10	Weapon Quality Assurance Procedures Manual	3/30/2009
NNSA NAP 14.1-D	NNSA Baseline Cyber Security Program (Revised Implementing Plan, 5/1/2009)	12/14/2012
NNSA NAP 70.2	Physical Protection	7/2/10
NNSA NAP 70.4	Physical Security	7/2/10
NNSAM56XB	NNSA Development and Production Manual	2/27/2004/2
NNSAM56XBCH 2.	NNSA Manual 56XB, Chapter 2.2, Stop Work	2/15/2007

Directive	NON ES&H REQUIREMENTS Title	Date Issued /Rev.
2		B9
NNSAM56XBCH 2.8	NNSA Manual 56XB, Chapter 2.8, Technical Business Practice System	8/22/2007 C10
NNSAM56XBCH 6.1	NNSA Manual 56XB, Chapter 6.1, Reporting, Special Procedures, and Disposition Of Defective Weapon Assemblies	2/15/2007 B9
NNSAM56XBCH 8.1	NNSA Manual 56XB, Chapter 8.1, New Material And Stockpile Evaluation Test Program	12/6/2005 B5
NNSAM56XBCH 12.3	NNSA Manual 56XB, Chapter 12.3, Risk Management Process for the Directed Stockpile Work Program	1/20/2006 A
NNSA RMI-002	Requirements Modernization and Integration System Management	5/9/2011 B
NNSA RMI-007	DSW Program Funding within PPBE Process	3/29/2010 B
NNSA RMI-008	Portfolio-Program-Project Management	11/9/2010 A
NNSA RMI-009	Risk and Opportunity Management	3/2/2010 A
NNSA RMI-012	Requirements Engineering	6/16/2011 A
PCSP 2.0	Program Cyber Security Plan	9/17/2010 2.0
PRS21301	NWC Standard For Qualification Of Digital Radiographic Imaging Techniques	2/15/2007 B
SRSPM 250.1.1B	Savannah River Site Policy Manual	8/27/2012 0
TBP	Nuclear Weapons Complex Applicable Technical Business Practice (TBP) Procedures	---
TBP-000	NWC Technical Business Practice, Program Management	5/4/2001 E
TBP-100	NWC Technical Business Practice, Concurrent Qualification	9/16/2005 G
TBP-101	NWC Technical Business Practice, Engineering Evaluation Process	1/22/2007 H
TBP-200	NWC Technical Business Practice, Product Identification And Traceability	9/18/2006 E
TBP-201	NWC Technical Business Practice, Weapon Identification Systems	9/18/2006

Directive	NON ES&H REQUIREMENTS Title	Date Issued /Rev.
	And Marking Criteria	D
TBP-300	NWC Technical Business Practice, Product Definition	2/15/2005 E
TBP-301	NWC Technical Business Practice, Methods of Definition	10/2/2006 J
TBP-302	NWC Technical Business Practice, Product and Equipment Designations	9/18/2006 D
TBP-400	NWC Technical Business Practice, Design Control	10/2/2000 D
TBP-401	NWC Technical Business Practice, Definition Control	11/30/2006 E
TBP-402	NWC Technical Business Practice, Product Control	9/22/2004 F
TBP-403	NWC Technical Business Practice, Reviews	2/13/2006 E
TBP-404	NWC Technical Business Practice, Engineering Authorization System	5/4/2005 F
TBP-500	NWC Technical Business Practice, Records Management	10/2/2000 D
TBP-600	NWC Technical Business Practice, Procurement	10/2/2000 D
TBP-700	NWC Technical Business Practice, Product Acceptance and Control Of Nonconformance	3/11/2003 E
TBP-701	NWC Technical Business Practice, Acceptance Equipment Interfaces	4/19/2007 D
TBP-702	NWC Technical Business Practice, Nonconforming Material	5/29/2007 F
TBP-703	NWC Technical Business Practice, Product Reprocessing And Reworking	6/1/2001 D
TBP-704	NWC Technical Business Practice, Evaluation And Disposition Of Discrepant Weapon Material	10/2/2000 D
TBP-800	NWC Technical Business Practice, Stockpile Management	7/30/2001 F
TBP-801	NWC Technical Business Practice, Laboratory And Flight Test Material	10/2/2000 D
TBP-804	NWC Technical Business Practice, Stockpile Support Material	12/6/2006

Directive	NON ES&H REQUIREMENTS Title	Date Issued /Rev.
		F
TBP-CM	NWC Technical Business Practice, Configuration Management	2/14/2005 A
TBP-PRP	NWC Technical Business Practice, Product Realization Process	5/4/2001 E
TBP-SYS	NWC Technical Business Practice, Technical Business Practice System	10/20/2004 H

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0400		09/25/2013		13EM003197	
6. ISSUED BY		CODE		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		00901		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)		9A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		9B. DATED (SEE ITEM 11)			
		10A. MODIFICATION OF CONTRACT/ORDER NO.			
		DE-AC09-08SR22470			
		10B. DATED (SEE ITEM 13)			
		01/10/2008			
CODE		FACILITY 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 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: -\$244,644.84

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:
	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 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 (Department of Energy (DOE) funds), in accordance with SRNS FINPLAN 28. Funds in the amount of (-\$244,644.84) are hereby de-obligated from CLIN 0001, thereby decreasing it from \$4,751,082,725.56 to \$4,750,838,080.72.

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 \$6,150,811,069.39 to \$6,150,566.424.55.

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
John W. Temple, Senior Vice President Contracts Management		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
John W. Temple (Signature of person authorized to sign)	9/26/13	(Signature of Contracting Officer)	9/26/13

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0400

PAGE	OF
2	2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

Financial Plan Number: 28

Fiscal Year: 2013

Contract Modification Number: 400

Fiscal Month: 12

Rpt Entity: SR Savannah River Nuclear Solutions, LLC

Financial Plan Report - Detail

Site: SR

Page 1 of 2

Report: RFP0001

SR22470 - Savannah River Nuclear Solutions (SRNS)

Report Generated on: September 25, 2013 at 12:56:08 PM

Rpt Entity	Fund Code	Leg FT	Program	Legacy B&R	Obj. Class	Local Use	Project	WFO	Legacy Order Number	Beginning Uncosted Obs	BA			Total Available
											Previous	Change	Revised	
410003	00900	TC	2220735	DP1202010	25400	0000000	0000000	0000000		0.00	485,423.00	-21,823.58	463,599.42	463,599.42
AY 2013 - De-obligate to correct entries which were made in FY 2013 Financial Plan # 27														
Total for Program Parent/Control Point: DP1202010										0.00	485,423.00	-21,823.58	463,599.42	463,599.42
Total for Fund: 00900										0.00	485,423.00	-21,823.58	463,599.42	463,599.42
410003	01265		1111526	EY8648121	25400	0000000	0001762	0000000		0.00	39,278,381.87	-10,207.74	39,268,174.13	39,268,174.13
AY 2013 - De-obligate funds to correct entries that were made in SRNS FY 2013 Financial Plan # 27														
Total for Program Parent/Control Point: EY8648020										0.00	39,278,381.87	-10,207.74	39,268,174.13	39,268,174.13
Total for Fund: 01265										0.00	39,278,381.87	-10,207.74	39,268,174.13	39,268,174.13
410003	01266		1110949	EY8648130	25400	0000000	0001763	0000000		0.00	31,431,921.49	-12,613.52	31,419,307.97	31,419,307.97
AY 2013 - De-obligate funds to correct entries made in SRNS FY 2013 Financial Plan # 27														
Total for Program Parent/Control Point: EY8648020										0.00	31,431,921.49	-12,613.52	31,419,307.97	31,419,307.97
Total for Fund: 01266										0.00	31,431,921.49	-12,613.52	31,419,307.97	31,419,307.97
410003	01551	NS	2221269	NN6001050	25400	0000000	0000000	0000000		7,994,383.45	19,623,665.00	-200,000.00	19,423,665.00	27,418,048.45
AY 2013 - De-obligate fund to correct entries made in SRNS FY 2013 Financial Plan # 27														
Total for Program Parent/Control Point: NN6001010										7,994,383.45	19,623,665.00	-200,000.00	19,423,665.00	27,418,048.45
Total for Fund: 01551										7,994,383.45	19,623,665.00	-200,000.00	19,423,665.00	27,418,048.45
Total for Recipient Code: SR										7,994,383.45	90,819,391.36	-244,644.84	90,574,746.52	98,569,129.97
Total for Reporting Entity: 410003										7,994,383.45	90,819,391.36	-244,644.84	90,574,746.52	98,569,129.97
Total for SR22470 - Savannah River Nuclear Solutions (SRNS)										7,994,383.45	90,819,391.36	-244,644.84	90,574,746.52	98,569,129.97

Financial Plan Number: 28

Fiscal Year: 2013

Fiscal Month: 12

Contract Modification Number: 400

Rpt Entity: SR Savannah River Nuclear Solutions, LLC

Financial Plan Report - Detail

Site: SR

Page 2 of 2

Report: RFP0001

SR22470 - Savannah River Nuclear Solutions (SRNS)

Report Generated on: September 25, 2013 at 12:56:08 PM

Agency Sub-Report

Agency	Obligation Change Amount
Work for Others Funds Associated with Federal Agencies:	0.00
Total DOE Funds:	-244,644.84
Total Non-Appropriated Funds:	0.00
Grand Total:	-244,644.84

TAS Sub-Report

DOE Funding:

89X0309

Reimbursable Funding:

This financial plan was generated for the following options: All Transactions

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0401		09/26/2013		13EM003206	
5. PROJECT NO. (If applicable)		6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)	
		CODE 00901		CODE 00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		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)		9A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		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) Net Decrease: -\$14,999,950.00

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 1 copies to the issuing office.

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

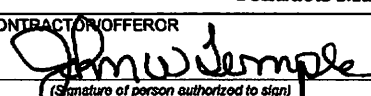
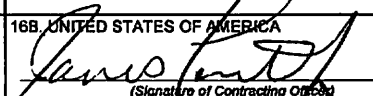
A. The purpose of this modification is to de-obligate funds from CLIN 0001 (Reimbursable Work Commercial funds), in accordance with SRNS FINPLAN 29. Funds in the amount of (-\$14,999,950.00) are hereby de-obligated from CLIN 0001, thereby decreasing it from \$4,750,838,080.72 to \$4,735,838,130.72.

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 \$6,150,566.424.55 to \$6,135,566,474.55.

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
John W. Temple, Senior Vice President Contracts Management		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
 (Signature of person authorized to sign)	9/26/13	 (Signature of Contracting Officer)	09/26/2013

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0401	2	2

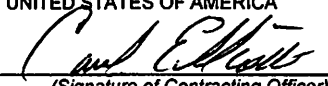
CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0401	2	2

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0401	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 1										
2. AMENDMENT/MODIFICATION NO. 402		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. N/A		5. PROJECT NO. (If applicable)									
6. ISSUED BY Savannah River Operations U.S. Department of Energy Savannah River Operations Office 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 Office P.O. Box A Aiken, SC 29802		CODE											
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Savannah River Nuclear Solutions, LLC ATTN: Lloyd Clevinger 203 Laurens Street SW Aiken, SC 29801-2421				(x)		9A. AMENDMENT OF SOLICITATION NO.									
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470									
						10B. DATED (SEE ITEM 13) 01/10/2008									
CODE 798861048		FACILITY CODE													
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS															
<p><input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.</p> <p>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 (see block 7); (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.</p>															
12. ACCOUNTING AND APPROPRIATION DATA (If required)															
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%; text-align: center;">(x)</td> <td style="width:95%;">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></td> <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></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td style="text-align: center;">X</td> <td>D. OTHER (Specify type of modification and authority) Unilateral Modification Issued pursuant to Clause H-28, Performance-Based Incentives</td> </tr> </table>								(x)	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) Unilateral Modification Issued pursuant to Clause H-28, Performance-Based Incentives
(x)	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) Unilateral Modification Issued pursuant to Clause H-28, Performance-Based Incentives														
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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 unilateral modification is to incorporate the DOE/NNSA Fiscal Year (FY) 2014 Strategic Performance Evaluation Plan (PEP) for management and operation of the Savannah River Site NNSA activities for the period October 1, 2013 through September 30, 2014. All other terms and conditions remain unchanged.															
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)											
				Carol R. Elliott Contracting Officer											
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED									
(Signature of person authorized to sign)				BY  (Signature of Contracting Officer)		9/30/13									

**Fiscal Year 2014
DOE/NNSA Strategic Performance Evaluation Plan (PEP)**

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, 2013 through September 30, 2014

Dennis J. Donati Date
Senior Vice President
NNSA Operations and Programs
Savannah River Nuclear Solutions, LLC

 30 Sep 2013

Douglas J. Dearolph Date
Manager
Savannah River Field Office
National Nuclear Security Administration

John W. Temple Date
Contracting Officer
Savannah River Nuclear Solutions, LLC

 9/30/13

Carol R. Elliot Date
Contracting Officer
Savannah River Field Office
National Nuclear Security Administration

INTRODUCTION

Savannah River Site is managed by Savannah River Nuclear Solutions, LLC, herein referenced as "Contractor", for the U.S. Department of Energy (DOE), National Nuclear Security Administration (NNSA). 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 the Contractor's 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 2014 are specified in Section B-2.3 of Contract No. DE-AC09-08SR22470. This PEP promotes a strategic Governance and Oversight framework 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/NNSA.

PERFORMANCE BASED APPROACH

The performance-based approach evaluates the Contractor's performance through a set of performance objectives (PO). Each PO will be measured on outcomes, demonstrated performance and impact to the DOE/NNSA mission. Contributing Factors (CF) and Site Specific Outcomes (SSO) will be evaluated against Program Implementation Plans (including cost, schedule, and scope) and other key inputs. CFs and SSOs will be assessed in the aggregate to establish an adjectival performance rating for each Performance Objective. Notwithstanding the overall strategic framework, failure to achieve an individual SSO, the most important DOE/NNSA fiscal year objectives at a site, may limit the award-fee.

MISSION PERFORMANCE

The Contractor 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 Contractor'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. **The Contractor 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 are expected to be delivered on-schedule and within budget.

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 Contractor’s control), degree of difficulty, significant accomplishments, and other events that may occur during the performance period. Effective efforts by the Contractor to quickly identify, self-report, and overcome or mitigate the impact of issues, barriers or other circumstances will also be a factor in evaluating performance. A significant safety or security event may result in an overall limitation to adjectival ratings in several or all performance objectives. For Line Item projects executed over multiple years, latter year failures may result in the Contractor reimbursing the Federal Government for earlier year award fees.

PERFORMANCE RATING PROCESS

At the end of each of the first three quarters, DOE/NNSA will evaluate contractor performance and provide feedback to the contractor 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). In general, performance objectives and contributing factors are written to reflect an overall adjectival performance level of **Good**. DOE/NNSA will consider the contractor’s 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, NA-00 and the NNSA Senior Procurement Executive prior to the Field Office Manager and Contracting Officer signatures. While recognizing the unilateral rights of DOE/NNSA as expressed in contract clauses H-27, *Performance Based Management*, and (2) H-28, *Performance Incentives*, bilateral changes are the preferred method of change whenever possible.

TOTAL AVAILABLE AWARD FEE ALLOCATION

Performance Category	Performance Objective	% At-Risk Fee Allocation
Programs	PO-1: Manage the Nuclear Weapons Mission	27%
Programs	PO-2: Reduce Nuclear Dangers	23%
Programs	PO-3: Strengthen Science, Technology, and Engineering Base and Achieve Other DOE Mission Objectives	2%
Operations & Mission Execution	PO-4: Drive a Safe, Secure, Modern, Integrated and Effective Enterprise	38%
Operations & Mission Execution	PO-5: Contractor Leadership	10%

UNEARNED FEE

DOE/NNSA reserves the right to withdraw and redistribute DOE/NNSA unearned fees.

AWARD TERM INCENTIVE

To earn award term the contractor must earn an adjectival score of Very Good or better in each of the Performance Objectives.

INNOVATIVE SOLUTIONS

The Contractor will recommend innovative, science-based, systems-engineering solutions to the most challenging problems that face the nation and the globe. The Contractor 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, the Contractor is expected to recommend and implement innovative business and management improvement solutions that enhance efficiencies.

PO-1: Manage the Nuclear Weapons Mission – (At-Risk Fee: 27%)

Successfully execute Nuclear Weapons mission work in accordance with DOE/NNSA Priorities¹, Program Control Document and Deliverables, and Program Implementation Plans. Integrate across the site, while maintaining a DOE/NNSA enterprise-wide focus, to achieve greater impact on a focused set of strategic national security priorities.

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 efficient operations.
- CF-1.2 Plan and execute the stockpile surveillance program to increase knowledge of the state of the stockpile, provide a robust scientific and engineering understanding for the delivery of the annual stockpile assessment, and advance the Predictive Capabilities Framework.
- CF-1.3 Execute product deliveries for the W76-1 Life Extension Program and all active Air-Delivered and Ballistic Missile Weapons Systems (B61, B83, W80, W76-0, W78, W87, W88), limited life component exchanges and dismantlements.
- CF-1.4 Demonstrate the application of new strategies, technologies, and scientific understanding in anticipation of future stockpile needs (e.g., enhanced stockpile surety, Enterprise Modeling and Analysis Consortium tools and Joint Integrated Lifecycle Surety tool).
- CF-1.5 Sustain and strengthen unique science and engineering capabilities, facilities and essential skills to ensure success of current and future Nuclear Weapons mission requirements.
- CF-1.6 Execute product development and deliveries of the Life Extension Programs (e.g., B61-12, W78/88-1) and Alterations (e.g., W88 ALT 370).

Site Specific Outcomes:

- SSO 1.1: Demonstrate the Tritium Programs Earned Value Management System (EVMS) (or comparable system) is implemented consistent with the B61 Project Control Systems Description and Implementation Schedule.
- SSO 1.2: Establish a site performance management baseline and submit monthly project and earned value reporting consistent with NA-191 program management requirements.
- SSO 1.3: Demonstrate the Tritium Programs EVMS (or comparable system) is implemented consistent with the W78/88-1 Project Control Systems Description and Implementation Schedule.

¹ As defined in the Mission Performance section, successful execution includes executing program work in accordance with applicable DOE/NNSA safety and security requirements.

PO-2: Reduce Nuclear Dangers (At-Risk Fee: 23%)

Make the world a safer place by reducing nuclear and radiological dangers. Successfully develop and implement Nonproliferation, Incident Response, Counterterrorism and Counterproliferation programs in accordance with DOE/NNSA priorities², program work authorizations, program execution plans, and associated standards. Integrate across the sites to achieve greater impact by focusing on a DOE/NNSA enterprise-wide set of strategic national security priorities.

Contributing Factors:

- CF-2.1 Remove, eliminate and minimize the use of proliferation-sensitive materials.
- CF-2.2 Safeguard and secure materials, technologies, and facilities.
- CF-2.3 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 Achieve effective emergency management, incident response and nuclear forensics mission support capability.
- CF-2.7 Sustain and improve nuclear counterterrorism and counterproliferation 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 FY14 Work Authorization and Execution Plan.
- SSO 2.2: Perform plutonium feed material characterization activities in accordance with the NNSA-approved plan for the non-pit plutonium material (AFS-1 and AFS-2) currently stored at SRS to demonstrate acceptability as feedstock and to support aqueous blend strategies in H-Canyon during operations. [MIFT Scope]

² As defined in the Mission Performance section, successful execution includes executing program work in accordance with applicable DOE/NNSA safety and security requirements.

**PO-3: Strengthen Science, Technology, and Engineering Base and Achieve Other DOE
Mission Objectives
(At-Risk Fee: 2%)**

Successfully strengthen, grow, and leverage the science, technology, and engineering base for implementing DOE/NNSA efforts by executing broad national security mission work and other DOE programs such as Environmental Management and interagency work.³ Effectively manage Laboratory/Plant/Site Directed Research and Development Programs (LDRD/PDRD/SDRD).

Contributing Factors:

- CF-3.1 Implement a research strategy that is clear and aligns discretionary investments (e.g., LDRD/PDRD/SDRD) with the research strategy and support DOE/NNSA priorities.
- CF-3.2 Ensure that research is relevant, enables the national security missions, and benefits DOE/NNSA and the nation.
- CF-3.3 Ensure that research is transformative, innovative, leading edge, high quality, and advances the frontiers of science and engineering.
- CF-3.4 Maintain a healthy and vibrant research environment that enhances technical workforce competencies and research capabilities and attracts the best and brightest scientist/engineers to execute our national programs.
- CF-3.5 Perform research to accomplish the high priority, multi-year research objectives, advance ST&E, and develop technologies for the public good through technology transfer.
- CF-3.6 Establish and maintain long-term partnerships/relationships with private industry and the scientific and local communities.
- CF-3.7 Strategically integrate interagency work to ensure necessary capabilities are maintained over time to support the DOE/NNSA mission.

Site Specific Outcome:

- None

³ As defined in the Mission Performance section, successful execution includes executing program work in accordance with applicable DOE/NNSA safety and security requirements.

**PO-4: Drive a Safe, Secure, Modern, Integrated and Effective Enterprise
(At-Risk Fee: 38%)**

Operate and maintain DOE/NNSA infrastructure in a safe, secure, and efficient manner in order to cost-effectively achieve mission results and drive continuous improvement. Integrate across the sites to achieve greater impact by focusing on a DOE/NNSA enterprise-wide set of strategic priorities. Demonstrate accountability for modernizing the infrastructure, improving physical and cyber security, and ensuring operational safety in order to achieve mission performance and management controls; assure mission commitments are met with high-quality products and services; and maintain excellence as 21st century government-owned, contractor-operated facility.

Contributing Factors:

- CF-4.1 Deliver effective, efficient, and responsive safety and health management and processes.
- CF-4.2 Accomplish line item and GPP construction projects in accordance with scope, cost, and schedule baselines
- CF-4.3 Deliver effective, efficient, and responsive physical and cyber security management and processes.
- CF-4.4 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.

Site Specific Outcome:

- SSO 4.1: Execute funded scope in support of the Tritium Responsive Infrastructure Modifications (TRIM) Program objectives, including up-front planning for the Tritium Centric Operations Project (TCOP) line item, per the FY14 Work Authorization and Execution Plan.
- SSO 4.2: Complete construction and initiate startup testing of the Waste Solidification Building project in accordance with approved cost and schedule baselines and related work scope as defined in the FY14 WAEP.

PO-5: Contractor Leadership (At-Risk Fee: 10%)

Successfully demonstrate leadership in supporting the direction of the overall DOE/NNSA mission, the responsiveness of the contractor's 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 site and the Enterprise.

Contributing Factors:

- CF-5.1 Define and implement a realistic strategic vision for the site, in alignment with the NNSA Strategic Plan, which demonstrates enterprise leadership and effective collaborations across the NNSA enterprise to ensure DOE/NNSA success.
- CF-5.2 Deliver efficient and effective management of legal risk and incorporation of best legal practices
- CF-5.3 Promote a culture of critical self-assessment and transparency across all areas; instill a culture of accountability, responsibility, and performance through the entire organization; and coordinate/communicate these key issues and concerns to DOE/NNSA leadership.
- CF-5.4 Demonstrate performance results through the institutional utilization of the Management Assurance System and the leveraging of parent company resources and expertise.
- CF-5.5 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-5.6 Exhibit professional excellence in performing contractor roles/responsibilities while pursuing opportunities for continuous learning.

Site Specific Outcome:

- None

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 1	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0403		09/30/2013			
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
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 Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		00901	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		9B. DATED (SEE ITEM 11)			
		10A. MODIFICATION OF CONTRACT/ORDER NO.			
		DE-AC09-08SR22470			
		10B. DATED (SEE ITEM 13)			
		01/10/2008			
CODE		FACILITY CODE			
798861048					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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	Section I, DEAR 970.5211-1 Work Authorization (May 2007)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 Contract Work Authorization No. HI-410003-1, Rev 6, for Fuel Cell Technologies. This work authorization transfer funds within the same B&R to a different agreement number (Headquarter's authorization on file). Agreements affected by this work authorization are: 22275 and 24099.					
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. 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)		
			James Lovett		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)	
				16C. DATE SIGNED	
				09/30/2013	
NSN 7540-01-152-8070 Previous edition unusable					
STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243					

Mod 403

Attachment 1

Contract Work Authorization No. HI-410003-13, Rev 6

Project Title: Fuel Cell Technologies

Work Authorization

Work Authorization Number HI-410003-13 Revision Number 6	U.S. DEPARTMENT OF ENERGY CONTRACT WORK AUTHORIZATION If you need assistance with this form contact Belinda Beckum 5-5352	Tracking Number CWA-2013-00041				
1a. Project Title: Fuel Cell Technologies		1b. Work Proposal Number (if applicable): AOP#FY13 SRNL ST, AOP#FY12 SRNL PD				
1c. Performing Organization <input checked="" type="radio"/> SRNL <input type="radio"/> SRNS						
2. Headquarters Program Point of Contact. Name: Sunita Sayapal Organization Code: EE-2H Telephone No.: 202-586-2336						
3. Headquarters Budget Point of Contact. Name: Cathy Short Organization Code: EE-3B Telephone No.: 202-586-9302						
4. Responsible Program: Office of Energy Efficiency and Renewable Energy		5. Responsible Secretarial Officer: Office of Energy Efficiency and Renewable Energy				
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: HI-410003-13		9. Revision Number:* 6				
10. Funds Authorized (See note below) Work subject to funds availability. This WAD transfers funds within the same B&R to a different agreement number per headquarters' authorization (attached to this WAD package). Agreements affected by this WAD are: 22275 and 24099.						
Date	B&R Code	Agreement / Project #	Project Value	Previous:	Change:	Current:
9/12/13	HT0201000	26126		312,356.00	0	312,356.00
	HT0201000	13443		387,644.25	0	387,644.25
	HT0202000	26363		200,000.00	0	200,000.00
	HT0202000	22272		400,000.00	0	400,000.00
	HT0202000	22275		512,336.00	-100,000.00	412,336.00
	HT0202000	24099		1,207,664.00	100,000.00	1,307,664.00
	HT0500000	24132		349,999.75	0	349,999.75
	Totals			3,370,000.00	0	3,370,000.00
11. Performance Period Covered by Funds. (See NOTE in block 10) From: 10/01/2012 To: 09/30/2014			12. Work Start Date: 10/01/2012		13. Expected Completion Date: 09/30/2014	
14. Statement of Work (includes attachments) Funding is authorized by the Fuel Cell Technologies Office to perform work in the areas of : HSECoE.						
15. Technical Point of Contact						
Name Ted Motyka/SRNL/Srs		Title SRS Technical Point of Contact		Email ted.motyka@srnl.doe.gov		Phone (803) 507-8548
SRS Technical Point of Contact Manager						
Name Bond Calloway/SRNL/Srs		Title SRS Technical Point of Contact Manager		Email bond.calloway@srnl.doe.gov		Phone (803) 507-5174
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

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

☒ Yes ☐ No

Ted Motyka has pressed the button , "I accept the scope and funding requirements and have no issues meeting the requirements."

09/19/2013 08:44 AM

DOE-SR Prog POC

DOE-SR Work Authorization Program

DOE Order 412 Compliance Checksheet

Project Title	Work Authorization Number
Fuel Cell Technologies	HI-410003-13

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

<input checked="" type="radio"/> Yes <input type="radio"/> No	Project title and reference to work proposal number, if applicable
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters programmatic point of contact, organization, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters budget point of contact, organization code, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible program
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible program Secretarial Officer
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible field organization
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible contracting officer if different from above
<input checked="" type="radio"/> Yes <input type="radio"/> No	Site/facility management contractor name, point of contact, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Work authorization number, with revision number if applicable
<input checked="" type="radio"/> Yes <input type="radio"/> No	Budget and reporting code and funding level
<input checked="" type="radio"/> Yes <input type="radio"/> No	Dates for performance period, work start, and work completion
	Statement of work (see paragraph below)
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters, field organization, contractor, and if involving changes to scope, schedule, or funding, contracting officer signature blocks
<input checked="" type="radio"/> Yes <input type="radio"/> 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:

<input checked="" type="radio"/> Yes <input type="radio"/> 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
<input checked="" type="radio"/> Yes <input type="radio"/> No	Required milestone dates
<input checked="" type="radio"/> Yes <input type="radio"/> No	Deliverables, including technical information as required by DOE O 241.1A, Scientific and Technical Information Management
<input checked="" type="radio"/> Yes <input type="radio"/> 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
Belinda Beckum/SRNL/Srs	09/18/2013 12:33 PM

DOE-SR Field Budget Official

BEARS database search complete and results attached to WAD package?

☒ Y ☐ N

Funding constrained: (Year constrained; CR; etc.) 89X Fy 2013 Budget Authority, was in a prior FinPlan. This is a Agreement Number change only.

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

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

Is this funding in the Headquarters AFP? ☐ 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
Mod 405	

Attachments



PKG HI-410003-13 R6.pdf

Notify on Approval

[General Comment](#)

Submitted By

Work Authorization: In Process

Approvers	Title	Assigned	Received	Status Changed	Status
-----------	-------	----------	----------	----------------	--------

John Temple	SRNS Contractor Auth Rep	09/26/2013 11:04:42 AM	09/26/2013 01:09:46 PM	09/26/2013 01:09:59 PM	Concur
James Lovett	DOE-SR Contract Officer	09/26/2013 01:10:01 PM	09/30/2013 02:23:54 PM	09/30/2013 02:24:08 PM	Concur
Christine Corbin	DOE-SR Contract Mod Admin	09/30/2013 02:24:09 PM	09/30/2013 02:27:38 PM	09/30/2013 03:21:58 PM	Concur
Kathryn Davis	SRNS Contracts	09/30/2013 03:22:00 PM	-	-	-

Previous Process - Work Authorization: Approved on 09/25/2013

Approvers	Title	Assigned	Received	Status Changed	Status
Ted Motyka	Technical POC	09/18/2013 01:26:49 PM	09/19/2013 08:42:29 AM	09/19/2013 08:44:35 AM	Concur
John Christian	DOE-SR Work Auth	09/19/2013 08:44:38 AM	09/19/2013 09:04:17 AM	09/19/2013 09:04:53 AM	Concur
Patrick Jackson	Coordinator	09/19/2013 09:04:55 AM	09/24/2013 02:57:40 PM	09/24/2013 03:02:21 PM	Concur
Harold Nielsen	DOE-SR Program POC	09/24/2013 03:02:23 PM	09/25/2013 03:39:40 PM	09/25/2013 03:44:03 PM	Concur
	DOE-SR Field Budge Off				

Approver Comments

Reviewers

Name	Date Time	Action
Sharon Hunter	9/18/2013 1:33:11 PM	Reviewed
Kathryn Davis	9/26/2013 11:04:32 AM	Reviewed

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 1	
2. AMENDMENT/MODIFICATION NO. 0404		3. EFFECTIVE DATE 09/30/2013		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) 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.		9B. DATED (SEE ITEM 11)	
CODE 798861048		FACILITY CODE		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 in 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) Clause H-28, Performance-Based Incentives

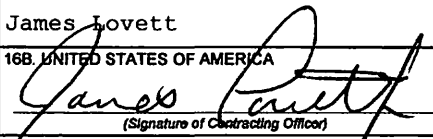
E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

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 Performance Evaluation Measurement Plan (PEMP), for the period October 1, 2013 through September 30, 2014, which is attached hereto.

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) James Lovett	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 09/30/2013



**U.S. Department of Energy
Savannah River Site**

**PERFORMANCE EVALUATION
MEASUREMENT PLAN
Savannah River Nuclear Solutions, LLC
CONTRACT NO. DE-AC09-08SR22470
Modification No. 404**

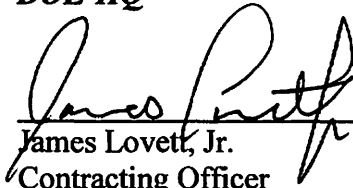
**Evaluation Period:
October 1, 2013 through September 30, 2014**

Approval Page

Date:

Approval:

*Approved with the condition that
Additional PEMP revisions may be
necessary after subsequent reviews by
DOE-HQ*


James Lovett, Jr.
Contracting Officer

Contracts Management Division

9/30/2013

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Revision Summary Log

Rev. #	Rev. Date	Affected Sections / Pages	Description of Revision
0	10/01/13	All	Initial Issue for this evaluation period

1. Purpose

This document serves as the Performance Evaluation Measurement Plan (PEMP) for fiscal year 2014 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 (SRNS) LLC, approved January 10, 2008.

Incentives are developed annually by DOE 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 as Attachment E.

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 Savannah River Site 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, DOE strategic goals and program objectives. Incentives and their associated fee demonstrate direct flow down of DOE 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 contract fee is split between EM and NNSA and the ratio is approximately a 55/45 split, making the EM fee \$25M annually. 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 occur to the PEMP in the last 60 days of the evaluation period, unless with bilateral agreement between the CO and the contractor.

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 SRS 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) [SRS 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 is used to measure site level incentive outcomes and acceptance documentation. A PID includes: A Performance Outcome statement, Contract Output performance statements, metrics, Completion Criteria, and Acceptance (documentation) 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 I.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 Board¹/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 determinations, 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.

¹ Federal Acquisition Regulation (FAR) Subpart 16.401 requires an Award-Fee Board for conducting the award-fee evaluation.

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 reclama, 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.

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 PID. 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

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*.

Attachment A, Integrated Project Team (IPT) Charter

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 SRSO 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.

NAME	FUNCTION	ORGANIZATION
MOODY, Dave	IPT Member [ex officio] DOE Fee Determining Official [FDO]	DOE-SR Site Manager
SMITH, T. Zack	IPT Executive Sponsor/Co-Fee Board Lead	DOE-SR Deputy Manager
HINTZE, Doug	IPT/Co-Fee Board Lead/Performance Incentive Manager	Assistant Manager for Mission Support (AMMS)
MCGUIRE, Pat	IPT/ Performance Incentive Manager	Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)
SPEARS, Terry	IPT /Performance Incentive Manager	Assistant Manager for Waste Disposition Project (AMWDP)
ADAMS, Angelia	IPT/ Performance Incentive Manager	Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)(acting)
HOOKE, Karen	IPT/ Performance Incentive Manager	Director, Office of Laboratory Oversight (OLO)
DEAROLPH, Douglas	IPT/Fee Board Member/Performance Incentive Manager	Manager NNSA SRSO

CLARK, William	IPT/ Performance Incentive Manager	Manager NNSA NA-262
LOVETT, James	IPT Member [ex officio] Fee Board Member	Contracting Officer M&O Contract
DAVIS, Peggy	IPT Member	Vice President SRNS Support Services
TEMPLE, John	IPT Member	Director SRNS Contracts Management
CHRISTIAN, John	DOE IPT Technical Lead	Program Analyst for Mission Planning Division
PENNINGTON, Michele	SRNS IPT Technical Lead	SRNS Contracts Management

Attachment B, Fee Allocation Model

Funding Assumptions for Fee Allocation

Funding for fiscal year 2014 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 is directly funded (direct). Scope cost for support activities funded indirectly by placing a tax on individual funds. See table below for FY14 estimated funding:

Est. Funding	Funding Source:
\$254,992,000	PBS 11C
43,130,000	PBS 12
50,137,000	PBS 13
51,809,000	PBS 30
23,339,000	PBS 20 (EM Safeguards & Security)
\$423,407,000	Total EM Funding
101,528,000	Nuclear Nonproliferation Funding
239,460,000	Defense Programs Funding
12,868,000	NNSA Safeguards & Security
\$777,263,000	Total Projected Funding without Minors and WFO [NOTE: This does not include ESS/Legacy pension support to SRR (PBS 14C)]

The M&O contract identifies \$46,535,000 available fee for the contract period (October 2013 through September 2014). When the fee is subtracted from the Total Projected Funding, the fee base in entire fiscal year 2014 becomes \$730,728,000.

For fiscal year 2014, EM provides 55 percent of the Total Projected Funding, while NNSA provides 45 percent. This percentage is used to allocate the contract fee between EM and NNSA. For fiscal year 2014, EM will manage \$25M of fee applied to incentive work for the evaluation period. NNSA will manage \$21M 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 2014, 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:

PBS	President's Budget	Fee Distribution
PBS 11C	\$254,992,000	\$15,267,000
PBS 12	\$43,130,000	\$2,582,000
PBS 13	\$50,137,000	\$3,002,000
PBS 30	\$51,809,000	\$3,102,000
PBS 20	\$23,339,000	\$1,397,000
EM Funding / Fee	\$423,407,000	\$25,350,000

The following is the DOE-SR EM suggested incentives summary by program for the fiscal year 2014 performance period:

Program	Objective	Subjective	Total
Nuclear Material Stabilization (AMNMSP)	\$8,900,000		\$8,900,000
Environmental Stewardship (AMIES)	\$3,490,000		\$3,490,000
Waste Disposition (AMWPD)	\$1,800,000		\$1,800,000
Landlord Services (Includes: SRNL, Planning, Infrastructure, Landlord Services, Safety, Safeguards & Security, ESSH)	\$6,160,000	\$5,000,000	\$11,160,000
Total	\$20,350,000	\$5,000,000	\$25,350,000

Attachment C, EM Performance Incentive Documents for fiscal year 2014



Performance Incentive Document

PID Number:	SRNS2014EMO	
Activity Name:	Environmental Management Operations	
WBS Number:	1.29.20.04, 1.29.20.05	
Performance Period:	October 1, 2013 - September 30, 2014	
Allocated Fee:	\$8,900,000	
Revision Number:	0	
Senior level manager/Performance Incentive Manager:	Pat McGuire Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)	
Senior technical advisor:	Allen Gunter	
Contract Performance Outcome:		
<p>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.</p>		
<u>Contract Output SRNS2014EMO-01:</u>		
Receive, characterize, and disposition materials in H-Area.		
<u>Description/Background/Justification:</u>		
<p>Activities associated with the contract outputs support receipt and disposition of vulnerable used nuclear fuels (UNF), FRR/DRR (when authorized), and down-blending of oxides for shipment to WIPP to support DOE Strategic Objectives. These objectives include:</p>		

maximizing risk reduction of surplus nuclear materials, supporting nuclear nonproliferation, and utilizing SRS facilities to disposition surplus nuclear materials.

Up to \$3,900,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.01	9/30/14	\$200,000	Ship one LEU trailer offsite for TVA contract.
Acceptance Criteria			
DOE-SR will validate the LEU shipment via the MC&A Form 741 transfer documentation for the one LEU shipment. GFSI: Vendor must be ready to receive trailers by 7/1/14.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.02	6/30/14 9/30/14	a.\$300,000 b.\$200,000	a. Complete SRE charging and dissolution. b. Transfer SRE to a sludge batch.
Acceptance Criteria			
DOE-SR will review H Canyon procedures or engineering memo documenting completion of charging, dissolution and sludge batch transfer. GFSI: SRR provides window by 7/1/14.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.03	9/30/14	\$500,000; \$125,000 fee paid each quarter.	Charge two bundles of UNF or Pu to the H Canyon dissolver or probe the dissolver twice per shift crew per quarter to maintain proficiency.
Acceptance Criteria			
DOE-SR will review H Canyon dissolver probing procedure 221-H-1987 or actual dissolver charging procedure to ensure a minimum of two actual UNF or Pu bundles or two dissolver probings were completed for each shift each quarter.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.04	9/30/14	\$500,000; \$125,000 fee paid each quarter.	Perform 1 st or 2 nd Canyon Cold Run or actual hot ops to address equipment operability and maintain operator proficiency. (Due to Liquid Waste Min., only two 1 st Cycle and two 2 nd Cycle Cold Runs per year.
Acceptance Criteria			
DOE-SR will review the completed quarterly Cold Run Operations start-up and shut-down procedures and summary data sheets for the one cold run performed for that quarter.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.05	9/30/14	\$100,000	Prepare and issue a revised H Canyon Resumption Plan each quarter.
Acceptance Criteria			
DOE-SR will review the SRNS issued quarterly H Canyon Resumption Plan to ensure appropriate elements.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014	9/30/14	\$500,000	Dissolve one batch of Pu (approximately 20 kgs).

EMO-1.06			
Acceptance Criteria			
DOE-SR will review dissolving procedures or MC&A signed data sheet.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.07	3/31/14 (a and b)	a.\$150,000	a. Implement Waste Min. action to revise the sump flush program to track transfers.
		b.\$150,000	b. Implement Waste Min. action to recycle HB-Line column waste for use in 6.4D.
	9/30/14 (c and d)	c.\$150,000	c. Implement Waste Min. action to improve neutralization formula for WAC implementation.
		d.\$150,000	d. Implement Waste Min. action to refine LAW operation and acid stripping process.
Acceptance Criteria			
DOE-SR will review the implemented Liquid Waste Minimization actions by procedure or document review.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.08	9/30/14	a.\$500,000	a. Complete HFIR planning preps with the exception of the H Canyon NCSE/DSA revision, flowsheet, hydrogen generation study, dissolver insert and storage rack design, fabrication, and installation that may not be completed if funding/staffing is limited.
	6/30/14	b.\$100,000	b. Perform evaluation of attractiveness level "C" UNF material for H-Canyon dissolution.
Acceptance Criteria			
DOE-SR will review the completed HFIR planning preps and the completed evaluation of attractiveness level "C" UNF material.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.09	9/30/14	\$250,000	Complete Canadian Liquid unloading and piping Design.
Acceptance Criteria			
DOE-SR will review Canadian HEU Liquid unloading and piping design documents.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.10	3/31/14	\$150,000	Implement all actions needed to resume WIPP blending.
Acceptance Criteria			
DOE-SR will review procedures and documents to verify ready to resume WIPP blending.			
<u>Contract Output SRNS2014EMO-02:</u>			

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 will continue with construction of Final Storage Vault.

Up to \$2,000,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.01	9/30/14	\$500,000; \$125,000 paid quarterly.	Prepare and receive off-site items in K Area.

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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.02	9/30/14	\$225,000; \$25,000 per can, invoiced quarterly.	Complete 9 Destructive Evaluation (DE) Surveillances on DOE-STD-3013 Storage Containers.

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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.03	6/30/14	\$100,000	K Area will submit to DOE the SRNS approved DSA/TSR supporting Final Storage Vault (FSV).

Acceptance Criteria

DOE-SR will review the SRNS approved DSA/TSR supporting FSV.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.04	8/31/14	\$250,000	Complete Final Storage Vault (FSV) project construction.

Acceptance Criteria

DOE-SR will review the completed FSV construction project documents.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.05	3/31/14	\$500,000	Complete Readiness Assessment on DSA Rev. 10/TSR Rev. 41 to expand K Area capabilities.
Acceptance Criteria			
DOE-SR will observe RA activities as desired and review the RA declaration of readiness.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.06	9/30/14	\$200,000; \$10,000 per can.	K Area will perform 20 Pu measurements.
Acceptance Criteria			
DOE-SR will review the non-destructive analysis measurement form.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.07	9/30/14	\$125,000	Support IAEA Inventory Inspections.
Acceptance Criteria			
DOE-SR will validate that KAC personnel provided adequate preparation and support during the IAEA Inventory inspections.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.08	9/30/14	\$100,000	Complete FSV +34 or the +48 roof replacement.
Acceptance Criteria			
DOE-SR will review the roofing subcontractors completion document or the 8Q-51 safety walkdown (OSR 20-22) completed by SRNS.			
<u>Contract Output SRNS2014EMO-03:</u>			
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.			
Up to \$1,000,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.01	3/30/14	\$100,000	Revise F-Canyon Complex Surveillance and Maintenance (S&M) Plan to allow transition to reduced S&M.
Acceptance Criteria			

DOE-SR will review the revised SRNS approved F-Canyon Complex S&M Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.02	6/30/14	a. \$50,000	a. Determine feasibility to reduce to a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel. Assumes DNFSB concurrence with proposal.
	9/30/14	b. \$50,000	b. Issue design to support a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel.
Acceptance Criteria			
DOE-SR will review the SRNS approved feasibility study for a single 292-F exhaust fan supported by a single 254-13F "SS" diesel generator and the design to support the implementation.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.03	9/30/14	\$50,000	Determine feasibility study to stop water intrusion to 221-F RR Tunnel and 800 Underground Cell.
Acceptance Criteria			
DOE-SR will review the SRNS approved water intrusion feasibility study.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.04	12/30/13	\$100,000	Submit DSA/TSR for F/H laboratory based on leak path factor evaluation.
Acceptance Criteria			
DOE-SR will review the SRNS approved DSA/TSR for the F/H lab based on leak path factor evaluation.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.05	9/30/14	\$650,000; paid at completion of each action item as noted.	SRNS will complete the following 235-F Risk Reduction Actions and provide to DOE approximately 30 days before the DOE IP commitment date as noted in the "Date" column: a. Deliver the Graded EP Drill Report (Action 3-4). (\$50,000) b. Complete a Readiness Assessment for the Deactivation BIO and submit RA Report (Action 1-4). (\$100,000) c. Complete removal, isolation, or encapsulation of Fixed Combustibles and provide a final report to DOE (Action 2a-3). (\$150,000) d. Complete Electrical De-energization scope and provide a final report to DOE (Action2b-2). (\$150,000) e. Complete installation and acceptance of the FDAS and provide a final report to DOE

			(Action 2c-3). (\$150,000) f. Complete planned cell infrastructure tasks and report completion (Action 1-3). (\$50,000)
Acceptance Criteria			
DOE-SR will review the SRNS approved and completed 235-F IP actions.			
<u>Contract Output SRNS2014EMO-04:</u>			
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 Augmenting Monitoring and Condition support to maintain the facilities in a safe and operable condition.			
Up to \$2,000,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014 EMO-4.01	9/30/14	\$500,000; \$125,000 paid quarterly	Receive and unload FRR/DRR fuel per schedule.
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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014 EMO-4.02	9/30/14	\$500,000	Complete UNF Preps for HFIR readiness with the exception of the L-Area DSA, OSA-7 and the new cask insert (if required) which are dependent on funding and staffing.
Acceptance Criteria			
DOE-SR will review the HFIR planning preps were completed with the exception of the L-Area DSA, OSA-7 and new cask insert (if required).			
Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014 EMO-4.03	6/30/14	\$500,000	Complete the removal of "cob webs" from the basin.
Acceptance Criteria			
DOE-SR will observe the basin vacuuming activities or observe the basin following the completion of corrective actions to remove the "cob webs".			

Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014 EMO-4.04	9/30/14	\$500,000	Complete NRU/NRX interim schedule milestone.
Acceptance Criteria			
DOE-SR will validate that the NRU/NRX interim milestone was completed on schedule.			



Performance Incentive Document

PID Number:	SRNS2014SW	
Activity Name:	Solid Waste	
WBS Number:	1.29.32.25	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$1,800,000	
Revision Number:	0	
Senior level manager/Performance Incentive Manager:	Terry Spears Assistant Manager for Waste Disposition Project (AMWDP)	
Senior level supervisor/division manager:	Jim Folk	
<p>Contract Performance Outcome:</p> <p>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.</p> <p>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.</p>		
<p><u>Contract Output: SRNS2014SW-01</u></p> <p>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 disposal of legacy TRU waste.</p>		

Description/Background/Justification:			
<p>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 SRS waste management. DOE Order 435.1 drives the timely disposal of wastes generated at DOE sites. The ARRA program remediated and repackaged legacy TRU wastes into WIPP compliant packaging. This waste has been WIPP certified or was identified as LLW and is awaiting disposal. Disposal of the legacy TRU is also a high priority for the State of South Carolina.</p> <p>Up to \$1,800,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.01	9/30/14	\$800,000; \$200,000 per quarter	LLW will be disposed in a timely manner such that in-storage time will be < 3 months in duration. Exceptions may be approved by DOE upon request.
Acceptance Criteria			
DOE will perform validation by reviewing, on a quarterly basis, the time in storage for the LLW not permanently disposed.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.02	6/30/14	\$400,000	TRU – Complete disposal of all legacy TRU packaged in SLB2s via TRUPACT-III shipments. Assumptions for this incentive include: 4 shipments per week; 6 week WIPP shipping outage and various non-shipping holidays during the period of performance.
Acceptance Criteria			
DOE will perform validation by reviewing the remaining legacy TRU inventory and assuring that all of the SLB2s have been disposed.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.03	9/30/14	\$500,000	Complete disposal of all legacy, contact handled, TRU waste at the WIPP Site. This includes all LLW and MLLW re-characterized from the TRU legacy program. This incentive assumes that DOE-CBFO will continue to fund characterization and shipping and provide adequate shipments. SRNS will work a 40 hour work week. Containers WMPSLB022C, WMPSLB018B, SR21524413, and SR21524414 are excluded.
Acceptance Criteria			
DOE will perform validation by reviewing Waste Inventory Tracking System (WITS) reports and documented legacy waste identified in the "Original Volume Tracking" Excel spreadsheet.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.04	9/30/14	\$100,000	A closure plan for TRU Pad 16 and modifications to the TRU Pad Volume of the Site RCRA Permit will be submitted to DOE-SR in support of submittal to SC-DHEC. The modifications will include reduction of prescriptive wording (e.g. requirement to be radiologically non-contaminated) and provide a sound technical rational for both the modifications and the closure plan.
Acceptance Criteria			
DOE will perform validation by accepting the closure plan and proposed permit modification.			



Performance Incentive Document

PID Number:	SRNS2014ACP	
Activity Name:	Area Completion Project	
WBS Number:	1.29.32.01, 1.29.32.02, 1.29.32.03, 1.29.32.04, 1.29.32.05, 1.29.32.06	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$3,490,000	
Revision Number:	0	
Senior level manager/Performance Incentive Manager:	Karen Guevara Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)	
Senior level supervisor/division manager:	Angelia Adams	
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.		
<u>Contract Output SRNS2014ACP-01:</u>		
Meet all FFA Milestones, RCRA Permit and CERCLA Record of Decision (ROD/Interim ROD) commitments due between October 1, 2013, and September 30, 2014, as described in the Federal Facility Agreement for the Savannah River Site (Administrative Document # 89-05-FF) and the SRS 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 SRS to meet regulatory requirements that will meet the Area Completion Strategy to clean up the SRS and reduce the Site 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 SRS. The regulatory and stakeholder support of the SRS depends on continued full regulatory compliance and achievement of commitments and milestones.		

Up to \$2,500,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-1.01	3/31/14	\$1,250,000	All RCRA Permit commitments and FFA milestones are achieved from October 1, 2013, through March 31, 2014.

Acceptance Criteria

All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates. Documentation is provided demonstrating that milestone/submittal dates 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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-1.02	9/30/14	\$1,250,000	All RCRA Permit commitments and FFA milestones are achieved from April 1, 2014, through September 30, 2014.

Acceptance Criteria

All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates. Documentation is provided demonstrating that milestone/submittal dates 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: SRNS2014ACP-02:

Evaluate additional EC & ACP groundwater sampling and reporting activities to identify opportunities to reduce costs within PBS-30 and ESS.

Description/Background/Justification:

In FY 2012, DOE-SR incentivized the development of a comprehensive Groundwater Monitoring and Reporting Optimization Plan and Report (SRNS2012ACP-02) that identified opportunities for optimization of monitoring networks and reductions in the long-term costs of groundwater monitoring at units where mature and established groundwater programs were underway. In 2013, DOE incentivized SRNS to negotiate and implement optimization activities consistent with the plan (SRNS2013 ES-12.01 and 12.02).

This Phase II proposal is to develop a similar Groundwater Monitoring and Report Optimization Plan that will focus on the remaining groundwater units that were not included in Phase 1 because they did not have a mature established monitoring program under RCRA/CERCLA or because they are associated with regulatory programs other than RCRA and CERCLA, such as Underground Storage Tanks, Landfills and the Clean Water Act.

Up to \$500,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-2.01	2/28/14	\$250,000	Prepare and provide to DOE ACP a Groundwater Optimization Plan by 2/28/14.

Acceptance Criteria

SRNS –EC & ACP will provide a Phase II Groundwater Monitoring and Reporting Optimization Plan that will provide for identification and documentation of opportunities for groundwater optimization of monitoring networks/reporting and reductions in the long-term costs of groundwater monitoring for groundwater units, that was not included in the Phase I Plan.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-2.02	9/30/14	\$250,000	Prepare and provide to DOE ACP a report documenting the groundwater monitoring and reporting optimization opportunities.

Acceptance Criteria

SRNS will provide a report outlining the results of the groundwater monitoring evaluation to DOE and DOE will approve. DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

Contract Output SRNS2014ACP-03 (Deferred from FY 13):

Automate environmental field and analytical data to automatically generate routine reports and improve reporting capability. Program and deploy electronic field devices to replace the use of paper logbooks to improve quality of field data collection. Program data collection system to automatically generate routine reports to improve speed and overall accuracy of data reporting.

Description/Background/Justification:

DOE SR is obligated to collect, manage, maintain and report environmental data to meet requirements of DOE Orders and environmental regulations and statutes, including DOE Order 458.1, Radiation Protection of the Public and Environment and RCRA, CAA, CWA, and CERCLA.

The Environmental Restoration Data Management System (ERDMS) is used to manage environmental monitoring data. This system requires extensive manual data review and tracking of data generating reports of varying quality. Also, field monitoring results are collected in paper logbooks and collection accuracy is highly dependent on minimizing human error. Routine reports are generated with a high level of human involvement.

Up to \$390,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-3.01	7/31/14	\$150,000	Program and deploy handheld devices to transfer monitoring data directly into ERDMS.

Acceptance Criteria

EC & ACP will demonstrate and will document the use and effectiveness of electronic handheld devices to collect field information and data transfer into ERDMS vs. the use of paper field logbooks for effluent monitoring and environmental surveillance programs.

EC & ACP will provide documentation to demonstrate compliance with site requirements including QA, software, and information control.

EC & ACP will provide documentation of benefits and provide estimate of cost, time or resource savings.

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-3.02	9/30/14	\$240,000	Modify ERDMS to automatically generate routine monitoring reports.

Acceptance Criteria

EC & ACP will demonstrate and document the development and implementation of program to generate automated environmental reports, such as the Monthly Discharge Monitoring Reports, the Monthly Radiological Releases Reports, the Wildlife Hunt Reports, and the Weekly and the Quarterly Tritium Reports by reviewing the reports for completeness, accuracy and compliance with reporting deadlines.

EC & ACP will provide documentation to demonstrate compliance with site requirements including QA, software, and information control.

EC & ACP will provide documentation of benefits and provide estimate of cost, time or resource savings.

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

Contract Output SRNS2014ACP-04:

Complete characterization of Building 690-N to support future Deactivation and Decommissioning.

Description/Background/Justification:

Building 690-N (Ford Building) is a high risk facility with significant radiological and PCB contamination. The facility is deteriorating and requires frequent maintenance to mitigate the spread of existing contamination. A Decommissioning Plan was completed and submitted to DOE in FY 13 (Contract Output SRNS2013ES-16.01) that included recommendations for characterization to quantify the nature and extent of contamination and condition to support future D&D of the facility.

The Ford Building is a steel frame/siding structure constructed in the early 1950s to test motor control packages for the R, P, L, K and C Reactors. In the 1960s, the structure was modified to support the repair and rework of Reactor heat exchangers. Key facilities and/or structures associated with 690-N include:

- 652-44N electrical substation and fuel oil containment dike (provided electricity and fuel oil for heating to the building),
- Deionizer trailer (used to remove radiological contaminants from Reactor disassembly basin water), and
- Transport trailer (utilized to haul heavy loads between Reactor areas and stored adjacent to the 690-N Building).

PCB-contaminated oils were used in milling/lathe operations for heat exchanger repair in 690-N (Ford Building). In 1997, these PCB-contaminated oils were found to have contaminated equipment and the floor in the building. An initial clean-up was performed and the residual contamination was encapsulated with a floor coating in 1998. Inspections conducted since 1998 continue to reveal areas where PCB-contaminated oil has migrated up through the floor coating, necessitating regular maintenance and reapplication of the coating material. The extent of PCB contamination below the 690-N Building is undetermined. The Deionizer trailer is not thoroughly characterized, but is assumed to contain lead and high levels of radiological contamination based on the conditions of trailers used for similar purposes at the SRS.

Up to \$100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-4.01	8/31/2014	\$100,000	Complete characterization of the 690-N Ford Building and its ancillary equipment and facilities (652-44N, Deionizer and Transport Trailers).

Acceptance Criteria

EC & ACP will complete and document characterization completion of Building 690-N and its ancillary equipment and facilities. The result are needed to support future deactivation and decommissioning and removal/remedial action(s)

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.



Performance Incentive Document

PID Number:	SRNS2014SRNL	
Activity Name:	Savannah River National Laboratory (SRNL)	
WBS Number:	Numerous	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$4,750,000	
Revision Number:	0	
Senior level manager/Performance Incentive Manager:	Karen Hooker Director, Office of Laboratory Oversight Pat McGuire Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)	
Senior technical advisor:	Patrick Jackson Jay Ray	
Contract Performance Outcome: SRNL's three-fold mission is to enable the success of SRS 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 nations' premier laboratory in Environmental Management, National & Homeland Security, and Energy Security (Source: SRNS Contract).		
<u>Contract Output: SRNS2014SRNL-01 (Pat McGuire)</u> Deliver Disposition Paths for Nuclear Material.		
Description/Background/Justification: SRS'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

SRS 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 SRS 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

SRS 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

SRS 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.

Up to \$650,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.01	9/30/14	\$225,000	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. a. Complete FY14 data set 2 analyses for # DE packages. b. Complete unloading of Series 3 of shelf life

			studies. c. Complete FY14 annual report on 9975 Life Extension o-ring test fixtures.
Acceptance Criteria			
DOE-SR will perform validation of the following: a. Loading and initial data sheets for Series 3 of shelf life studies. b. FY14 data set 2 analyses for 3013 Program. c. FY14 annual report on 9975 Life Extension o-ring test fixtures.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.02	9/30/14	\$75,000	Provide technical support to Nuclear Materials for the Spent Fuel Program. a. Complete extracted basin core testing and prepare and issue degradation evaluation report. b. Complete revision of corrosion surveillance program plan to include increase in coupon withdraw and analysis schedule; new rack material; and automated characterization and optimized corrosion analysis. c. Complete report for detailed corrosion analysis of the can-specific inventory of fuel/clad sections in oversized canister. Report to include corrosion, thermodynamic and kinetic analysis for fuel clad systems to provide estimate of fuel and internal water activity conditions. d. Complete analysis of handling and transportation challenges from L to H area in damaged and vulnerable fuel (sectioned SS, zircaloy stored in OS canisters) including evaluating particulates and hydrogen generation from radiolysis and corrosion.
Acceptance Criteria			
DOE-SR will perform validation of the following: a. Degradation evaluation report. b. Revision of corrosion surveillance program plan. c. Report on detailed corrosion analysis of the can-specific inventory of fuel/clad sections in oversized canister. d. Analysis of handling and transportation challenges from L to H area in damaged and vulnerable fuel.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.03	9/30/14	\$350,000	Develop and demonstrate flowsheets and equipment for application in H-canyon/HB-Line. Potential scope could include:

			<ul style="list-style-type: none"> a. Fabrication and deployment of crawler to inspect ventilation system. b. Flowsheet development for next set of material to be processed. c. Program to reduce the amount of waste sent to the Tank Farms. d. Provide requested support to H-Canyon for processing used Nuclear Fuel (UNF) such as Hydrogen Generation Studies.
Acceptance Criteria			
DOE-SR will perform validation of the agreed upon items for FY14.			
<p><u>Contract Output SRNS2014SRNL-02 (Karen Hooker):</u></p> <p>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.</p>			
Description/Background/Justification:			
<p>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.</p> <p>At SRS, 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 SRS has made significant progress. Tank Closure Program activities are on schedule to meet or exceed all Federal Facility Agreement commitments.</p> <p>At Hanford, construction is well underway on the Pretreatment and Vitrification facilities. SRNL experience at SRS can be utilized to support flowsheet and other technology development activities.</p> <p>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</p>			

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.

Up to \$1,245,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.01	9/30/14	\$700,000	<p>Execute scope to provide technical bases, characterization results, consultation in support of SRS Tank Waste Projects. These efforts are likely to include support for the following:</p> <ul style="list-style-type: none"> a. DWPF/Saltstone waste form, flowsheet, sludge batch qualification. Qualify next sludge batch including developing processing options and frit formulation - dependent on SRR schedule for canister production. b. Tank Farm sample characterization, corrosion program. Perform sample characterization (dependent on sample needs) and support corrosion control program. c. Tank Closure sample characterization. Characterize any closure samples received to determine residual material left in tanks. d. Salt Processing. Qualify needed salt batches and support deployment of next generation solvent. e. Tank Closure/Saltstone Waste Disposition. Support SRR PA work through modeling and experimental scope - dependent on facility needs.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.02	9/30/14	\$470,000	<p>To maintain and enhance SRNL as a pre-eminent center for research, development, and deployment of technologies to cleanup the environmental legacy of the Nation's nuclear programs, SRNL will lead and execute scope for Hanford by providing technical bases and consultation. Scope</p>

			<p>to include:</p> <ul style="list-style-type: none"> a. Continue work on "strategic" tasks for ORP initiated in FY13 - including options for dealing with Tc, waste qualification strategies, process scenario evaluations, and glass formulation approaches. This effort could move into leading and executing Grand Challenges in support of the high level waste processing system at Hanford. b. Perform work for Hanford Contractors including WRPS and WTP. Potential scope areas include continuing work on Caststone, Tc removal options, development of waste qualification equipment and approaches. c. Continue leadership of the National Laboratory Technical Authority Team in support of the WTP Full Scale Vessel Qualification Testing Program.
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Acceptance Criteria

DOE-SR will perform validation of the programs discussed above.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.03	9/30/14	\$75,000	<p>Provide technology development for EM-20. This is important to establishing SRNL as the EM National Laboratory. These efforts could include:</p> <ul style="list-style-type: none"> a. Cementitious Barriers Partnership. b. Long term glass corrosion studies. c. Potential work in separations areas.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Contract Output SRNS2014SRNL-03 (Karen Hooker):

Develop and deploy Next Generation Cleanup Technologies.

Description/Background/Justification:

The environmental cleanup of SRS 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.

SRS 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. SRS plans to make these new technologies available across the country and internationally to assist others in their own cleanup efforts. SRS 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.

Up to \$470,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.01	9/30/14	\$50,000	<p>Provide technical support for SRNS Environmental Compliance & Area Completion Projects that may include the following.</p> <ul style="list-style-type: none"> a. Provide technical support and report development to Environmental Compliance & Area Completion Projects (EC&ACP) in meeting regulatory milestones and deliverables (e.g., finalize 5 year ROD review deliverable, complete an H-tank Farm Groundwater Monitoring Plan and Sampling and Analysis Plan, complete an F-Tank Farm Groundwater Sampling and Analysis Plan, develop a Five-Year Remedy Review). b. Continue development and transition to passive environmental technologies and approaches for EC&ACP waste site remediation (e.g., T-Area). c. Continue support for operating systems and final closure of groundwater and vadose units (e.g., field sampling and analytical support for EC&ACP technology demonstrations and performance analysis for SVE operating treatment systems).

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.02	9/30/14	\$160,000	Provide technical support for SRNS Solid Waste Management. SRNL plans to:

			<ul style="list-style-type: none"> a. Develop and submit to DOE the FY 2014 Performance Assessment Maintenance Plan. b. Develop and submit to DOE the FY 2014 Composite Analysis Maintenance Plan. c. Develop and submit to DOE the FY 2013 PA Annual Review report. d. Develop and submit to DOE the FY 2013 CA Annual Review report. e. Develop and submit to SWM the UDQE to assess new modeling information. f. Complete and issue TBD reports.
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.03	9/30/14	\$100,000	<p>Provide technical development for EM-10 on Environmental Compliance (EM-11), Soil & Groundwater Remediation (EM-12), D&D and Facility Engineering (EM-13).</p> <ul style="list-style-type: none"> a. Provide LFRG technical support activities and technical support for the DOE Order 435.1 update. b. Applied Field Research Initiative (AFRI) technology development and ASCEM User Interface, Tank Demonstration, and testing at F-Area. c. In Situ Decommissioning (ISD) Sensor Network Test Bed and further ISD developments.
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.04	9/30/14	\$100,000	<p>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 the following:</p> <ul style="list-style-type: none"> a. Lead development and negotiations of new business contract(s) with Tokyo Electric Power Company (TEPCO) in Japan.

			<ul style="list-style-type: none"> b. Execute PNNL partnership to support technical scope of contract with TEPCO. c. 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.). d. Deliver emergent support to Fukushima cleanup based on EM laboratory leadership, capabilities and expertise..
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Acceptance Criteria

DOE-SR will perform validation of the following:

- a. Negotiated contract(s) with TEPCO.
- b. PNNL partnership performance.
- c. SRNL participation or leadership in governmental agency support to Fukushima remediation.
- d. Validate laboratory support to emergent Fukushima cleanup issues. Validation will include pass/fail consideration for the above listed components.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.05	9/30/14	\$60,000	Relocate the Packaging Certification Program (PCP) Docket files from Germantown, Maryland to Savannah River National Laboratory. Transition the EM-33 PCP Docket Manager from Eagle Research to SRNL.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Contract Output SRNS2014SRNL-04 (Karen Hooker):

Develop Solutions to Close and Better Secure the Nuclear Fuel Cycle.

Description/Background/Justification:

SRNL helps develop the nations' 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.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-4.01	9/30/14	\$300,000	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 SRS. As part of this mission, SRNL will develop and lead the nations used (spent) nuclear fuel cycle initiatives through participation in the DOE Fuel Cycle Research and Development (FCR&D) Program. Perform DOE-NE FCR&D program funded work activities as specified in the Program Information Collection System NE (PICSNE) defined in terms of cost, schedule and technical performance. Complete all required Level 2 and Level 3 milestones (number TBD) for the Used Fuel Disposition Campaign, Separations and Waste Forms Campaign, and Fuel Cycle Options Campaign.
Acceptance Criteria			
DOE-SR will perform validation of the following: completed reports, presentations, and publications identified in the funded DOE-NE FCR&D scope.			
<u>Contract Output SRNS2014SRNL-05 (Karen Hooker):</u>			
Reduce greenhouse gas emission via Clean Alternative Energy Project.			
Description/Background/Justification:			
<p>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.</p> <p>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 SRS 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 SRS strategic initiative and goal for EM sites.</p> <p>Up to \$325,000 of the allocated fee will be paid for this Contract Output.</p>			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-5.01	9/30/14	\$325,000	<p>The vision for SRNL is to be the nation's premier applied science laboratory in Environmental Management, National and Homeland Security, and Energy Security. As part of the efforts in Energy Security the following Clean Energy Projects will be completed :</p> <ul style="list-style-type: none"> a. Hydrogen Storage Engineering Center of Excellence-Technical Work Scope: Complete design and begin assembly of a two liter prototype cryo-adsorbent hydrogen storage prototype. b. Basic Science: Have accepted for publication in the area of energy storage and conversion three technical articles in peer reviewed journals with impact factors = >3. c. Methane opportunities for Vehicular Energy - Complete a test station for evaluation of a two liter prototype methane adsorption system meeting the DoE technical targets. d. SunShot "Low-Cost Metal Hydride Thermal Energy Storage System for Concentrating Solar Power Systems" - Complete FY14 milestone: Complete system model and evaluate at least one metal hydride material pair capable of meeting DOE SunShot thermal energy storage targets as defined in Statement of Project Objectives. e. SunShot High Temperature Corrosion Analysis of Molten Salt Systems for CSP Applications. Commission high temperature thermal gradient and fluid flow corrosion apparatus system for molten salt systems as outlined in Statement of Project Objectives (SOPQ).
Acceptance Criteria			
DOE-SR will perform validation of the following:			
<ul style="list-style-type: none"> a. EERE program management acknowledgement of requirements delivered as specified. b. Copies of acceptance letters and 2013 journal impact factors. c. Completed test station and approved HAP. d. Draft annual report for SRNL Year 2 experimental testing work to EERE SunShot review by 9/30/14. e. Draft annual report for SRNL Year 2 experimental testing work to EERE SunShot review by 9/30/14. 			

Contract Output SRNS2014SRNL-06 (Karen Hooker):

Expand the SRNL presence 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 United States Intelligence Community (USIC). 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.

Up to \$200,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-6.01	9/30/14	\$200,000	<p>The vision for SRNL is to be the nation's premier applied science laboratory in Environmental Management, National Security, and Energy Security. As part of the work on National Security, SRNL will provide technical support for DOE-IN as follows :</p> <p>a. Deliver to US Policy Makers technical reports and assessments of foreign nuclear weapons programs that have been reviewed and</p>

			<p>published by DOE-IN.</p> <p>b. Update 100% of the Nuclear Materials Information Program (NMIP) assessments for which SRNL is responsible.</p> <p>c. Promote Counter Intelligence (CI) site-wide by conducting awareness briefings and training for all on-site contractors.</p>
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Acceptance Criteria

DOE-SR will perform validation of the following:

- Technical reports and assessments of foreign nuclear weapons programs have been reviewed and published by DOE-IN.
- 100% of Nuclear Materials Information Program (NMIP) assessments for which SRNL is responsible are updated.
- CI awareness briefings and training are completed for all on-site contractors.

Contract Output SRNS2014SRNL-07 (Karen Hooker):

SRNL Infrastructure Sustainment.

Description/Background/Justification:

SRNL offers a unique combination of capabilities, equipment, and infrastructure that are not available anywhere else in the United States. 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 SRS vision targets SRNL to be the central hub as SRS expands its business segments to address DOE needs that capitalize on historic SRS competencies and capabilities. SRNL will actively seek ways to revitalize and present these assets for more wide-spread beneficial use.

Up to \$1,485,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.01	9/30/14	\$300,000	<p>SRNL will implement High Priority Safety Basis scope and nuclear infrastructure improvements as defined in the approved FY14 SVS Implementation Plan as developed between DOE-SR OLO and SRNL. This Implementation Plan will be updated as needed and on an annual basis to:</p> <p>a. Meet selected project milestones for identified</p>

			High Priority DNFSB Scopes. b. Complete Safety Basis scope improvements.
Acceptance Criteria			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.02	9/30/14	\$390,000	As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, complete A Block window replacements with no adverse impact to EM Liquid Waste mission work.
Acceptance Criteria:			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.03	9/30/14	\$695,000	As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, reduce deferred maintenance backlog by effective management of Construction Maintenance orders (CMO) and Major Maintenance scopes and effective execution of IGPP projects.
Acceptance Criteria:			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.04	9/30/14	\$100,000	As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, effectively manage the implementation of the SRNL Infrastructure Plan to minimize operational cost.
Acceptance Criteria			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
<u>Contract Output SRNS2014SRNL-8 (Karen Hooker):</u>			
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.

Up to \$75,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-8.01	9/30/14	\$75,000, paid upon completion of items a-b	<ul style="list-style-type: none"> a. Provide a framework that allows for documentation of laboratory management for 1) Effective use of partnerships (internal, academic, community, government agencies, etc.), 2) Maintenance of core competencies and retention of employees, 3) Improvement in internal business processes and goals, 4) Business unit strategies, and 5) Effective use of recommendations from external reviews. b. Proceed with implementation of the University Relations Program Plan developed in FY13.

Acceptance Criteria

DOE-SR will perform validation of the following:

- a. Documentation of the improved institutional management of SRNL.
- b. Implementation Status Report for the FY13 University Relations Plan.



Performance Incentive Document

PID Number:	SRNS2014LS		
Activity Name:	EM Landlord Services		
WBS Number:	Various / Indirect		
Performance Period:	October 1, 2013 – September 30, 2014		
Allocated Fee:	\$1,410,000		
Revision Number:	0		
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 Nick Delaplane		
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. This section includes Site Services and Business Services.			
<u>Contract Output SRNS2014LS-01:</u>			
The Contractor shall meet all SRNS agreed upon scheduled milestones to plan & execute development of SRS Sustainability initiatives and High Performance Sustainable Buildings (HPSB) program objectives to meet scheduled site sustainability goals.			
Description/Background/Justification:			
DOE has approved a Complex-wide Strategic Sustainability Performance Plan. This plan addresses such topics as greenhouse gas emission reductions, High Performance Sustainable Buildings (HPSB), water use, and pollution prevention/waste elimination. DOE sites have been tasked to make progress toward goals established for 2015 and 2020. The benchmark for the HPSB 15% reduction is defined in Executive Order (E.O.) 13514 section 2(g).			
Up to \$100,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:

SRNS2014 LS-1.01	12/31/13	\$100,000 – fee is earned by meeting all milestones.	a. Develop the FY14 Site Sustainability Plan for the Savannah River Site in accordance with the DOE-HQ annual guidance document by 12/31/13.
	1/31/14		b. Prepare the SRS Consolidated Energy Data Report (CEDR) in accordance with annual DOE-HQ guidance documentation by 1/31/14.
	9/30/14		c. Continue development of High Performance Sustainable Buildings (HPSB) Program objectives by completing the following activities: <ul style="list-style-type: none"> • Conduct lighting-specific walkdowns of facilities, to determine how to comply with the automated lighting controls objective associated required by the HPSB Guiding Principles and develop layouts summarizing how compliance will be achieved. Determine FY15 funding requirement to complete objective. • Complete metering objective by installation of meter and establishing monthly meter readings for all facilities in HPSB scope. • Update EPA Portfolio Manager database as needed to show status of HPSB objectives for all buildings

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate the FY14 SRS Annual Sustainability Plan and transmit the Plan to DOE-HQ for use in the DOE agency-wide Strategic Sustainability Performance Plan.
- Evaluate the FY14 SRS Consolidated Energy Data Report and transmit the Report to DOE-HQ for use in DOE agency-wide data collection.
- Evaluate documentation associated with the High Performance Sustainable Buildings Program including review of layouts that summarize compliance to program objectives and FY15 funding requirements.

Contract Output SRNS2014LS-02:

The Contractor shall develop and implement cost efficient approaches to reduce government

liability.

Description/Background/Justification:

Initiatives are needed to address site energy costs and infrastructure support of current and future missions. Site Services will also evaluate organizational practices to identify efficiency gains and cost improvements and achieve government liability reduction where appropriate.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-2.01	5/31/14	\$150,000	Partnering with DOE in the negotiation of a new five-year contract with South Carolina Electric & Gas Company, including the following: <ul style="list-style-type: none"> • Participate with DOE in the contract development process and negotiation of terms and costs. • Provide financial analysis through evaluation of life cycle cost options for the contract.

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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-2.02	9/30/14	\$150,000	Develop an Infrastructure Alignment Plan/Study that outlines infrastructure right sizing recommendations, including footprint reduction that will coincide with current and future missions, SRNS baseline operations and funding profile (e.g. facilities, roads, infrastructure systems, etc.) Implement infrastructure right-sizing recommendations as approved by DOE and as funding is available.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Perform walkdown of the targeted systems/processes for the scope.
- Evaluate effectiveness of recommendations.
- Validate evidence of implementation.

Contract Output SRNS2014LS-03:

The Contractor shall meet all SRNS agreed upon scheduled milestones to actively seek cost effective opportunities to reduce government liability and benefit the community through the DOE Asset Revitalization Initiatives and Programs.

Description/Background/Justification:

The identification, leveraging, revitalization, and disposition of site assets reduce EM liability, minimize lifecycle cost, and achieve Footprint reduction. Wherever it is cost effective, utilize the SRS Community Reuse Organization to provide additional opportunities to benefit the surrounding community. Site Services will continue to evaluate consolidation of facilities, services and functions for cost improvements.

Up to \$110,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-3.01	9/30/14	\$110,000	Provide liaison support for a successful transition of the privatization of the SRNS ESS Facilities Maintenance.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate documentation defining transition process.
- Review and evaluate effectiveness of the transition support.

Contract Output SRNS2014LS-04:

The Contractor shall meet all SRNS agreed upon scheduled milestones to cost effectively maintain SRS plant systems, components, structures, and also improve maintenance processes to meet site missions and positively address deferred maintenance issues.

Description/Background/Justification:

Procedure Manual 1Y, *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 requirements ensure a safe and cost effective maintenance program at SRS.

Up to \$200,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014	9/30/14	\$100,000	Continue the implementation of the Maintenance

LS-4.01			Paperless Work Package. Achieve 10% more EM paperless work packages completed in FY14 compared to the average of last four months in FY13 as baseline.
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Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Randomly sample electronic work packages.
- Evaluate trending results for EM facilities.
- Evaluate Time & Cost savings documentation.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-4.02	9/30/14	\$100,000	Continue the implementation of the Preventive Maintenance (PM) optimization process. <ul style="list-style-type: none"> • Evaluate and incorporate Predictive Maintenance (PdM) in the process. • Demonstrate savings in overall efficiency gain.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Verify the PM baseline.
- Evaluate effectiveness of the optimization process.

Contract Output SRNS2014LS-05:

The Contractor shall sustain and/or modernize site facilities/infrastructure, provide quality Shops services to achieve mission goals/milestones and ensure a safe and secure workplace for all SRS personnel.

Description/Background/Justification:

The SRS infrastructure is approaching 60 years old. Over the past 10 years, funding for infrastructure repairs/replacement declined considerably due to budget challenges. The Critical Infrastructure Integrated Priority List (CIIP) was implemented to identify the most critical projects for SRS. The Contractor will execute funded projects and provide quality Shops services to ensure a safe and secure workplace for all SRS personnel.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-5.01	9/30/14	\$300,000	Execute Infrastructure modernization/ improvement Utility system projects, sustaining activities and

			liability reduction work scope (e.g. water systems, electrical distribution system, etc.).
Acceptance Criteria			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:			
<ul style="list-style-type: none"> Evaluate Summary Report and perform field walkdown of completed activities consistent with infrastructure IPL. Review Final Acceptance Inspection (FAI) documents or Work Packages of completed work scope. Before and after photographs of completed modernization work scope as feasible. 			
<u>Contract Output SRNS2014LS-06:</u>			
<u>Real Property Asset Management</u>			
The Contractor shall meet all SRNS agreed upon scheduled milestones by leveraging the Real Property Asset Management Program and Facility Information Management System (FIMS) data to effectively manage SRS infrastructure needs.			
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 FY14. In addition, improvements to the accuracy of the SRS Actual Maintenance Cost Reporting Data will continue to be implemented for the HQ FIMS.			
Up to \$200,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-6.01	9/30/14	\$200,000.00	a. Evaluate and begin implementation of the Corrective Action Plan to more accurately capture SRS Actual Maintenance Cost Reporting. Subsequently, provide data input to support Site Planning integration. b. Demonstrate cost reduction and/or cost avoidance by: <ul style="list-style-type: none"> Integrating impacts of ARRA project completion, site housing consolidation planning, workforce restructuring, site mission changes and lessons learned from Condition Assessment Survey (CAS) inspections into the RPAM SmartPlan

			<p>(SRNS-RP-2011-00202).</p> <ul style="list-style-type: none"> • Revise RPAM SmartPlan requirements to more cost effectively implement DOE Order 430.1B. • Evaluating Facility assessments conducted by other organizations (Engineering, maintenance, Operations, etc.) for CAS applicability. <p>c. Leverage Real Property Asset Management Program (RPAM) for the Site, develop a tailored approach for the Replacement Value (RPV) of agreed upon unique/critical facilities and initiate implementation.</p> <p>d. Evaluate Facility Information Management System (FIMS) database and make recommendations for data improvements. Also, update and maintain information of over 2,000 FIMS real property records to ensure the data is accurate and reliable.</p> <p>e. Continue to perform CAS inspections to ensure SRS meets the facility condition assessment 5 year cycle.</p>
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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 Actual Maintenance Corrective Action Plan and evaluate the Cost Reporting implementation. Review and evaluate the evidence of data input to Site Planning.
- Review documentation that outlines the following:
 - Cost avoidance scenario(s) from the various integrated site impacts.
 - Assessment of cost avoidance as reported.
 - Revised Condition Assessment Survey Process that maximizes cost reduction and/or cost avoidance.
- Evaluate RPV for H-Canyon, DWPF and SRNL 773-A Lab.
- Review evidence of implementation – documentation in DOE-HQ FIMS records demonstrated by performance against metrics implementation schedule.
- Review Condition Assessment Survey (CAS) Reports for the structures inspected in

FY14. In addition, DOE-SR will perform field walk down on randomly selected completed facilities/structures and then verify that CAS data has been placed into the DOE-HQ Condition Assessment Information System (CAIS).

Contract Output SRNS2014LS-07:

Site Integrated Planning and Business Process Improvement

The Site Integrated Planning process integrates site mission planning and real property asset management. These recommendations and objectives will demonstrate improved linkage and dependencies at strategic, operational and tactical levels in support of the successful execution of the Site missions and landlord functions at SRS that includes support of all Site tenant organizations. Additionally, there will be a continued focus on improving crosscutting business processes that support the provision of services to Site missions.

Description/Background/Justification:

Execution of planned missions requires support from multiple functional organizations on site. Improving efficiency of crosscutting business processes required by these support groups will decrease cost and improve execution schedules. An additional goal is to improve those crosscutting processes.

Up to \$100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-7.01	9/30/14	\$100,000	Update the Land Use Plan to reflect the results of the DOE-SR Planning Process.

Acceptance Criteria

DOE will be provided / will review the following for validation:

- Final Draft of the revised plan for review and publication.

Contract Output SRNS2014LS-08:

Interface Management

The Contractor shall execute Interface Management with site tenants to deliver landlord services in support of mission execution.

Description/Background/Justification:

Effective implementation of site interface management process (necessary maintenance and communication of interface processes, procedures and agreements) results in the effective delivery of landlord services. This ensures an efficient process to support tenant site mission completion activities.

Annually the Interface Management Team develops a lessons learned regarding the interfaces of the tenants. These recommendations are the basis for the improvements defined in items 2 and 3.

Up to \$100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-8.01	9/30/14	\$100,000	<p>Improve the SRS Interface Management Process by supporting DOE in the implementation of the Site Policy Manual SRSPM 250.1.1B.</p> <p>Note: This improvement is defined in the 2013 Interface Management Lessons Learned developed by the Interface Management Team:</p> <ol style="list-style-type: none"> 1. Providing support in developing a matrix of current contractor (SRNS, SRR, MOX, SWPF, WSI) applicability for each policy. 2. Provide suggested handling strategies for the major contract omissions (i.e. contract modification, policy modification...)
Acceptance Criteria			
DOE-SR will review the Contractor Applicability Matrix and suggested handling strategies.			



Performance Incentive Document

PID Number:	SRNS2014SUBJ	
Activity Name:	Management & Operations - Subjective	
WBS Number:	Various / Indirect	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$5,000,000	
Revision Number:	0	
Senior level manager:	Doug Hintze Assistant Manager Mission Support (AMMS)	
Senior level supervisor/division manager:	Nick Delaplane	
<p>Contract Performance Outcome:</p> <p>Operations Support</p> <p>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.</p> <p>Business Services</p> <p>The Contractor shall provide general planning, management and administrative services for all its activities and for other organizations as directed by the CO.</p>		
<p><u>Contract Output SRNS2014SUBJ-01:</u></p> <p>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 2014 authorized scope.</p> <p>This Contract Output will receive an adjectival grade and numerical score. In order to</p>		

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.

Adjectival Rating	Percent of allocable fee	Definition
Excellent	91% - 100%	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.
Very Good	76% - 90%	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.
Good	51% to 75%	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.
Satisfactory	1% to 50%	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.
Unsatisfactory	0%	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.

Description/Background/Justification:

To achieve its vision and implement all desired management improvement efforts will require an organized, systematic approach to project execution. EM has developed and implemented 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.

The IPT, as identified in the PEMP, will conduct informal surveys of the following organizations in order to solicit feedback related to contractor performance in the areas of Business Relations, Technical Quality, Cost Control and Schedule (timeliness):

Assistant Manager for Infrastructure and Environmental Stewardship (AMIES)

Assistant Manager for Mission Support (AMMS)

- Assistant Manager for Integration and Planning (AMIP)
- Office of Acquisition Management (OAM)
- Office of Human Capital Management (OHCM)

Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)

Assistant Manager for Waste Disposition Project (AMWDP)

Office of Field Chief Financial Officer (CFO)

Office of Chief Counsel (OCC)

Office of Civil Rights (OCR)

Office of External Affairs (OEA)

Office of Laboratory Oversight (OLO)

Office of Safety and Quality Assurance (OSQA)

Office of Safeguards, Security and Emergency Services (OSSES)

SRNS organizations will provide monthly self-assessments throughout the performance period to provide contractor feedback in cross-cutting areas of performance, such as safety, efficient use of trained and qualified human capital, quality, continuous improvement, cost effectiveness, timeliness of deliverables, compliance with contract, etc. The self-assessments will be 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. These self-assessments will be captured on the electronic web-based DOE Scorecard and used to facilitate enhanced communication between DOE-SR and SRNS.

These assessments are critical to record contract performance that is considered implicit, or subjective. Clear measures will be 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.

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, which will consider the related conditions under which the work was performed and the contractor's specific performance as measured against the government's objective.

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.

Per contract clause 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.

Up to \$2,610,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SUBJ-1.01	9/30/14	\$5,000,000	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 and G&A).
Acceptance Criteria			
DOE-SR will review the contractor monthly report 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.			

Attachment D, NNSA Performance Incentive Documents for fiscal year 2014

[Reference Modification 402, dated 9/30/13]

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES									
				1	2								
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.									
0405		09/30/2013		13EM003253									
5. PROJECT NO. (If applicable)		6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)									
		CODE 00901		CODE 00901									
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		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)		9A. AMENDMENT OF SOLICITATION NO.											
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)											
		9B. DATED (SEE ITEM 11)											
		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470											
CODE 798861048		FACILITY CODE		10B. DATED (SEE ITEM 13)									
				01/10/2008									
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS													
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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:		\$8,816,032.61									
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CHECK ONE</td> <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></td> <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></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td>X</td> <td>D. OTHER (Specify type of modification and authority) DEAR 970.5232-4 Obligation of Funds (2000)</td> </tr> </table>						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)
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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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 (Department of Energy (DOE), in accordance with SRNS FINPLAN 30. Funds in the amount of \$8,816,032.61 are hereby obligated to CLIN 0001, thereby increasing it from \$4,735,838,130.72 to \$4,744,654,163.33.													
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 \$6,135,566,474.55 to \$6,144,382,507.16.													
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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)											
		James Lovett											
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA									
(Signature of person authorized to sign)				(Signature of Contracting Officer)									
				09/30/2013									

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0405	2	2

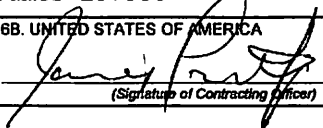
CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0405	2	2

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0405	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0406		09/30/2013		13EM003253	
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
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 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)				9A. AMENDMENT OF SOLICITATION NO.	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421				(x)	
				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		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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: \$275,544.42	
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 <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 Commercial), in accordance with SRNS FINPLAN 30. Funds in the amount of \$275,544.42 are hereby obligated to CLIN 0001, thereby increasing it from \$4,744,654,163.33 to \$4,744,929,707.75.					
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 \$6,144,382,507.16 to \$6,144,658,051.58.					
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)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			James Lovett		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)	
				16C. DATE SIGNED 09/30/2013	

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES									
				1	2								
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.									
0407		09/30/2013		13EM003253									
6. ISSUED BY		CODE		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		00901		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)		(x) 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)											
		X 10A. MODIFICATION OF CONTRACT/ORDER NO.		DE-AC09-08SR22470									
		10B. DATED (SEE ITEM 13)		01/10/2008									
CODE 798861048		FACILITY CODE											
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS													
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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) <div style="float: right;"> Net Increase: \$763,742.68 </div>													
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">CHECK ONE</td> <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></td> <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></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td>X</td> <td>D. OTHER (Specify type of modification and authority) DEAR 970.5232-4 Obligation of Funds (2000)</td> </tr> </table>						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)
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 <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 accordance with SRNS FINPLAN 30 as cited below: 1) Department of Defense - (-\$373.32) 2) Department of Homeland Security - \$35,714.00 3) Other - \$728,402.00 Total amount obligated \$763,742.68, thereby increasing it from \$4,744,929,707.75 to \$4,745,693,450.43.													
B. 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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)											
		James Lovett											
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA									
				09/30/2013									
(Signature of person authorized to sign)		(Signature of Contracting Officer)											
NSN 7540-01-152-8070 Previous edition unusable													
STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243													

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0407	2	2

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from \$6,144,658,051.58 to \$6,145,421,794.26.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>FOB: Destination</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 14	
2. AMENDMENT/MODIFICATION NO. 0408		3. EFFECTIVE DATE 10/01/2013		4. REQUISITION/PURCHASE REQ. NO.	
6. ISSUED BY Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		CODE 00901		5. PROJECT NO. (If applicable)	
		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		CODE 00901	
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		(x)		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		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 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 970.5243-1 Changes (Dec 2000)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not. <input checked="" type="checkbox"/> is required to sign this document and return <u>0</u> 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 clauses under Part I - The Schedule, Section H - Special Contract Requirements in according to guidelines outlined in Acquisition Letter No AL-2013-09, dated June 28, 2013. Accordingly, the sections cited below are hereby deleted in their entirety and replaced with updated clauses provided on pages 2 through 14, of this modification: 1) H.14, Employee Compensation: Pay and Benefits 2) H.56, Workers' Compensation Insurance, and 3) H-58, Post Contract Responsibilities for Pension and Other Benefit Plans 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)			
		James Lovett			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				(Signature of Contracting Officer)	
				16C. DATE SIGNED 10/01/2013	
NSN 7540-01-152-8070 Previous edition unusable		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243			

SF30 Block 14

H.14 EMPLOYEE COMPENSATION: PAY AND BENEFITS

(a) Contractor Employee Compensation Plan

The Contractor shall submit, for Contracting Officer approval, **by close of contract transition**, a Contractor Employee Compensation Plan (to be submitted during contract transition only) demonstrating how the Contractor will comply with the requirements of this Contract. The Contractor Employee Compensation Plan shall describe the Contractor's policies regarding compensation, pensions and other benefits, and how these policies will support at reasonable cost the effective recruitment and retention of a highly skilled, motivated, and experienced workforce.

A description of the Contractor Employee Compensation Program should include the following components;

- a. Philosophy and strategy for all pay delivery programs.
- b. System for establishing a job worth hierarchy.
- c. Method for relating internal job worth hierarchy to external market.
- d. System that links individual and/or group performance to compensation decisions.
- e. Method for planning and monitoring the expenditure of funds.
- f. Method for ensuring compliance with applicable laws and regulations.
- g. System for communicating the programs to employees.
- h. System for internal controls and self-assessment.
- i. System to ensure that reimbursement of compensation, including stipends, for employees who are on joint appointments with a parent or other organization shall be on a pro-rated basis.

(b) Total Compensation System

The Contractor shall develop, implement and maintain formal policies, practices and procedures to be used in the administration of its compensation system consistent with FAR 31.205-6 and DEAR 970.3102-05-6; "Compensation for Personal Services" ("Total Compensation System"). DOE-approved standards (e.g., set forth in an advance understanding or appendix), if any, shall be applied to the Total Compensation System. The Contractor's Total Compensation System shall be fully documented, consistently applied, and acceptable to the Contracting Officer. Costs incurred in implementing the Total Compensation System shall be consistent with the Contractor's documented Contractor Employee Compensation Plan as approved by the Contracting Officer.

(c) Reports and Information

The Contractor shall provide the Contracting Officer with the following reports and information with respect to pay and benefits provided under this Contract:

- (1) An Annual Contractor Salary-Wage Increase Expenditure Report to include, at a minimum, breakouts for merit, promotion, variable pay, special adjustments, and structure movements for each pay structure showing actual against approved amounts.
- (2) A list of the top five most highly compensated executives as defined in FAR 31.205-6(p)(2)(ii) and their total cash compensation at the time of Contract award, and at the time of any subsequent change to their total cash compensation. This should be the same information provided to the Central Contractor Registration (CCR) per FAR 52.204-10.
- (3) An Annual Report of Contractor Expenditures for Employee Supplemental Compensation no later than March 1 of each year.

(d) Pay and Benefit Programs

The Contractor shall establish pay and benefit programs for Incumbent Employees and Non-Incumbent Employees as defined in paragraphs (1) and (2) below; provided, however, that employees scheduled to work fewer than 20 hours per week receive only those benefits required by law. Employees are eligible for benefits, subject to the terms, conditions, and limitations of each benefit program.

- (1) Incumbent Employees are the employees **who hold regular appointments or who are regular employees** of the incumbent contractor.

(A) Pay. Subject to the Workforce Transition Clause, the Contractor shall provide equivalent base pay to Incumbent Employees as compared to pay provided by **WSRC** for at least the first year of the term of the Contract.

(B) Pension and Other Benefits. The Contractor shall provide a total package of benefits to Incumbent Employees comparable to that provided by **WSRC**. Comparability of the total benefit package shall be determined by the CO in his/her sole discretion.

Incumbent Employees shall remain in their existing pension plans (or comparable successor plans if continuation of the existing plans is not practicable) pursuant to pension plan eligibility requirements and applicable law.

- (2) Non-Incumbent Employees are new hires, i.e., employees other than Incumbent Employees who are hired by the Contractor after date of award. All Non-Incumbent Employees shall receive a total pay and benefits package that provides for market-based retirement and medical benefit plans that are competitive with the industry from which the Contractor recruits its employees and in accordance with Contract requirements.

- (3) Cash Compensation

(A) The Contractor shall submit the following to the Contracting Officer for a determination of cost allowability for reimbursement under the Contract:

(i) Any proposed major compensation program design changes prior to implementation.

(ii) An Annual Compensation Increase Plan (CIP). The Compensation Increase Plan (CIP) should include the following components and data:

(1) Comparison of average pay to market average pay.

(2) Information regarding surveys used for comparison.

(3) Aging factors used for escalating survey data and supporting information.

(4) Projection of escalation in the market and supporting information.

(5) Information to support proposed structure adjustments, if any.

(6) Analysis to support special adjustments.

(7) Funding requests for each pay structure to include breakouts of merit, promotions, variable pay, special adjustments, and structure movement.

(a) The proposed plan totals shall be expressed as a percentage of the payroll for the end of the previous plan year. (b) All pay actions granted under the compensation increase plan are fully charged when they occur regardless of time of year in which the action transpires and whether the employee terminates before year end. (c) Specific payroll groups (e.g., exempt, nonexempt) for which CIP amounts are intended shall be defined by mutual agreement between the contractor and the Contracting Officer. (d) The Contracting Officer may adjust the CIP amount after approval based on major changes in factors that significantly affect the plan amount (for example, in the event of a major reduction in force or significant ramp-up).

(8) A discussion of the impact of budget and business constraints on the CIP amount.

(9) Comparison of pay to relevant factors other than market average pay.

(iii) Individual compensation actions for the top contractor official (e.g., laboratory director/plant manager or equivalent) and key personnel not included in the CIP. For those key personnel included in the CIP, DOE will approve salaries upon the initial contract award and when key personnel are replaced during the life of the contract. DOE will have access to all individual salary reimbursements. This access is provided for transparency; DOE will not approve individual salary actions (except as previously indicated).

(B) The Contracting Officer's approval of individual compensation actions will be required only for the top contractor official (e.g., laboratory director/plant manager or equivalent) and key personnel as indicated in (e)(3)(A)(iii) above. The base salary reimbursement level for the top contractor official establishes the maximum allowable salary reimbursement under the contract. Unusual

circumstances may require a deviation for an individual on a case-by-case basis. Any such deviations must be approved by the Contracting Officer.

(C) Severance Pay is not payable to an employee under this Contract if the employee:

- (i) Voluntarily separates, resigns or retires from employment,
- (ii) Is offered employment with a successor/replacement contractor,
- (iii) Is offered employment with a parent or affiliated company, or
- (iv) Is discharged for cause.

(D) Service Credit for purposes of determining severance pay does not include any period of prior service for which severance pay has been previously paid through a DOE cost-reimbursement contract.

(e) Pension and Other Benefit Programs

(1) No presumption of allowability will exist when the Contractor implements a new benefit plan or makes changes to existing benefit plans for Employees or until the Contracting Officer makes a determination of cost allowability for reimbursement for new or changed benefit plans.

(2) Cost reimbursement for Employee pension and other benefit programs sponsored by the Contractor will be based on the Contracting Officer's approval of Contractor actions pursuant to an approved "Employee Benefits Value Study" and an "Employee Benefits Cost Survey Comparison" as described below.

(3) Unless otherwise stated, or as directed by the Contracting Officer, the Contractor shall submit the studies required in paragraphs (A) and (B) below. The studies shall be used by the Contractor in calculating the cost of benefits under existing benefit plans. An Employee Benefits Value (Ben-Val) Study Method using no less than 15 comparator organizations and an Employee Benefits Cost Survey comparison Method shall be used in this evaluation to establish an appropriate comparison method. In addition, the Contractor shall submit updated studies to the Contracting Officer for approval prior to the adoption of any change to a pension or other benefit plan.

(A) The Ben-Val, every two years for each benefit tier (e.g., group of employees receiving a benefit package based on date of hire), which is an actuarial study of the relative value (RV) of the benefits programs offered by the Contractor to Employees measured against the RV of benefit programs offered by comparator companies approved by the Contracting Officer. To the extent that the value studies do not address post retirement benefits other than pensions, the Contractor shall provide a separate cost and plan design data comparison for the post retirement benefits other than pensions using external benchmarks derived from nationally recognized and Contracting Officer approved survey sources and,

(B) An Employee Benefits Cost Study Comparison, annually for each benefit tier that analyzes the Contractor's employee benefits cost for Employees on a per capita basis per full time equivalent employee and as a percent of payroll and compares it with the cost reported by the U.S. Department of Labor's Bureau of Labor Statistics or other Contracting Officer approved broad based national survey.

(4) When the net benefit value exceeds the comparator group by more than five percent, the Contractor shall submit a corrective action plan to the Contracting Officer for approval, unless waived by the Contracting Officer.

(5) When the average total benefit per capita cost or total benefit cost as a percent of payroll exceeds the comparator group by more than five percent, the Contractor shall submit an analysis of the specific plan costs that are above the per capita cost range or total benefit cost as a percent of payroll and a corrective action plan to achieve conformance with a Contracting Officer directed per capita cost range or total benefit cost as a percent of payroll, unless waived by the Contracting Officer.

(6) Within two years of Contracting Officer approval of the Contractor's corrective action plan, the Contractor shall align employee benefit programs with the benefit value and per capita cost range or percent of payroll as approved by the Contracting Officer.

(7) The Contractor may not terminate any benefit plan during the term of the Contract without the prior approval of the Contracting Officer in writing.

(8) Cost reimbursement for post-retirement benefits other than pensions (PRBs) is contingent on DOE approved service eligibility requirements for PRB that shall be based on a minimum period of continuous employment service not less than 5 years under a DOE cost reimbursement contract(s) immediately prior to retirement. Unless required by Federal or State law, advance funding of PRBs is not allowable.

(9) Each contractor sponsoring a pension and/or postretirement benefit plan will participate in the annual plan management process which includes written responses to a questionnaire regarding plan management, providing forecasted estimates of future reimbursements in connection with the plan and participating in a conference call to discuss the contractor submission (see (g)(6) below for Pension Management Plan requirements).

(10) Each contractor will respond to quarterly data calls issued through Ibenefits, or its successor system.

(f) Establishment and Maintenance of Pension Plans for which DOE Reimburses Costs

(1) Employees working for the Contractor shall only accrue credit for service under this Contract after the date of Contract award.

(2) Except for Commingled Plans in existence as of the effective date of the contract, any pension plan maintained by the Contractor for which DOE reimburses costs, shall be maintained as a separate pension plan distinct from any other pension plan that provides credit for service not performed under a DOE cost-reimbursement contract. When deemed appropriate by the Contracting Officer, Commingled Plans shall be converted to separate plans at the time of new contract award or the extension of a contract.

(g) Basic Requirements

The Contractor shall adhere to the requirements set forth below in the establishment and administration of pension plans that are reimbursed by DOE pursuant to cost reimbursement contracts for management and operation of DOE facilities and pursuant to other cost reimbursement facilities contracts. Pension Plans include Defined Benefit and Defined Contribution plans.

(1) The Contractor shall become a sponsor of the existing pension and other benefit plans (or comparable successor plans), including other post-retirement benefit (PRB) plans, as applicable, with responsibility for management and administration of the plans. The Contractor shall be responsible for maintaining the qualified status of those plans consistent with the requirements of ERISA and the Internal Revenue Code (IRC). The Contractor shall carry over the length of service credit and leave balances accrued as of the date of the Contractor's assumption of Contract performance.

(2) DOE approval is required prior to implementing any change to a pension plan covering prime cost reimbursement contracts for management and operation of DOE facilities and other contracts when designated. Changes shall be in accordance with and pursuant to the terms and conditions of the contract.

(3) Each contractor pension plan shall be subjected to a limited-scope audit annually that satisfies the requirements of ERISA section 103, except that every third year the contractor must conduct a full-scope audit satisfying ERISA section 103. Alternatively, the contractor may conduct a full-scope audit satisfying ERISA section 103 annually. In all cases, the Contractor must submit the audit results to the Contracting officer. In years in which a limited scope audit is conducted, the contractor must provide the Contracting officer with a copy of the qualified trustee or custodian's certification regarding the investment information that provides the basis for the plan sponsor to satisfy reporting requirements under ERISA section 104.

(4) For existing Commingled Plans, the Contractor shall maintain and provide annual Separate Accounting of DOE liabilities and assets as for a Separate Plan.

(5) For existing Commingled Plans, the Contractor shall be liable for any shortfall in the plan assets caused by funding or events unrelated to DOE contracts.

(6) The Contractor shall comply with the requirements of ERISA if applicable to the pension plan and any other applicable laws.

(7) The Pension Management Plan shall include the following:

(A) A Pension Management Plan (PMP) discussing the Contractor's plans for management and administration of all pension plans consistent with the terms of this contract. The PMP shall be updated and submitted to the Contracting Officer in draft annually no later than 45 days after the last day of the Plan year along with its draft actuarial valuation.

(B) Within thirty (30) days after the date of the submission, appropriate Contractor representatives shall meet with the Contracting Officer to discuss the Contractor's proposed draft annual update of the PMP to specifically discuss any anticipated changes in the projected pension contributions from the prior year's contributions and any discrepancies between the actual contributions made for the most recent year preceding that meeting and the projected contributions for that year which the Contractor had submitted to the Contracting Officer the prior year. The annual revision of the PMP shall include:

(i) The Contractor's best projection of the contributions which it will be legally obligated to make to the pension plan(s), beginning with the required contributions for the coming fiscal year, based on the latest actuarial valuation, and continuing for the following four years. This estimate will be based upon compliance with all applicable legal requirements relating to the determination of contributions and upon the assumptions set out in the plan document(s).

(ii) If the actuarial valuation submitted pursuant to the annual PMP update indicates that the sponsor of the pension plan must impose pension plan benefit restrictions, the Contractor shall provide the following information:

(aa) The type of benefit restriction that will take place,

(bb) The number of Contractor employees that potentially could be impacted and the nature of the restriction (e.g., financial impact) by imposition of the required benefit restriction, and

(cc) The amount of money that would need to be contributed to the pension plan to avoid legally required benefit restrictions.

(iii) A detailed discussion of how the Contractor intends to manage the pension plan(s) to maximize the contribution predictability (i.e. forecasting accuracy) and contain current and future costs, to include rationale for selection of all plan assumptions that determine the required contributions and which impact the level and predictability of required contributions. The Contractor is required to annually establish a long term (e.g. five year) plan that outlines the projected retirement plan costs, and any planned action steps to be taken to better manage predictability. The

contractor must also share the following information with the Department during the meeting:

- (aa) Strategy for achieving and maintaining fully-funded status of the plan(s).
- (bb) Investment policy statement for the plan, with any recent updates.
- (cc) Results of recent asset liability studies (required to be preformed every 3 years or after a significant event) including rational for maintaining current asset allocation strategy.
- (dd) Comparison of budget projections submitted to the Department to actual contributions.
- (ee) Any recent reports, findings, or recommendations provided by plan's investment consultant.
- (ff) Actuarial experience studies to set the plan's actuarial assumptions (required to be performed every 3-5 years).

(iv) An assessment to evaluate the effectiveness of the Contractor's pension plan(s) investment management/results. The assessment shall include at a minimum: a review and analysis of pension plan investment objectives; the strategies employed to achieve those objectives; the methods used to monitor execution of those strategies and the achievement of the investment objectives; and a comparative analysis of the objectives and performance of other comparable pension plans. The Contractor shall also identify its plans, if any, for revising any aspect of its pension plan management based on the results of the review.

(h) Reimbursement of Contractors for Contributions to Defined Benefit Pension Plans

(1) Contractors that sponsor single employer or multiple employer defined benefit pension plans will be reimbursed for the annual required minimum contributions under the Employee Retirement Income Security Act (ERISA), as amended by the Pension Protection Act (PPA) of 2006. Reimbursement above the annual minimum required contribution will require prior approval of the Contracting Officer. Reimbursement amounts will take into consideration all pre-funding balances and funding standard carryover balances.

(2) Contractors that sponsor multi-employer DB pension plans will be reimbursed for pension contributions in the amounts necessary to ensure that the plans are funded to meet the annual minimum requirement under ERISA, as amended by the PPA. However, reimbursement for pension contributions above the annual minimum contribution required under ERISA, as amended by the PPA, will require prior approval of the Contracting Officer and will be considered on a case by case basis. Reimbursement amounts will take into consideration all pre-funding balances and funding standard carryover balances.

(i) Reporting Requirements for Designated Contracts

The following reports shall be submitted to DOE as soon as possible after the last day of the plan year by the contractor responsible for each designated pension plan funded by DOE but no later than the dates specified below:

- (1) **Actuarial Valuation Reports.** The annual actuarial valuation report for each DOE-reimbursed pension plan and when a pension plan is commingled, the contractor shall submit separate reports for DOE's portion and the plan total by the due date for filing IRS Form 5500.
- (2) **Forms 5500.** Copies of IRS Forms 5500 with Schedules for each DOE-funded pension plan, no later than that submitted to the IRS.
- (3) **Forms 5300.** Copies of all forms in the 5300 series submitted to the IRS that document the establishment, amendment, termination, spin-off, or merger of a plan submitted to the IRS.

(j) **Changes to Pension Plans**

At least sixty (60) days prior to the adoption of any changes to a pension plan, the Contractor shall submit the information required below, as applicable, to the Contracting Officer for approval or disapproval and a determination as to whether the costs are deemed allowable pursuant to FAR 31.205-6, as supplemented by DEAR 970.3102-05-6.

- (1) For proposed changes to pension plans and pension plan funding, the Contractor shall provide the following to the Contracting Officer:

- (A) a copy of the current plan document (as conformed to show all prior plan amendments), with the proposed new amendment indicated in redline/strikeout;
- (B) an analysis of the impact of any proposed changes on actuarial accrued liabilities and costs;
- (C) except in circumstances where the Contracting Officer indicates that it is unnecessary, a legal explanation of the proposed changes from the counsel used by the plan for purposes of compliance with all legal requirements applicable to private sector defined benefit pension plans;
- (D) the Summary Plan Description; and,
- (E) any such additional information as requested by the Contracting Officer.

- (2) Contractors shall submit new benefit plans and changes to plan design or funding methodology with justification to the Contracting Officer for approval. The justification must:

- (A) demonstrate the effect of the plan changes on the contract net benefit value or per capita benefit costs,
- (B) provide the dollar estimate of savings or costs, and
- (C) provide the basis of determining the estimated savings or cost.

(k) Terminating Operations

When operations at a designated DOE facility are terminated and no further work is to occur under the prime contract, the following apply:

- (1) No further benefits for service shall accrue.
- (2) The Contractor shall provide a determination statement in its settlement proposal, defining and identifying all liabilities and assets attributable to the DOE contract.
- (3) The Contractor shall base its pension liabilities attributable to DOE contract work on the market value of annuities or lump sum payments or dispose of such liabilities through a competitive purchase of annuities or lump sum payouts.
- (4) Assets shall be determined using the "accrual-basis market value" on the date of termination of operations.
- (5) DOE and the Contractor(s) shall establish an effective date for spinoff or plan termination. On the same day as the contractor notifies the IRS of the spinoff or plan termination, all plan assets assigned to a spun-off or terminating plan shall be placed in a low-risk liability matching portfolio until the successor trustee, or an insurance company, is able to assume stewardship of those assets.

(l) Terminating Plans

- (1) DOE contractors shall not terminate any pension plan (Commingled or site specific) without requesting Departmental approval at least 60 days prior to the scheduled date of plan termination.
- (2) To the extent possible, the contractor shall satisfy plan liabilities to plan participants by the purchase of annuities through competitive bidding on the open annuity market or lump sum payouts. The contractor shall apply the assumptions and procedures of the Pension Benefit Guaranty Corporation.
- (3) Funds to be paid or transferred to any party as a result of settlements relating to pension plan termination or reassignment shall accrue interest from the effective date of termination or reassignment until the date of payment or transfer.
- (4) If ERISA or IRC rules prevent a full transfer of excess DOE reimbursed assets from the terminated plan, the contractor shall pay any deficiency directly to DOE according to a schedule of payments to be negotiated by the parties.
- (5) On or before the same day as the contractor notifies the IRS of the spinoff or plan termination, all plan assets assigned to a spun-off or terminating plan shall be placed in a low-risk liability matching portfolio until the successor trustee, or an insurance company, is able to

assume stewardship of those assets.

(6) DOE liability to a Commingled pension plan shall not exceed that portion which corresponds to DOE contract service. The DOE shall have no other liability to the plan, to the plan sponsor, or to the plan participants.

(7) After all liabilities of the plan are satisfied, the contractor shall return to DOE an amount equaling the asset reversion from the plan termination and any earnings which accrue on that amount because of a delay in the payment to DOE. Such amount and such earnings shall be subject to DOE audit. To effect the purposes of this paragraph, DOE and the contractor may stipulate to a schedule of payments.

(m) Special Programs

Contractors must advise DOE and receive prior approval for each early-out program, window benefit, disability program, plan-loan feature, employee contribution refund, asset reversion, or incidental benefit.

(n) Definitions

(1) **Commingled Plans.** Cover employees from the contractor's private operations and its DOE contract work.

(2) **Current Liability.** The sum of all plan liabilities to employees and their beneficiaries. Current liability includes only benefits accrued to the date of valuation. This liability is commonly expressed as a present value.

(3) **Defined Benefit Pension Plan.** Provides a specific benefit at retirement that is determined pursuant to the formula in the pension plan document.

(4) **Defined Contribution Pension Plan.** Provides benefits to each participant based on the amount held in the participant's account. Funds in the account may be comprised of employer contributions, employee contributions, investment returns on behalf of that plan participant and/or other amounts credited to the participant's account.

(5) **Designated Contract.** For purposes of this clause, a contract (other than a prime cost reimbursement contract for management and operation of a DOE facility) for which the Head of the Departmental Contracting Activity determines that advance pension understandings are necessary or where there is a continuing Departmental obligation to the pension plan.

(6) **Pension Fund.** The portfolio of investments and cash provided by employer and employee contributions and investment returns. A pension fund exists to defray pension plan benefit outlays and (at the option of the plan sponsor) the administrative expenses of the plan.

(7) **Separate Accounting.** Account records established and maintained within a commingled plan for assets and liabilities attributable to DOE contract service. NOTE: The assets so

represented are not for the exclusive benefit of any one group of plan participants.

(8) **Separate Plan.** Must satisfy IRC Sec. 414(l) definition of a single plan, designate assets for the exclusive benefit of employees under DOE contract, exist under a separate plan document (having its own DOL plan number) that is distinct from corporate plan documents and identify the contractor as the plan sponsor.

(9) **Spun-off Plan.** A new plan which satisfies IRC Reg. 1.414 (l)-1 requirements for a single plan and which is created by separating assets and liabilities from a larger original plan. The funding level of each individual participant's benefits shall be no less than before the event, when calculated on a "plan termination basis."

(End of clause)

H.56 WORKER'S COMPENSATION INSURANCE

(a) Contractors, other than those whose workers' compensation coverage is provided through a state funded arrangement or a corporate benefits program, shall submit to the Contracting Officer for approval all new compensation policies and all initial proposals for self-insurance (contractors shall provide copies to the Contracting Officer of all renewal policies for workers compensation).

(b) Workers compensation loss income benefit payments, when supplemented by other programs (such as salary continuation, short-term disability) are to be administered so that total benefit payments from all sources shall not exceed 100 percent of the employee's net pay.

(c) Contractors approve all workers compensation settlement claims up to the threshold established by the Contracting Officer for DOE approval and submit all settlement claims above the threshold to DOE for approval.

(d) The Contractor shall obtain approval from the CO before making any significant change to its workers compensation coverage and shall furnish reports as may be required from time to time by the CO.

(End of clause)

H.58 POST CONTRACT RESPONSIBILITIES FOR PENSION AND OTHER BENEFIT PLANS

(a) If this Contract expires or terminates and DOE has awarded a contract under which the new contractor becomes a sponsor and assumes responsibility for management and administration of the pension or other benefit plans covering active or retired contractor employees with respect to service at **Savannah River Site** (collectively, the "Plans"), the Contractor shall cooperate and transfer to the new contractor its responsibility for sponsorship,

management and administration of the Plans consistent with direction from the Contracting Officer. If a Commingled plan is involved, the contractor shall:

- (1) Spin off the DOE portion of any Commingled Plan used to cover employees working at the DOE facility into a separate plan. The new plan will normally provide benefits similar to those provided by the commingled plan and shall carry with it the DOE assets on an accrual basis market value, including DOE assets that have accrued in excess of DOE liabilities.
 - (2) Bargain in good faith with DOE or the successor contractor to determine the assumptions and methods for establishing the liabilities involved in a spinoff. DOE and the contractor(s) shall establish an effective date of spinoff. On or before the same day as the contractor notifies the IRS of the spinoff or plan termination, all plan assets assigned to a spun-off or terminating plan shall be placed in a low-risk liability matching portfolio until the successor trustee, or an insurance company, is able to assume stewardship of those assets.
- (b) If this Contract expires or terminates and DOE has not awarded a contract to a new contractor under which the new contractor becomes a sponsor and assumes responsibility for management and administration of the Plans, or if the Contracting Officer determines that the scope of work under the Contract has been completed (any one such event may be deemed by the Contracting Officer to be "Contract Completion" for purposes of this clause), whichever is earlier, and notwithstanding any other obligations and requirements concerning expiration or termination under any other clause of this Contract, the following actions shall occur regarding the Contractor's obligations regarding the Plans at the time of Contract Completion:
- (1) Subject to subparagraph (2) below, and notwithstanding any legal obligations independent of the Contract the Contractor may have regarding responsibilities for sponsorship, management, and administration of the Plans, the Contractor shall remain the sponsor of the Plans, in accordance with applicable legal requirements.
 - (2) The parties shall exercise their best efforts to reach agreement on the Contractor's responsibilities for sponsorship, management and administration of the Plans prior to or at the time of Contract Completion. However, if the parties have not reached agreement on the Contractor's responsibilities for sponsorship, management and administration of the Plans prior to or at the time of Contract Completion, unless and until such agreement is reached, the Contractor shall comply with written direction from the Contracting Officer regarding the Contractor's responsibilities for continued provision of pension and welfare benefits under the Plans, including but not limited to continued sponsorship of the Plans, in accordance with applicable legal requirements. To the extent that the Contractor incurs costs in implementing direction from the Contracting Officer, the Contractor's costs will be reimbursed pursuant to applicable Contract provisions.

(End of clause)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0410		3. EFFECTIVE DATE 10/08/2013		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		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		CODE 00901	
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 CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 798861048		FACILITY CODE		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	D. OTHER (Specify type of modification and authority) 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.)

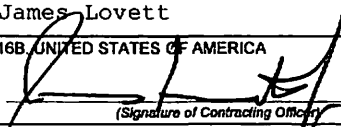
The purpose of this modification is cited below:

- 1) Incorporate Contract Work Authorization No. HQ1001, Rev 6, for Energy Employees Occupational Illness Compensation Program (EEOICPA)
- 2) Correct clerical error, and replace page 2 under Modification No. 0408
- 3) Incorporate Revise Section J - List Attachments Appendix P, Contracting Officer Representatives (CORS)

Accordingly, the following applies:

A. This modification formally incorporates Contract Work Authorization No. HQ1001, Rev 6,
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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA 	16C. DATE SIGNED 10/09/2013

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0410	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>for Energy Employees Occupational Illness Compensation Program (EEOICPA), and is hereby provided as attachment 1, hereto. 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 allocated under FINPLAN No. 30, Fiscal Year 2013, by separate modifications.</p> <p>B. Under Mod 0408, the revisions cited below are incorporated:</p> <p>1) Amendment of Solicitation/Modification of Contract, Standard Form 30, Block E, the "is not," should be checked. All parties agreed to issuing a unilateral modification.</p> <p>2) Page 2 of Modification 0408 is deleted in it's entirety, and replace with Page 2, Attachment 2, hereto.</p> <p>C. Section J - List Attachments Appendix P, Contracting Officer Representatives (CORs) is supereded by Section J - List Attachments Appendix P, Contracting Officer Representatives, attachment 3, hereto.</p> <p>D. The contract estimated value and all other terms and conditions remain unchanged.</p>				

Attachments

Attachment No.	Description	No of Pages
1	Contract Work Authorization No. HQ1001, Rev 6, for Energy Employees Occupational Illness Compensation Program (EEOICPA)	6
2	Reference Mod 0408, Replacement Page (Page 2 of 14)	1
3	Section J – List Attachments Appendix P Contracting Officer Representatives (CORs)	3

Attachment 1

Contract Work Authorization: No. HQ1001, Rev 6

Project Title: Energy Employees Occupational Illness Compensation Program (EEOICPA)

mod 0410
FIN PLAN # 30
See pg 1 of 5

Work Authorization

Work Authorization Number HQ1001 Revision Number 6	U.S. DEPARTMENT OF ENERGY CONTRACT WORK AUTHORIZATION If you need assistance with this form contact Belinda Beckum 5-5352	Tracking Number CWA-2013-00044				
1a. Project Title: Energy Employees Occupational Illness Compensation Program (EEOICPA)		1b. Work Proposal Number (if applicable): HQ1001-0-SR				
1c. Performing Organization <input type="radio"/> SRNL <input checked="" type="radio"/> SRNS						
2. Headquarters Program Point of Contact. Name: Greg Lewis Organization Code: HS-14 Telephone No.: 202-586-2784						
3. Headquarters Budget Point of Contact. Name: Debra James Organization Code: HS-10 Telephone No.: 301-983-3456						
4. Responsible Program: Office of Health, Safety and Security		5. Responsible Secretarial Officer: Office of Health, Safety and Security				
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: HQ1001		9. Revision Number: 6				
10. Funds Authorized (See note below)						
Date	B&R Code	Agreement / Project #	Project Value	Previous:	Change:	Current:
9/25/13	HQ1001000 OH1006400 Total FY13 OH1006400 FY12 Grand Total			641,000 0 641,000.00 0 641,000.00	0 8,110.05 8,110.05 9,647.28 17,757.33	641,000.00 8,110.05 649,110.05 9,647.28 658,757.33
11. Performance Period Covered by Funds. (See NOTE in block 10) From: 10/01/2012 To: 09/30/2014			12. Work Start Date: 10/01/2012		13. Expected Completion Date: 09/30/2014	
14. Statement of Work (includes attachments) The funding provided through this financial plan is to be used to conduct the following work tasks to implement EEOICPA, including claims under both Subtitle B and Subtitle E of the EEOICPA. These tasks include: 1) Perform the work necessary to complete Employment Verifications requested by DOL for the EEOICPA Subtitle B program. 2) Perform the work necessary to provide radiation dose records requested by NIOSH as part of the EEOICPA Subtitle B program. 3) Perform the work necessary to complete Document Acquisition Request (DAR) requested by DOL as part of the EEOICPA Subtitle E program. 4) Perform other necessary EEOICPA related records work as needed. 5) Maintain local records to track the activities conducted under EEOICPA. FY 2013 DELIVERABLES: By the 15th of each month provide monthly reports that include the number of records requests received, number completed and cost per request for each of the three types of requests. This report should be sent to: • HS-14 (Greg Lewis), • HS-10 Budget Contact (Jeanette Yarrington) • HS-81 Budget Contact (Debra James)						
15. Technical Point of Contact						

Name Patricia Padezanin/SRNS/Srs	Title SRS Technical Point of Contact	Email patricia.padezanin@srs.gov	Phone (803) 952-8309
SRS Technical Point of Contact Manager			
Name Alice Doswell/SRNS/Srs	Title SRS Technical Point of Contact Manager	Email Alice.Doswell@srs.gov	Phone (803) 952-7198

16. DOE-SR Program Point of Contact	17. DOE-SR Field Budget Official	18. Contractor's Authorized Representative	19. DOE Contracting Officer (or delegated representative)
Regina Price/DOE/Srs	Harold Nielsen/DOE/Srs	John Temple/SRNS/Srs	James Lovett/DOE/Srs

Technical POC

I accept the scope and funding requirements and have no issues meeting the requirements.	<input checked="" type="radio"/> Yes <input type="radio"/> No
John Christian has pressed the button , "I accept the scope and funding requirements and have no issues meeting the requirements."	09/30/2013 02:35 PM

DOE-SR Prog POC

DOE-SR Work Authorization Program

DOE Order 412 Compliance Checksheet

Project Title	Work Authorization Number
Energy Employees Occupationa Illness Compensation Program (EEOICPA)	HQ1001

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

<input checked="" type="radio"/> Yes <input type="radio"/> No	Project title and reference to work proposal number, if applicable
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters programmatic point of contact, organization, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters budget point of contact, organization code, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible program
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible program Secretarial Officer
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible field organization
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible contracting officer if different from above
<input checked="" type="radio"/> Yes <input type="radio"/> No	Site/facility management contractor name, point of contact, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Work authorization number, with revision number if applicable
<input checked="" type="radio"/> Yes <input type="radio"/> No	Budget and reporting code and funding level
<input checked="" type="radio"/> Yes <input type="radio"/> No	Dates for performance period, work start, and work completion
	Statement of work (see paragraph below)
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters, field organization, contractor, and if involving changes to scope, schedule, or funding, contracting officer signature blocks
<input checked="" type="radio"/> Yes <input type="radio"/> 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:

<input checked="" type="radio"/> Yes <input type="radio"/> 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
<input checked="" type="radio"/> Yes <input type="radio"/> No	Required milestone dates
<input checked="" type="radio"/> Yes <input type="radio"/> No	Deliverables, including technical information as required by DOE O 241.1A, Scientific and Technical Information Management
<input checked="" type="radio"/> Yes <input type="radio"/> 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

No comment, this is the process we have followed for years.

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

DOE-SR Program Point of Contact	Date
Belinda Beckum/SRNL/Srs	09/26/2013 08:09 AM

BEARS database search complete and results attached to WAD package?	<input checked="" type="radio"/> Y <input type="radio"/> N
---	--

Funding constrained: (Year constrained; CR; etc.) 8913-140243, FY 2013 Budget Authority, Two-Year funds, on FinPlan #30.	
--	--

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

Is this funding in the Fin Plan?	<input checked="" type="radio"/> Y <input type="radio"/> 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?	<input checked="" type="radio"/> Y <input type="radio"/> N
2. Is the expenditure prohibited by law?	<input type="radio"/> Y <input checked="" type="radio"/> 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?	<input type="radio"/> Y <input checked="" type="radio"/> N

Contract Mod Admin

Contract Mod #	Attach Signed Mod

Attachments

PKG HQ1001 R6.pdf Regina Price Concurrence.pdf

Notify on Approval

General Comment

Submitted	Submitted By	Comment
10/07/2013 03:44:27 PM	Christine Corbin	Mod 410, anticipated release date 10/01/2013
10/07/2013 02:50:59 PM	Christine Corbin	Under FIN PLAN #30
09/30/2013 03:21:22 PM	Harold Nielsen	This is 2-year funding, not 1-year funding. The form needs to be improved/chanaged to allow
09/26/2013 10:50:25 AM	Sharon Hunter	This shshould be until the end of 9/30/2014.

Work Authorization: In Process

Approvers	Title	Assigned	Received	Status Changed	Status
John Temple	SRNS Contractor Auth Rep	10/07/2013 10:42:26 AM	10/07/2013 11:26:02 AM	10/07/2013 11:27:13 AM	Concur
James Lovett	DOE-SR Contract Officer	10/07/2013 11:27:15 AM	10/07/2013 03:03:16 PM	10/07/2013 03:03:27 PM	Concur
Christine Corbin	DOE-SR Contract Mod Admin	10/07/2013 03:03:29 PM	-	-	-
Kathryn Davis	SRNS Contracts	-	-	-	-

Previous Process - Work Authorization: Approved on 10/01/2013

Approvers	Title	Assigned	Received	Status Changed	Status
Patricia Padezanin	Technical POC	10/01/2013 10:56:47 AM	-	10/01/2013 10:57:15 AM	Admin Delegated
Chuck Hayes	Technical POC	10/01/2013 10:57:16 AM	10/01/2013 10:58:34 AM	10/01/2013 11:01:15 AM	Concur
John Christian	DOE-SR Work Auth	10/01/2013 11:01:17 AM	-	10/01/2013 11:01:56 AM	Skipped
Regina Price	Coordinator	10/01/2013 11:01:57 AM	-	10/01/2013 11:02:27 AM	Skipped
Harold Nielsen	DOE-SR Program POC	10/01/2013 11:02:28 AM	-	10/01/2013 11:02:44 AM	Skipped
	DOE-SR Field Budge Off	-	-	-	-

Previous Process - Work Authorization: Approved on 09/30/2013

Approvers	Title	Assigned	Received	Status Changed	Status
Patricia Padezanin	Technical POC	09/26/2013 10:39:15 AM	09/29/2013 07:22:13 PM	09/30/2013 02:38:43 PM	Skipped
John Christian	DOE-SR Work Auth	09/30/2013 02:38:44 PM	09/30/2013 02:39:48 PM	09/30/2013 02:40:23 PM	Concur
Regina Price	Coordinator	09/30/2013 02:40:24 PM	09/30/2013 02:41:17 PM	09/30/2013 02:41:38 PM	Skipped
Brenda Mills	DOE-SR Program POC	09/30/2013 02:41:39 PM	09/30/2013 02:42:10 PM	09/30/2013 02:42:49 PM	Concur
Harold Nielsen	-	09/30/2013 02:42:51 PM	09/30/2013 03:15:12 PM	09/30/2013 03:24:39 PM	Concur
	DOE-SR Field Budge Off	-	-	-	-

Approver Comments**Reviewers**

Name	Date Time	Action
Sharon Hunter	9/26/2013 9:50:24 AM	Reviewed
Regina Price	9/27/2013 8:00:37 AM	Reviewed
Kathryn Davis	10/7/2013 10:41:35 AM	Reviewed

203-
114

Project Number: 2013-HS-2001038

WORK AUTHORIZATION
U.S. DEPARTMENT OF ENERGY
Management and Operating (M & O) Contract Work Authorization

1. INITIATOR(s): Pat Werthington HS-10 301-903-6928
Name & Signature Organization Code Phone
2. PROJECT TITLE: Energy Employees Occupational Illness Compensation Program (EEOICPA) AC:
3. RESPONSIBLE PROGRAM SECRETARIAL OFFICE: Office of Health, Safety, and Security
4. RESPONSIBLE FIELD OFFICE: Savannah River
5. M & O CONTRACTOR NAME: Savannah River / 410225 / 410225 (SR - SRO)
6. WORK AUTHORIZATION NO: HQ1001 - 0 - SR

7. FUNDS HEREBY AUTHORIZED (WHOLE DOLLARS) TOTAL BUDGET AUTHORITY: \$648,000.00
TOTAL BUDGET OUTLAY: \$659,091.93

B & R	Program	ORG	Transaction Type	Rev.	Date	Budget Authority	Budget Outlay
HQ1001000	3184701	HS-10	Fund Project from B&R	0	10/1/2012	\$125,000.00	\$125,000.00
HQ1001000	3184701	HS-10	Fund Project from B&R	1	1/1/2013	\$100,000.00	\$100,000.00
HQ1001000	3184701	HS-10	Fund Project from B&R	2	3/1/2013	\$65,000.00	\$65,000.00

8. PERFORMANCE PERIOD COVERED BY FUNDS: FROM: 10/1/2012 TO: 9/30/2013
9. WORK START DATE: 10/1/2012 10. EXPECTED COMPLETION DATE: TBD
11. FUTURE FUNDING PLANNED: To Be Determined
12. WORK AUTHORIZED:
 Incremental funding for the EEOICPA program. Budget Outlay of \$13,091.93 is FY 2012 funds. Funding in the amount of \$5,000 under Rev 6 is FY 2013 funds.

- | NAME AND SIGNATURE | DATE |
|---|-------|
| 13. WORK AUTHORIZATION OFFICIAL: _____
<div style="text-align:center">Stephen Kirchhoff</div> | _____ |
| 14. OPERATIONS OFFICE OFFICIAL: _____ | _____ |
| 15. M & O CONTRACTOR OFFICIAL: _____ | _____ |
| HEADQUARTERS BUDGET POINT OF CONTACT: _____
<div style="text-align:center">Debra James, 301-903-3465</div> | _____ |
| FIELD/CONTRACTOR POINT OF CONTACT: _____ | _____ |

**U.S. Department of Energy
Work Authorization
Funding Data Continuation Sheet**

I.WAS Number: 2013-HS-2001036

[illegible]

Note: ** We hereby certify that funds cited are proper for this authorization and in compliance with Appropriation Acts and Fiscal Law

Distribute 6 copies to: Contracting Office (white), Data Entry Point (blue), Controller (pink), Initiating Office (green) and Office of Small and Disadvantaged Business Utilization (goldenrod).

Attachment 2

Reference Mod 0408
Replacement Page (Page 2 of 14)

SF30 Block 14

H.14 EMPLOYEE COMPENSATION: PAY AND BENEFITS

(a) Contractor Employee Compensation Plan

The Contractor shall submit, for Contracting Officer approval, **by close of contract transition**, a Contractor Employee Compensation Plan (to be submitted during contract transition only) demonstrating how the Contractor will comply with the requirements of this Contract. The Contractor Employee Compensation Plan shall describe the Contractor's policies regarding compensation, pensions and other benefits, and how these policies will support at reasonable cost the effective recruitment and retention of a highly skilled, motivated, and experienced workforce.

A description of the Contractor Employee Compensation Program should include the following components;

- a. Philosophy and strategy for all pay delivery programs.
- b. System for establishing a job worth hierarchy.
- c. Method for relating internal job worth hierarchy to external market.
- d. System that links individual and/or group performance to compensation decisions.
- e. Method for planning and monitoring the expenditure of funds.
- f. Method for ensuring compliance with applicable laws and regulations.
- g. System for communicating the programs to employees.
- h. System for internal controls and self-assessment.
- i. System to ensure that reimbursement of compensation, including stipends, for employees who are on joint appointments with a parent or other organization shall be on a pro-rated basis.

(b) Total Compensation System

The Contractor shall develop, implement and maintain formal policies, practices and procedures to be used in the administration of its compensation system consistent with FAR 31.205-6 and DEAR 970.3102-05-6; "Compensation for Personal Services" ("Total Compensation System"). DOE-approved standards (e.g., set forth in an advance understanding or appendix), if any, shall be applied to the Total Compensation System. The Contractor's Total Compensation System shall be fully documented, consistently applied, and acceptable to the Contracting Officer. Costs incurred in implementing the Total Compensation System shall be consistent with the Contractor's documented Contractor Employee Compensation Plan as approved by the Contracting Officer.

(c) Reports and Information

Attachment 3

Section J – List Attachment Appendix P Contracting Officer Representatives (CORs)

Section J- List Attachments APPENDIX P
Contracting Officer Representatives (CORs)

Savannah River Nuclear Solutions
Contracting Officer Representatives (CORs)
Contract No. DE-AC09-08SR22470

COR NAME	TYPE OF COR	AREA OF AUTHORITY	DATE OF DESIGNATION	COR'S DOE POSITION
Douglas Dearolph	Special Area COR NNSA Only	Site Office Mgr. NNSA SRSO Only	07/09/2009	Site Office Mgr. NNSA SRSO
Michelle M. Ewart	Alternate, PDCF, NNSA Only	PDCF, NNSA Only	11/21/2008	PDCF Deputy FPD, NNSA SRSO
Scott C. Cannon	Special Area COR NNSA Only	PDCF, FPD, NNSA Only	10/17/2011	PDCF FPD, NNSA SRSO
Christina T. Edward	Special Area COR NNSA Only	NNSA only – Region 3 Regional Response Coordinator, Radiological Assistance Program, NNSA	05/21/2008	Region 3 Response Coordinator, NNSA
Clay H. Ramsey	Special Area COR NNSA Only	NNSA only – MOX integrated Project Division, NNSA	05/01/2008	MOX integrated Project Div. NNSA
N. Carroll McFall	Special Area COR NNSA Only	NNSA only – NNSA SRSO	07/09/2009	NNSA – SRSO Asst Mgr – Mission
Thomas Z. Cantey	Special Area COR NNSA Only	NNSA issues only	11/21/2008	FPD, Waste Solidification Bldg
James W. McCullough	Special Area COR NNSA Only	NNSA only – PDC Project SRSO	02/18/2010	PDC Lead Project Engineer NNSA SRSO
M. Roxanne Jump	Special Area COR NNSA Only	SRSO Facilities and Projects – NNSA only	07/09/2009	NNSA SRSO Asst Manager Facilities and Projects

William D. Clark	Special Area COR NNSA Only	NNSA Project Integration Division only	05/01/2008	Manager, Project Integration Division NNSA
Margaret G. Schwenker	Alternate, for William D. Clark NNSA Only	Alternate, for William D. Clark NNSA Project Integration Division only	10/06/2009	Project Integration Division NNSA SRSO
Sachilo W. McAlhany	Special Area COR NNSA Only	NNSA only – PDC Sr Tech Advisor, NA-26	04/19/2011	PDC Sr Tech Advisor, NA-26
Robert O. Baker	Special Area COR NNSA Only	NNSA only – PDC Const. Project Lead SRSO	02/18/2010	PDC Const. Project Lead SRSO
Richard W. Boyd	Special Area COR NNSA Only	NNSA only – PDC Project Lead for Ops, SRSO	02/18/2010	PDC Project Lead for Ops, SRSO
Thomas Z. Smith	Special Area COR	EM issues only	10/17/2011	EM Dep. Site Mgr., SRO
Douglas E. Hintze	Primary COR	EM Mission Support	05/01/2008	Asst. Mgr. for Mission Support
Terrel J. Spears	Special Area COR	EM Waste Disposition Projects Only	05/01/2008	Asst. Mgr. for Waste Disposition Project
James L. Folk	Special Area COR	EM Alternate, for Waste Disposition Projects Only	03/25/2009	Deputy Asst. Mgr. for Waste Disposition Project
Patrick McGuire	Special Area COR	EM Nuclear Material Stabilization Projects only	05/01/2008	Asst. Mgr. for Nuclear Material Stabilization Project
Carl Lanigan	Special Area COR	EM Nuclear Material Stabilization Project only	11/21/2008	FPD Nuclear Material
Karen L. Hooker	Special Area COR	EM Office of Laboratory Oversight issues Only	12/07/2010	Director, Off of Lab Oversight
Patrick Jackson	Special Area COR	EM Office of Laboratory Oversight WFOs issues Only	12/07/2010	Senior Program Manager, Off of Lab Oversight
Ron Bartholomew	Special Area COR	EM OSSES issues only - Safeguards, Security & Emergency Services, Management	09/26/2011	Director, Safeguards, Security & Emergency Services,

Brenda G. Mills	Special Area COR	EM OSQA issues only - Safety and Quality Assurance	06/27/2011	Director, Safety and Quality Assurance
Timothy Armstrong	Special Area COR	EM Organizational Property Management Officer only	06/10/2009	Contract Organizational Property Management Officer
R. Kevin Rorer	Special Area COR For ARRA	SRNS ARRA Property Manager issues only	02/18/2010	Property Management Specialist
Lucy Knowles	Special Area COR	EM Site Chief Counsel for legal issues only	06/26/2013	Chief Counsel
Marlenia Murray	Special Area COR	Financial issues only	11/01/2012	Financial Acquisition Analyst
Irie W. Clarke	Special Area COR	Counterintelligence – IN 30 issues only	06/15/2012	Procurement Specialist, IN-30
Phillip “Tony” Polk	Special Area COR	EM Alternate, for Nuclear Material Stabilization Projects only	10/07/2013	Director, Nuclear Materials Programs

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0411		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. 14EM000048	
5. ISSUED BY Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		CODE 00901		5. PROJECT NO. (If applicable)	
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		CODE 00901			
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		(x)		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		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) Net Decrease: -\$6,468,000.00
See Schedule

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

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 1 copies to the issuing office.

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

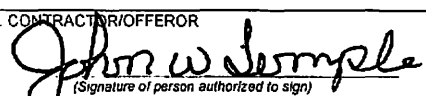
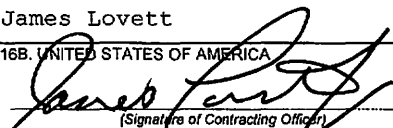
A. The purpose of this modification is to de-obligate funds to CLIN 0001 (Department of Energy (DOE), in accordance with SRNS FINPLAN 1. Funds in the amount of \$-6,468,000.00 are hereby de-obligated to CLIN 0001, thereby decreasing it from \$4,745,693,450.43 to \$4,739,225,450.43.

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 decrease the total amount of funds obligated to the contract from \$6,145,421,794.26 to \$6,138,953,794.26.

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 John W. Temple, Senior Vice President Contracts Management		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 10/11/13	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 10/11/2013

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0411	2	2

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0411	2	2

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0411	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
						1	2
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
0412		See Block 16C		14EM000098			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
		00901				00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802				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)				(x)			
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)			
CODE		FACILITY CODE		01/10/2008			
798861048							
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> 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:		\$116,190,669.53	
See SRNS Finplan #2							
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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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 2. Funds in the amount of \$116,190,669.53 are hereby obligated to CLIN 0001, thereby increasing it from \$4,739,225,450.43 to \$4,855,416,119.96.							
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 \$6,138,953,794.26 to \$6,255,144,463.79.							
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 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)			
				James Lovett			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
				Signature on File		10/18/2013	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT D CODE		PAGE OF PAGES 1 1	
2. AMENDMENT/MODIFICATION NO. 0413		3. EFFECTIVE DATE 10/25/2013		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE 00901		7. ADM NISTERED 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		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)		(x) 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)			
CODE 798861048 FACILITY CODE		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					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended <input type="checkbox"/> 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. ACCOUNT NG AND APPROPRIATION DATA (If required) No Change in Accounting 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 MOD FIED 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) Clause H-28, Performance-Based Incentives				
E. IMPORTANT Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 Performance Evaluation Measurement Plan (PEMP), Revision 1, for the period October 1, 2013 through September 30, 2014. Previous edition of the FY 2013 PEMP is hereby superseded and replaced with Revision 1, effective October 24, 2013, copy attached hereto.					
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) Marie A. Garvin			
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Signature on File (Signature of Contracting Officer)		16C. DATE SIGNED 10/25/2013	



**U.S. Department of Energy
Savannah River Site**

**PERFORMANCE EVALUATION
MEASUREMENT PLAN**

**Savannah River Nuclear Solutions, LLC
CONTRACT NO. DE-AC09-08SR22470
Modification No. 0413**

Evaluation Period:


October 1, 2013 through September 30, 2014

Rev. 1 effective: October 24, 2013

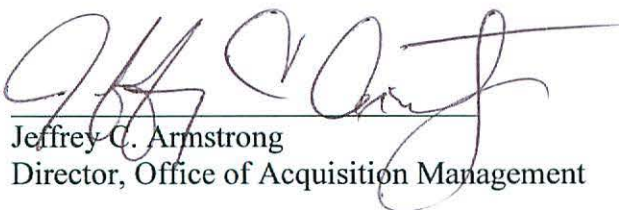
Approval Page

Concurrence:

Date:


Lucy Knowles
Chief Counsel, Office of Chief Counsel

24 Oct 13

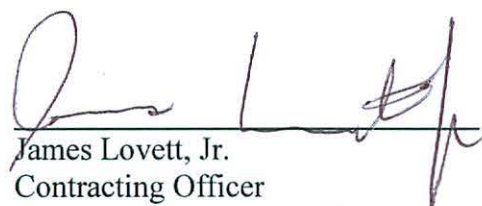

Jeffrey C. Armstrong
Director, Office of Acquisition Management

10-17-2013


Douglas E. Hintze
Assistant Manager for Mission Support

18 OCT 2013

Approval:


James Lovett, Jr.
Contracting Officer
Contracts Management Division

10-17-2013

Approval Page

Concurrence:

Date:

Lucy Knowles
Chief Counsel, Office of Chief Counsel

Jeffrey C. Armstrong
Director, Office of Acquisition Management

Douglas E. Hintze
Assistant Manager for Mission Support

Approval:

James Lovett, Jr.
Contracting Officer
Contracts Management Division

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Revision Summary Log

Rev. #	Rev. Date	Affected Sections / Pages	Description of Revision
0	10/01/13	All	Initial Issue for this evaluation period
1	10/xx/13	Page 21, changed incentive summary table to reflect switch of fee from NMS to LS.	Nuclear Material Stabilization: \$8,900,000 \$8,800,000 Landlord Services: \$6,160,000 \$6,260,000
1	10/xx/13	Page 22, changed allocated fee for EMO PBI.	Allocated Fee: \$8,900,000 \$8,800,000
1	10/xx/13	Page 23, changed completion criteria for milestone SRNS2014EMO-1.01.	Completion Criteria: Ship one LEU trailer offsite to Areva for TVA contract.
1	10/xx/13	Page 25, changed completion criteria for milestone SRNS2014EMO-2.01.	Completion Criteria: Prepare, and receive, and store containers of surplus plutonium and uranium from LANL off-site items in K Area in accordance with the schedule maintained by DOE-SR.
1	10/xx/13	Page 26, changed completion criteria for milestone SRNS2014EMO-2.06.	Completion Criteria: K Area will perform 20 Pu measurements on 20 different cans.
1	10/xx/13	Page 26, changed completion criteria for milestone SRNS2014EMO-2.08.	Completion Criteria: Complete FSV +34 or the +48 roof replacement. Replace the Final Storage Vault roof at either the +34 or the +48 level depending on roofer's evaluation.
1	10/xx/13	Page 27, changed completion criteria for milestone SRNS2014EMO-3.02.	Completion Criteria: a. Determine feasibility to reduce to a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel. Assumes DNFSB concurrence with proposal. b. If the feasibility study supports reducing to a single exhaust as well as a single generator, and DNFSB supports this concept, issue design to support a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel.
1	10/xx/13	Page 27, changed completion criteria for milestone SRNS2014EMO-3.03.	Completion Criteria: Determine the feasibility of study to stopping water intrusion to 221-F RR Tunnel and 800 Underground Cell.
1	10/xx/13	Page 27, deleted milestone SRNS2014EMO-3.04.	Date: 12/30/13 Fee: \$100,000 Completion Criteria: Submit DSA/TSR for F/H laboratory-based on leak path factor evaluation. Acceptance Criteria: DOE-SR will review the SRNS approved DSA/TSR for the F/H lab based on leak path factor evaluation.
1	10/xx/13	Page 43, changed completion criteria for milestone SRNS2014SRNL-2.02.	Completion Criteria: a. Continue work on "strategic" tasks for ORP initiated in FY13—including options for dealing with Te, waste qualification strategies, process scenario evaluations, and glass formulation approaches. This effort could move into leading and executing Grand Challenges in support of the high-level waste processing system at Hanford. Develop program execution plans for Grand Challenge efforts in support of high level waste processing at the Hanford site. Complete first phase of experimentation as part of these programs. Participate on the Hanford Tank Waste Disposition Integrated Flowsheet development team. Perform flowsheet evaluations and provide definition of key interfaces and waste acceptance criteria. b. Perform work for Hanford Contractors including WRPS and WTP.

			<p>Potential scope areas include continuing work on Caststone, Te removal options, development of waste qualification equipment and approaches:</p> <ul style="list-style-type: none"> - Complete full scale mixer testing in support of Caststone work - Complete experimentation on Te removal options selected during downselection - Develop conceptual design and fabricate test equipment in support of the waste qualification effort <p>c. Continue leadership of the National Laboratory Technical Authority Team in support of the WTP Full Scale Vessel Qualification Testing Program.</p> <ul style="list-style-type: none"> - Define and qualify the instrumentation to be used during the full scale demonstration effort. Develop the simulant to be used during this instrument qualification and the first phase of testing
1	10/xx/13	Page 44, changed completion criteria for milestone SRNS2014SRNL-2.03.	<p>Completion Criteria: Provide technology development for EM-20. This is important to establishing SRNL as the EM National Laboratory. These efforts could include:</p> <ol style="list-style-type: none"> Develop and issue the next generation performance models and complete oxidation front experimentation studies in support of the Cementitious Barriers Partnership. Issue technical report/journal article on the next phase of Long term glass corrosion modeling work studies. Potential work in separations areas.
1	10/xx/13	Pages 44 and 45, changed completion criteria for milestone SRNS2014SRNL-3.01.	<p>Completion Criteria : Provide technical support for SRNS Environmental Compliance & 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: MAPSL SVE Investigation for Vadose Zone CAP, MetLab BaroBall Wells Investigation for Vadose Zone CAP, Southern Sector Aerobic Stimulation Bench Test, Sampling and Analysis Supporting TNX Edible Oil Treatability Study, PAGW OU Characterization, and Timely GC Analysis of Soil Gas, Soil, and Groundwater Samples from EC & ACP, that may include the following:</p> <ol style="list-style-type: none"> Provide technical support and report development to Environmental Compliance & Area Completion Projects (EC&ACP) in meeting regulatory milestones and deliverables (e.g., finalize 5 year ROD review deliverable, complete an H-tank Farm Groundwater Monitoring Plan and Sampling and Analysis Plan, complete an F-Tank Farm Groundwater Sampling and Analysis Plan, develop a Five Year Remedy Review). Continue development and transition to passive environmental technologies and approaches for EC&ACP waste site remediation (e.g., T-Area). Continue support for operating systems and final closure of groundwater and vadose units (e.g., field sampling and analytical support for EC&ACP technology demonstrations and performance analysis for SVE operating treatment systems).
1	10/xx/13	Page 52, changed completion criteria for milestone SRNS2014SRNL-7.03.	<p>Completion Criteria: As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, reduce deferred maintenance backlog by effective management of Construction Maintenance orders (CMO) and Major Maintenance scopes and effective execution of IGPP projects. Complete candidate IGPP capital projects that support restoration and sustainment of facility infrastructure as defined in the approved FY14 SVS Implementation Plan. Complete Construction Maintenance Orders and major maintenance scopes as defined in the approved FY14 SVS Implementation Plan.</p>
1	10/xx/13	Page 52, changed completion criteria for milestone SRNS2014SRNL-7.04.	<p>Completion Criteria: As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, effectively manage the implementation of the SRNL Infrastructure Plan to minimize operational cost. Implement the SRNL</p>

			Infrastructure Plan to reduce operational cost by facility and scientific instrument renewal as well as an improved Asset Condition Index as defined in the approved FY14 SVS Implementation Plan.
1	10/xx/13	Page 54, changed allocated fee for LS PBI.	Allocated Fee: \$1,410,000 \$1,510,000
1	10/xx/13	Page 57, changed completion criteria for milestone SRNS2014LS-3.01	Completion Criteria: Provide liaison support for a successful transition of the privatization of Outsource the SRNS ESS Facilities Maintenance and ensure success by providing business and technical leadership.
1	10/xx/13	Page 59, added milestone SRNS2014LS-5.02	Date: 9/30/13 Fee: \$100,000 Completion Criteria: <ul style="list-style-type: none"> Evaluate the Critical Infrastructure Integrated Priority List (CI IPL) process and further improve the data content for better use as a tool for funding allocation. Evaluate and report CI IPL effectiveness through an analysis of the disposition of CI IPL projects from the prior 3 years. Acceptance Criteria: DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system: <ul style="list-style-type: none"> Evaluate CI IPL documentation. Review the updated CI IPL quarterly or as-needed. Evaluate data improvements. Evaluate CI IPL effectiveness report.
1	10/xx/13	Pages 63 and 64, changed Contract Performance Outcome for PBI SRNS2014SUBJ.	Contract Performance Outcome: 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 SRS 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 The Contractor shall plan and safely execute a program that meets all regulatory commitments reflected in the SRS 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 SRS 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.

			Sitewide ES&H Program The Contractor shall conduct a comprehensive ES&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 and the environment in all activities for which it has contractual responsibilities.
1	10/xx/13	Page 67, changed fee statement for PBI SRNS2014SUBJ.	Up to \$2,640,000 \$5,000,000 of the allocated fee will be paid for this Contract Output.

1. Purpose

This document serves as the Performance Evaluation Measurement Plan (PEMP) for fiscal year 2014 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 (SRNS) LLC, approved January 10, 2008.

Incentives are developed annually by DOE 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 as Attachment E.

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 Savannah River Site 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, DOE strategic goals and program objectives. Incentives and their associated fee demonstrate direct flow down of DOE 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 contract fee is split between EM and NNSA and the ratio is approximately a 55/45 split, making the EM fee \$25M annually. 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 occur to the PEMP in the last 60 days of the evaluation period, unless with bilateral agreement between the CO and the contractor.

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 SRS 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) [SRS 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 is used to measure site level incentive outcomes and acceptance documentation. A PID includes: A Performance Outcome statement, Contract Output performance statements, metrics, Completion Criteria, and Acceptance (documentation) 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 I.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 Board¹/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 determinations, 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.

¹ Federal Acquisition Regulation (FAR) Subpart 16.401 requires an Award-Fee Board for conducting the award-fee evaluation.

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 reclama, 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.

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 PID. 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

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*.

Attachment A, Integrated Project Team (IPT) Charter

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 SRSO 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.

NAME	FUNCTION	ORGANIZATION
MOODY, Dave	IPT Member [ex officio] DOE Fee Determining Official [FDO]	DOE-SR Site Manager
SMITH, T. Zack	IPT Executive Sponsor/Co-Fee Board Lead	DOE-SR Deputy Manager
HINTZE, Doug	IPT/Co-Fee Board Lead/Performance Incentive Manager	Assistant Manager for Mission Support (AMMS)
MCGUIRE, Pat	IPT/ Performance Incentive Manager	Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)
SPEARS, Terry	IPT /Performance Incentive Manager	Assistant Manager for Waste Disposition Project (AMWDP)
ADAMS, Angelia	IPT/ Performance Incentive Manager	Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)(acting)
HOOKE, Karen	IPT/ Performance Incentive Manager	Director, Office of Laboratory Oversight (OLO)
DEAROLPH, Douglas	IPT/Fee Board Member/Performance Incentive Manager	Manager NNSA SRSO

CLARK, William	IPT/ Performance Incentive Manager	Manager NNSA NA-262
LOVETT, James	IPT Member [ex officio] Fee Board Member	Contracting Officer M&O Contract
DAVIS, Peggy	IPT Member	Vice President SRNS Support Services
TEMPLE, John	IPT Member	Director SRNS Contracts Management
CHRISTIAN, John	DOE IPT Technical Lead	Program Analyst for Mission Planning Division
PENNINGTON, Michele	SRNS IPT Technical Lead	SRNS Contracts Management

Attachment B, Fee Allocation Model

Funding Assumptions for Fee Allocation

Funding for fiscal year 2014 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 is directly funded (direct). Scope cost for support activities funded indirectly by placing a tax on individual funds. See table below for FY14 estimated funding:

Est. Funding	Funding Source:
\$254,992,000	PBS 11C
43,130,000	PBS 12
50,137,000	PBS 13
51,809,000	PBS 30
23,339,000	PBS 20 (EM Safeguards & Security)
\$423,407,000	Total EM Funding
101,528,000	Nuclear Nonproliferation Funding
239,460,000	Defense Programs Funding
12,868,000	NNSA Safeguards & Security
\$777,263,000	Total Projected Funding without Minors and WFO [NOTE: This does not include ESS/Legacy pension support to SRR (PBS 14C)]

The M&O contract identifies \$46,535,000 available fee for the contract period (October 2013 through September 2014). When the fee is subtracted from the Total Projected Funding, the fee base in entire fiscal year 2014 becomes \$730,728,000.

For fiscal year 2014, EM provides 55 percent of the Total Projected Funding, while NNSA provides 45 percent. This percentage is used to allocate the contract fee between EM and NNSA. For fiscal year 2014, EM will manage \$25M of fee applied to incentive work for the evaluation period. NNSA will manage \$21M 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 2014, 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:

PBS	President's Budget	Fee Distribution
PBS 11C	\$254,992,000	\$15,267,000
PBS 12	\$43,130,000	\$2,582,000
PBS 13	\$50,137,000	\$3,002,000
PBS 30	\$51,809,000	\$3,102,000
PBS 20	\$23,339,000	\$1,397,000
EM Funding / Fee	\$423,407,000	\$25,350,000

The following is the DOE-SR EM suggested incentives summary by program for the fiscal year 2014 performance period:

Program	Objective	Subjective	Total
Nuclear Material Stabilization (AMNMSP)	\$8,900,000 \$8,800,000		\$8,900,000 \$8,800,000
Environmental Stewardship (AMIES)	\$3,490,000		\$3,490,000
Waste Disposition (AMWPD)	\$1,800,000		\$1,800,000
Landlord Services (Includes: SRNL, Planning, Infrastructure, Landlord Services, Safety, Safeguards & Security, ESSH)	\$6,160,000 \$6,260,000	\$5,000,000	\$11,160,000 \$11,260,000
Total	\$20,350,000	\$5,000,000	\$25,350,000

Attachment C, EM Performance Incentive Documents for fiscal year 2014



Performance Incentive Document

PID Number:	SRNS2014EMO	
Activity Name:	Environmental Management Operations	
WBS Number:	1.29.20.04, 1.29.20.05	
Performance Period:	October 1, 2013 - September 30, 2014	
Allocated Fee:	\$8,900,000 \$8,800,000	
Revision Number:	0 1	
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.		
<u>Contract Output SRNS2014EMO-01:</u>		
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 (when authorized), 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 SRS facilities to disposition surplus nuclear materials.

Up to \$3,900,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.01	9/30/14	\$200,000	Ship one LEU trailer offsite to Areva for TVA contract.
Acceptance Criteria			
DOE-SR will validate the LEU shipment via the MC&A Form 741 transfer documentation for the one LEU shipment. GFSI: Vendor must be ready to receive trailers by 7/1/14.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.02	6/30/14 9/30/14	a.\$300,000 b.\$200,000	a. Complete SRE charging and dissolution. b. Transfer SRE to a sludge batch.
Acceptance Criteria			
DOE-SR will review H Canyon procedures or engineering memo documenting completion of charging, dissolution and sludge batch transfer. GFSI: SRR provides window by 7/1/14.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.03	9/30/14	\$500,000; \$125,000 fee paid each quarter.	Charge two bundles of UNF or Pu to the H Canyon dissolver or probe the dissolver twice per shift crew per quarter to maintain proficiency.
Acceptance Criteria			
DOE-SR will review H Canyon dissolver probing procedure 221-H-1987 or actual dissolver charging procedure to ensure a minimum of two actual UNF or Pu bundles or two dissolver probings were completed for each shift each quarter.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.04	9/30/14	\$500,000; \$125,000 fee paid each quarter.	Perform 1 st or 2 nd Canyon Cold Run or actual hot ops to address equipment operability and maintain operator proficiency. (Due to Liquid Waste Min., only two 1 st Cycle and two 2 nd Cycle Cold Runs per year.
Acceptance Criteria			
DOE-SR will review the completed quarterly Cold Run Operations start-up and shut-down procedures and summary data sheets for the one cold run performed for that quarter.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.05	9/30/14	\$100,000	Prepare and issue a revised H Canyon Resumption Plan each quarter.
Acceptance Criteria			
DOE-SR will review the SRNS issued quarterly H Canyon Resumption Plan to ensure appropriate elements.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014	9/30/14	\$500,000	Dissolve one batch of Pu (approximately 20 kgs).

EMO-1.06			
Acceptance Criteria			
DOE-SR will review dissolving procedures or MC&A signed data sheet.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.07	3/31/14 (a and b)	a.\$150,000	a. Implement Waste Min. action to revise the sump flush program to track transfers.
		b.\$150,000	b. Implement Waste Min. action to recycle HB-Line column waste for use in 6.4D.
	9/30/14 (c and d)	c.\$150,000	c. Implement Waste Min. action to improve neutralization formula for WAC implementation.
		d.\$150,000	d. Implement Waste Min. action to refine LAW operation and acid stripping process.
Acceptance Criteria			
DOE-SR will review the implemented Liquid Waste Minimization actions by procedure or document review.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.08	9/30/14	a.\$500,000	a. Complete HFIR planning preps with the exception of the H Canyon NCSE/DSA revision, flowsheet, hydrogen generation study, dissolver insert and storage rack design, fabrication, and installation that may not be completed if funding/staffing is limited.
	6/30/14	b.\$100,000	b. Perform evaluation of attractiveness level "C" UNF material for H-Canyon dissolution.
Acceptance Criteria			
DOE-SR will review the completed HFIR planning preps and the completed evaluation of attractiveness level "C" UNF material.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.09	9/30/14	\$250,000	Complete Canadian Liquid unloading and piping Design.
Acceptance Criteria			
DOE-SR will review Canadian HEU Liquid unloading and piping design documents.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.10	3/31/14	\$150,000	Implement all actions needed to resume WIPP blending.
Acceptance Criteria			
DOE-SR will review procedures and documents to verify ready to resume WIPP blending.			
<u>Contract Output SRNS2014EMO-02:</u>			

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 will continue with construction of Final Storage Vault.			
Up to \$2,000,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.01	9/30/14	\$500,000; \$125,000 paid quarterly.	Prepare, and receive, and store containers of surplus plutonium and uranium from LANL off-site items in K Area in accordance with the schedule maintained by DOE-SR.
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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.02	9/30/14	\$225,000; \$25,000 per can, invoiced quarterly.	Complete 9 Destructive Evaluation (DE) Surveillances on DOE-STD-3013 Storage Containers.
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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.03	6/30/14	\$100,000	K Area will submit to DOE the SRNS approved DSA/TSR supporting Final Storage Vault (FSV).
Acceptance Criteria			
DOE-SR will review the SRNS approved DSA/TSR supporting FSV.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.04	8/31/14	\$250,000	Complete Final Storage Vault (FSV) project construction.
Acceptance Criteria			
DOE-SR will review the completed FSV construction project documents.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.05	3/31/14	\$500,000	Complete Readiness Assessment on DSA Rev. 10/TSR Rev. 41 to expand K Area capabilities.
Acceptance Criteria			
DOE-SR will observe RA activities as desired and review the RA declaration of readiness.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.06	9/30/14	\$200,000; \$10,000 per can.	K Area will perform 20 Pu measurements on 20 different cans.
Acceptance Criteria			
DOE-SR will review the non-destructive analysis measurement form.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.07	9/30/14	\$125,000	Support IAEA Inventory Inspections.
Acceptance Criteria			
DOE-SR will validate that KAC personnel provided adequate preparation and support during the IAEA Inventory inspections.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.08	9/30/14	\$100,000	Complete FSV +34 or the +48 roof replacement. Replace the Final Storage Vault roof at either the +34 or the +48 level depending on roofer's evaluation.
Acceptance Criteria			
DOE-SR will review the roofing subcontractors completion document or the 8Q-51 safety walkdown (OSR 20-22) completed by SRNS.			
<u>Contract Output SRNS2014EMO-03:</u>			
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.			
Up to \$1,000,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.01	3/30/14	\$100,000	Revise F-Canyon Complex Surveillance and Maintenance (S&M) Plan to allow transition to reduced S&M.
Acceptance Criteria			

DOE-SR will review the revised SRNS approved F-Canyon Complex S&M Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.02	6/30/14	a. \$50,000	a. Determine feasibility to reduce to a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel. Assumes DNFSB concurrence with proposal.
	9/30/14	b. \$50,000	b. If the feasibility study supports reducing to a single exhaust as well as a single generator, and DNFSB supports this concept, issue design to support a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel.
Acceptance Criteria			
DOE-SR will review the SRNS approved feasibility study for a single 292-F exhaust fan supported by a single 254-13F "SS" diesel generator and the design to support the implementation.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.03	9/30/14	\$50,000	Determine the feasibility of study to stopping water intrusion to 221-F RR Tunnel and 800 Underground Cell.
Acceptance Criteria			
DOE-SR will review the SRNS approved water intrusion feasibility study.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.04	12/30/13	\$100,000	Submit DSA/TSR for F/H laboratory based on leak path factor evaluation.
Acceptance Criteria			
DOE-SR will review the SRNS approved DSA/TSR for the F/H lab based on leak path factor evaluation.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.05	9/30/14	\$650,000; paid at completion of each action item as noted.	SRNS will complete the following 235-F Risk Reduction Actions and provide to DOE approximately 30 days before the DOE IP commitment date as noted in the "Date" column: a. Deliver the Graded EP Drill Report (Action 3-4). (\$50,000) b. Complete a Readiness Assessment for the Deactivation BIO and submit RA Report (Action 1-4). (\$100,000) c. Complete removal, isolation, or encapsulation of Fixed Combustibles and provide a final report to DOE (Action 2a-3). (\$150,000) d. Complete Electrical De-energization scope and provide a final report to DOE (Action2b-2).

			(\$150,000) e. Complete installation and acceptance of the FDAS and provide a final report to DOE (Action 2c-3). (\$150,000) f. Complete planned cell infrastructure tasks and report completion (Action 1-3). (\$50,000)
Acceptance Criteria			
DOE-SR will review the SRNS approved and completed 235-F IP actions.			
<u>Contract Output SRNS2014EMO-04:</u>			
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 Augmenting Monitoring and Condition support to maintain the facilities in a safe and operable condition. Up to \$2,000,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014 EMO-4.01	9/30/14	\$500,000; \$125,000 paid quarterly	Receive and unload FRR/DRR fuel per schedule.
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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014 EMO-4.02	9/30/14	\$500,000	Complete UNF Preps for HFIR readiness with the exception of the L-Area DSA, OSA-7 and the new cask insert (if required) which are dependent on funding and staffing.
Acceptance Criteria			
DOE-SR will review the HFIR planning preps were completed with the exception of the L-Area DSA, OSA-7 and new cask insert (if required).			
Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014 EMO-4.03	6/30/14	\$500,000	Complete the removal of "cob webs" from the basin.

Acceptance Criteria			
DOE-SR will observe the basin vacuuming activities or observe the basin following the completion of corrective actions to remove the “cob webs”.			
Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014 EMO-4.04	9/30/14	\$500,000	Complete NRU/NRX interim schedule milestone.
Acceptance Criteria			
DOE-SR will validate that the NRU/NRX interim milestone was completed on schedule.			



Performance Incentive Document

PID Number:	SRNS2014SW	
Activity Name:	Solid Waste	
WBS Number:	1.29.32.25	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$1,800,000	
Revision Number:	0	
Senior level manager/Performance Incentive Manager:	Terry Spears Assistant Manager for Waste Disposition Project (AMWDP)	
Senior level supervisor/division manager:	Jim Folk	
<p>Contract Performance Outcome:</p> <p>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.</p> <p>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.</p>		
<p><u>Contract Output: SRNS2014SW-01</u></p> <p>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 disposal of legacy TRU waste.</p>		

Description/Background/Justification:			
<p>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 SRS waste management. DOE Order 435.1 drives the timely disposal of wastes generated at DOE sites. The ARRA program remediated and repackaged legacy TRU wastes into WIPP compliant packaging. This waste has been WIPP certified or was identified as LLW and is awaiting disposal. Disposal of the legacy TRU is also a high priority for the State of South Carolina.</p> <p>Up to \$1,800,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.01	9/30/14	\$800,000; \$200,000 per quarter	LLW will be disposed in a timely manner such that in-storage time will be < 3 months in duration. Exceptions may be approved by DOE upon request.
Acceptance Criteria			
DOE will perform validation by reviewing, on a quarterly basis, the time in storage for the LLW not permanently disposed.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.02	6/30/14	\$400,000	TRU – Complete disposal of all legacy TRU packaged in SLB2s via TRUPACT-III shipments. Assumptions for this incentive include: 4 shipments per week; 6 week WIPP shipping outage and various non-shipping holidays during the period of performance.
Acceptance Criteria			
DOE will perform validation by reviewing the remaining legacy TRU inventory and assuring that all of the SLB2s have been disposed.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.03	9/30/14	\$500,000	Complete disposal of all legacy, contact handled, TRU waste at the WIPP Site. This includes all LLW and MLLW re-characterized from the TRU legacy program. This incentive assumes that DOE-CBFO will continue to fund characterization and shipping and provide adequate shipments. SRNS will work a 40 hour work week. Containers WMPSLB022C, WMPSLB018B, SR21524413, and SR21524414 are excluded.
Acceptance Criteria			
DOE will perform validation by reviewing Waste Inventory Tracking System (WITS) reports and documented legacy waste identified in the "Original Volume Tracking" Excel spreadsheet.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.04	9/30/14	\$100,000	A closure plan for TRU Pad 16 and modifications to the TRU Pad Volume of the Site RCRA Permit will be submitted to DOE-SR in support of submittal to SC-DHEC. The modifications will include reduction of prescriptive wording (e.g. requirement to be radiologically non-contaminated) and provide a sound technical rational for both the modifications and the closure plan.
Acceptance Criteria			
DOE will perform validation by accepting the closure plan and proposed permit modification.			



Performance Incentive Document

PID Number:	SRNS2014ACP	
Activity Name:	Area Completion Project	
WBS Number:	1.29.32.01, 1.29.32.02, 1.29.32.03, 1.29.32.04, 1.29.32.05, 1.29.32.06	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$3,490,000	
Revision Number:	0	
Senior level manager/Performance Incentive Manager:	Karen Guevara Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)	
Senior level supervisor/division manager:	Angelia Adams	
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.		
<u>Contract Output SRNS2014ACP-01:</u>		
Meet all FFA Milestones, RCRA Permit and CERCLA Record of Decision (ROD/Interim ROD) commitments due between October 1, 2013, and September 30, 2014, as described in the Federal Facility Agreement for the Savannah River Site (Administrative Document # 89-05-FF) and the SRS 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 SRS to meet regulatory requirements that will meet the Area Completion Strategy to clean up the SRS and reduce the Site 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 SRS. The regulatory and stakeholder support of the SRS depends on continued full regulatory compliance and achievement of commitments and milestones.		

Up to \$2,500,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-1.01	3/31/14	\$1,250,000	All RCRA Permit commitments and FFA milestones are achieved from October 1, 2013, through March 31, 2014.
Acceptance Criteria			
All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates. Documentation is provided demonstrating that milestone/submittal dates 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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-1.02	9/30/14	\$1,250,000	All RCRA Permit commitments and FFA milestones are achieved from April 1, 2014, through September 30, 2014.
Acceptance Criteria			
All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates. Documentation is provided demonstrating that milestone/submittal dates 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.			
<u>Contract Output: SRNS2014ACP-02:</u>			
Evaluate additional EC & ACP groundwater sampling and reporting activities to identify opportunities to reduce costs within PBS-30 and ESS.			
Description/Background/Justification:			
<p>In FY 2012, DOE-SR incentivized the development of a comprehensive Groundwater Monitoring and Reporting Optimization Plan and Report (SRNS2012ACP-02) that identified opportunities for optimization of monitoring networks and reductions in the long-term costs of groundwater monitoring at units where mature and established groundwater programs were underway. In 2013, DOE incentivized SRNS to negotiate and implement optimization activities consistent with the plan (SRNS2013 ES-12.01 and 12.02).</p> <p>This Phase II proposal is to develop a similar Groundwater Monitoring and Report Optimization Plan that will focus on the remaining groundwater units that were not included in Phase 1 because they did not have a mature established monitoring program under RCRA/CERCLA or because they are associated with regulatory programs other than RCRA and CERCLA, such as Underground Storage Tanks, Landfills and the Clean Water Act.</p>			

Up to \$500,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-2.01	2/28/14	\$250,000	Prepare and provide to DOE ACP a Groundwater Optimization Plan by 2/28/14.
Acceptance Criteria			
SRNS –EC & ACP will provide a Phase II Groundwater Monitoring and Reporting Optimization Plan that will provide for identification and documentation of opportunities for groundwater optimization of monitoring networks/reporting and reductions in the long-term costs of groundwater monitoring for groundwater units, that was not included in the Phase I Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-2.02	9/30/14	\$250,000	Prepare and provide to DOE ACP a report documenting the groundwater monitoring and reporting optimization opportunities.
Acceptance Criteria			
SRNS will provide a report outlining the results of the groundwater monitoring evaluation to DOE and DOE will approve. DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.			
<u>Contract Output SRNS2014ACP-03 (Deferred from FY 13):</u>			
Automate environmental field and analytical data to automatically generate routine reports and improve reporting capability. Program and deploy electronic field devices to replace the use of paper logbooks to improve quality of field data collection. Program data collection system to automatically generate routine reports to improve speed and overall accuracy of data reporting.			
Description/Background/Justification:			
DOE SR is obligated to collect, manage, maintain and report environmental data to meet requirements of DOE Orders and environmental regulations and statutes, including DOE Order 458.1, Radiation Protection of the Public and Environment and RCRA, CAA, CWA, and CERCLA.			
The Environmental Restoration Data Management System (ERDMS) is used to manage environmental monitoring data. This system requires extensive manual data review and tracking of data generating reports of varying quality. Also, field monitoring results are collected in paper logbooks and collection accuracy is highly dependent on minimizing human error. Routine reports are generated with a high level of human involvement.			

Up to \$390,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-3.01	7/31/14	\$150,000	Program and deploy handheld devices to transfer monitoring data directly into ERDMS.
Acceptance Criteria			
<p>EC & ACP will demonstrate and will document the use and effectiveness of electronic handheld devices to collect field information and data transfer into ERDMS vs. the use of paper field logbooks for effluent monitoring and environmental surveillance programs.</p> <p>EC & ACP will provide documentation to demonstrate compliance with site requirements including QA, software, and information control.</p> <p>EC & ACP will provide documentation of benefits and provide estimate of cost, time or resource savings.</p> <p>DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-3.02	9/30/14	\$240,000	Modify ERDMS to automatically generate routine monitoring reports.
Acceptance Criteria			
<p>EC & ACP will demonstrate and document the development and implementation of program to generate automated environmental reports, such as the Monthly Discharge Monitoring Reports, the Monthly Radiological Releases Reports, the Wildlife Hunt Reports, and the Weekly and the Quarterly Tritium Reports by reviewing the reports for completeness, accuracy and compliance with reporting deadlines.</p> <p>EC & ACP will provide documentation to demonstrate compliance with site requirements including QA, software, and information control.</p> <p>EC & ACP will provide documentation of benefits and provide estimate of cost, time or resource savings.</p> <p>DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.</p>			
<u>Contract Output SRNS2014ACP-04:</u>			
Complete characterization of Building 690-N to support future Deactivation and Decommissioning.			
Description/Background/Justification:			

Building 690-N (Ford Building) is a high risk facility with significant radiological and PCB contamination. The facility is deteriorating and requires frequent maintenance to mitigate the spread of existing contamination. A Decommissioning Plan was completed and submitted to DOE in FY 13 (Contract Output SRNS2013ES-16.01) that included recommendations for characterization to quantify the nature and extent of contamination and condition to support future D&D of the facility.

The Ford Building is a steel frame/siding structure constructed in the early 1950s to test motor control packages for the R, P, L, K and C Reactors. In the 1960s, the structure was modified to support the repair and rework of Reactor heat exchangers. Key facilities and/or structures associated with 690-N include:

- 652-44N electrical substation and fuel oil containment dike (provided electricity and fuel oil for heating to the building),
- Deionizer trailer (used to remove radiological contaminants from Reactor disassembly basin water), and
- Transport trailer (utilized to haul heavy loads between Reactor areas and stored adjacent to the 690-N Building).

PCB-contaminated oils were used in milling/lathe operations for heat exchanger repair in 690-N (Ford Building). In 1997, these PCB-contaminated oils were found to have contaminated equipment and the floor in the building. An initial clean-up was performed and the residual contamination was encapsulated with a floor coating in 1998. Inspections conducted since 1998 continue to reveal areas where PCB-contaminated oil has migrated up through the floor coating, necessitating regular maintenance and reapplication of the coating material. The extent of PCB contamination below the 690-N Building is undetermined. The Deionizer trailer is not thoroughly characterized, but is assumed to contain lead and high levels of radiological contamination based on the conditions of trailers used for similar purposes at the SRS.

Up to \$100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-4.01	8/31/2014	\$100,000	Complete characterization of the 690-N Ford Building and its ancillary equipment and facilities (652-44N, Deionizer and Transport Trailers).

Acceptance Criteria

EC & ACP will complete and document characterization completion of Building 690-N and its ancillary equipment and facilities. The result are needed to support future deactivation and decommissioning and removal/remedial action(s)

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.



Performance Incentive Document

PID Number:	SRNS2014SRNL	
Activity Name:	Savannah River National Laboratory (SRNL)	
WBS Number:	Numerous	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$4,750,000	
Revision Number:	0- 1	
Senior level manager/Performance Incentive Manager:	Karen Hooker Director, Office of Laboratory Oversight Pat McGuire Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)	
Senior technical advisor:	Patrick Jackson Jay Ray	
Contract Performance Outcome: SRNL's three-fold mission is to enable the success of SRS 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 nations' premier laboratory in Environmental Management, National & Homeland Security, and Energy Security (Source: SRNS Contract).		
<u>Contract Output: SRNS2014SRNL-01 (Pat McGuire)</u> Deliver Disposition Paths for Nuclear Material.		
Description/Background/Justification: SRS'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

SRS 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 SRS 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

SRS 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

SRS 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.

Up to \$650,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.01	9/30/14	\$225,000	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. a. Complete FY14 data set 2 analyses for # DE packages. b. Complete unloading of Series 3 of shelf life

			studies. c. Complete FY14 annual report on 9975 Life Extension o-ring test fixtures.
Acceptance Criteria			
DOE-SR will perform validation of the following: a. Loading and initial data sheets for Series 3 of shelf life studies. b. FY14 data set 2 analyses for 3013 Program. c. FY14 annual report on 9975 Life Extension o-ring test fixtures.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.02	9/30/14	\$75,000	Provide technical support to Nuclear Materials for the Spent Fuel Program. a. Complete extracted basin core testing and prepare and issue degradation evaluation report. b. Complete revision of corrosion surveillance program plan to include increase in coupon withdraw and analysis schedule; new rack material; and automated characterization and optimized corrosion analysis. c. Complete report for detailed corrosion analysis of the can-specific inventory of fuel/clad sections in oversized canister. Report to include corrosion, thermodynamic and kinetic analysis for fuel clad systems to provide estimate of fuel and internal water activity conditions. d. Complete analysis of handling and transportation challenges from L to H area in damaged and vulnerable fuel (sectioned SS, zircaloy stored in OS canisters) including evaluating particulates and hydrogen generation from radiolysis and corrosion.
Acceptance Criteria			
DOE-SR will perform validation of the following: a. Degradation evaluation report. b. Revision of corrosion surveillance program plan. c. Report on detailed corrosion analysis of the can-specific inventory of fuel/clad sections in oversized canister. d. Analysis of handling and transportation challenges from L to H area in damaged and vulnerable fuel.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.03	9/30/14	\$350,000	Develop and demonstrate flowsheets and equipment for application in H-canyon/HB-Line. Potential scope could include:

			<ul style="list-style-type: none"> a. Fabrication and deployment of crawler to inspect ventilation system. b. Flowsheet development for next set of material to be processed. c. Program to reduce the amount of waste sent to the Tank Farms. d. Provide requested support to H-Canyon for processing used Nuclear Fuel (UNF) such as Hydrogen Generation Studies.
Acceptance Criteria			
DOE-SR will perform validation of the agreed upon items for FY14.			
<p><u>Contract Output SRNS2014SRNL-02 (Karen Hooker):</u></p> <p>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.</p>			
Description/Background/Justification:			
<p>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.</p> <p>At SRS, 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 SRS has made significant progress. Tank Closure Program activities are on schedule to meet or exceed all Federal Facility Agreement commitments.</p> <p>At Hanford, construction is well underway on the Pretreatment and Vitrification facilities. SRNL experience at SRS can be utilized to support flowsheet and other technology development activities.</p> <p>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</p>			

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.

Up to \$1,245,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.01	9/30/14	\$700,000	<p>Execute scope to provide technical bases, characterization results, consultation in support of SRS Tank Waste Projects. These efforts are likely to include support for the following:</p> <ul style="list-style-type: none"> a. DWPF/Saltstone waste form, flowsheet, sludge batch qualification. Qualify next sludge batch including developing processing options and frit formulation - dependent on SRR schedule for canister production. b. Tank Farm sample characterization, corrosion program. Perform sample characterization (dependent on sample needs) and support corrosion control program. c. Tank Closure sample characterization. Characterize any closure samples received to determine residual material left in tanks. d. Salt Processing. Qualify needed salt batches and support deployment of next generation solvent. e. Tank Closure/Saltstone Waste Disposition. Support SRR PA work through modeling and experimental scope - dependent on facility needs.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.02	9/30/14	\$470,000	<p>To maintain and enhance SRNL as a pre-eminent center for research, development, and deployment of technologies to cleanup the environmental legacy of the Nation's nuclear programs, SRNL will lead and execute scope for Hanford by providing technical bases and consultation. Scope</p>

			<p>to include:</p> <p>a. Continue work on "strategic" tasks for ORP initiated in FY13— including options for dealing with Tc, waste qualification strategies, process scenario evaluations, and glass formulation approaches. This effort could move into leading and executing Grand Challenges in support of the high level waste processing system at Hanford. Develop program execution plans for Grand Challenge efforts in support of high level waste processing at the Hanford site. Complete first phase of experimentation as part of these programs. Participate on the Hanford Tank Waste Disposition Integrated Flowsheet development team. Perform flowsheet evaluations and provide definition of key interfaces and waste acceptance criteria.</p> <p>b. Perform work for Hanford Contractors including WRPS and WTP. Potential scope areas include continuing work on Caststone, Tc removal options, development of waste qualification equipment and approaches:</p> <ul style="list-style-type: none"> - Complete full scale mixer testing in support of Caststone work - Complete experimentation on Tc removal options selected during downselection - Develop conceptual design and fabricate test equipment in support of the waste qualification effort <p>c. Continue leadership of the National Laboratory Technical Authority Team in support of the WTP Full Scale Vessel Qualification Testing Program.</p> <ul style="list-style-type: none"> - Define and qualify the instrumentation to be used during the full scale demonstration effort. Develop the simulant to be used during this instrument qualification and the first phase of testing
Acceptance Criteria			
DOE-SR will perform validation of the programs discussed above.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014	9/30/14	\$75,000	Provide technology development for EM-20. This

SRNL-2.03			<p>is important to establishing SRNL as the EM National Laboratory. These efforts could include:</p> <ul style="list-style-type: none"> a. Develop and issue the next generation performance models and complete oxidation front experimentation studies in support of the Cementitious Barriers Partnership. b. Issue technical report/journal article on the next phase of Long term glass corrosion modeling work studies. c. Potential work in separations areas.
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
<p><u>Contract Output SRNS2014SRNL-03 (Karen Hooker):</u></p> <p>Develop and deploy Next Generation Cleanup Technologies.</p>			
Description/Background/Justification:			
<p>The environmental cleanup of SRS 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.</p> <p>SRS 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. SRS plans to make these new technologies available across the country and internationally to assist others in their own cleanup efforts. SRS technological expertise and knowledge in cleanup has been highlighted to assist Japan in the remediation efforts at the Fukushima-Daiichi Nuclear Power Station.</p> <p>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.</p> <p>Up to \$470,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.01	9/30/14	\$50,000	<p>Provide technical support for SRNS Environmental Compliance & Area Completion Projects including products and services in meeting regulatory milestones and deliverables as well as developing and transitioning to passive environmental</p>

			<p>technologies and approaches for waste site remediation. This scope includes the following activities: MAPSL SVE Investigation for Vadose Zone CAP, MetLab BaroBall Wells Investigation for Vadose Zone CAP, Southern Sector Aerobic Stimulation Bench Test, Sampling and Analysis Supporting TNX Edible Oil Treatability Study, PAGW OU Characterization, and Timely GC Analysis of Soil Gas, Soil, and Groundwater Samples from EC & ACP. that may include the following:</p> <p>a. Provide technical support and report development to Environmental Compliance & Area Completion Projects (EC&ACP) in meeting regulatory milestones and deliverables (e.g., finalize 5 year ROD review deliverable, complete an H-tank Farm Groundwater Monitoring Plan and Sampling and Analysis Plan, complete an F-Tank Farm Groundwater Sampling and Analysis Plan, develop a Five-Year Remedy Review).</p> <p>b. Continue development and transition to passive environmental technologies and approaches for EC&ACP waste site remediation (e.g., T-Area).</p> <p>e. Continue support for operating systems and final closure of groundwater and vadose units (e.g., field sampling and analytical support for EC&ACP technology demonstrations and performance analysis for SVE operating treatment systems).</p>
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.02	9/30/14	\$160,000	<p>Provide technical support for SRNS Solid Waste Management. SRNL plans to:</p> <p>a. Develop and submit to DOE the FY 2014 Performance Assessment Maintenance Plan.</p> <p>b. Develop and submit to DOE the FY 2014 Composite Analysis Maintenance Plan.</p> <p>c. Develop and submit to DOE the FY 2013 PA</p>

			<p>Annual Review report.</p> <p>d. Develop and submit to DOE the FY 2013 CA Annual Review report.</p> <p>e. Develop and submit to SWM the UDQE to assess new modeling information.</p> <p>f. Complete and issue TBD reports.</p>
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.03	9/30/14	\$100,000	<p>Provide technical development for EM-10 on Environmental Compliance (EM-11), Soil & Groundwater Remediation (EM-12), D&D and Facility Engineering (EM-13).</p> <p>a. Provide LFRG technical support activities and technical support for the DOE Order 435.1 update.</p> <p>b. Applied Field Research Initiative (AFRI) technology development and ASCEM User Interface, Tank Demonstration, and testing at F-Area.</p> <p>c. In Situ Decommissioning (ISD) Sensor Network Test Bed and further ISD developments.</p>
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.04	9/30/14	\$100,000	<p>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 the following:</p> <p>a. Lead development and negotiations of new business contract(s) with Tokyo Electric Power Company (TEPCO) in Japan.</p> <p>b. Execute PNNL partnership to support technical scope of contract with TEPCO.</p> <p>c. Work with governmental agencies (Department of Energy, Department of State, etc.) to identify and establish SRNL leadership in U.S.</p>

			<p>government efforts supporting Fukushima remediation by the Ministries in the Government of Japan (MOE, METI, MEXT, etc.).</p> <p>d. Deliver emergent support to Fukushima cleanup based on EM laboratory leadership, capabilities and expertise.</p>
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Acceptance Criteria

DOE-SR will perform validation of the following:

- a. Negotiated contract(s) with TEPCO.
- b. PNNL partnership performance.
- c. SRNL participation or leadership in governmental agency support to Fukushima remediation.
- d. Validate laboratory support to emergent Fukushima cleanup issues. Validation will include pass/fail consideration for the above listed components.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.05	9/30/14	\$60,000	Relocate the Packaging Certification Program (PCP) Docket files from Germantown, Maryland to Savannah River National Laboratory. Transition the EM-33 PCP Docket Manager from Eagle Research to SRNL.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Contract Output SRNS2014SRNL-04 (Karen Hooker):

Develop Solutions to Close and Better Secure the Nuclear Fuel Cycle.

Description/Background/Justification:

SRNL helps develop the nations' 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.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-4.01	9/30/14	\$300,000	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 SRS. As part of this mission, SRNL will develop and lead the nations used (spent) nuclear fuel cycle initiatives through participation in the DOE Fuel Cycle Research and Development (FCR&D) Program. Perform DOE-NE FCR&D program funded work activities as specified in the Program Information Collection System NE (PICSNE) defined in terms of cost, schedule and technical performance. Complete all required Level 2 and Level 3 milestones (number TBD) for the Used Fuel Disposition Campaign, Separations and Waste Forms Campaign, and Fuel Cycle Options Campaign.
Acceptance Criteria			
DOE-SR will perform validation of the following: completed reports, presentations, and publications identified in the funded DOE-NE FCR&D scope.			
<u>Contract Output SRNS2014SRNL-05 (Karen Hooker):</u>			
Reduce greenhouse gas emission via Clean Alternative Energy Project.			
Description/Background/Justification:			
<p>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.</p> <p>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 SRS 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 SRS strategic initiative and goal for EM sites.</p> <p>Up to \$325,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-5.01	9/30/14	\$325,000	The vision for SRNL is to be the nation's premier applied science laboratory in Environmental Management, National and Homeland Security, and Energy Security. As part of the efforts in Energy

			<p>Security the following Clean Energy Projects will be completed :</p> <ul style="list-style-type: none"> a. Hydrogen Storage Engineering Center of Excellence-Technical Work Scope: Complete design and begin assembly of a two liter prototype cryo-adsorbent hydrogen storage prototype. b. Basic Science: Have accepted for publication in the area of energy storage and conversion three technical articles in peer reviewed journals with impact factors = >3. c. Methane opportunities for Vehicular Energy - Complete a test station for evaluation of a two liter prototype methane adsorption system meeting the DoE technical targets. d. SunShot "Low-Cost Metal Hydride Thermal Energy Storage System for Concentrating Solar Power Systems" - Complete FY14 milestone: Complete system model and evaluate at least one metal hydride material pair capable of meeting DOE SunShot thermal energy storage targets as defined in Statement of Project Objectives. e. SunShot High Temperature Corrosion Analysis of Molten Salt Systems for CSP Applications. Commission high temperature thermal gradient and fluid flow corrosion apparatus system for molten salt systems as outlined in Statement of Project Objectives (SOPO).
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Acceptance Criteria

DOE-SR will perform validation of the following:

- a. EERE program management acknowledgement of requirements delivered as specified.
- b. Copies of acceptance letters and 2013 journal impact factors.
- c. Completed test station and approved HAP.
- d. Draft annual report for SRNL Year 2 experimental testing work to EERE SunShot review by 9/30/14.
- e. Draft annual report for SRNL Year 2 experimental testing work to EERE SunShot review by 9/30/14.

Contract Output SRNS2014SRNL-06 (Karen Hooker):

Expand the SRNL presence 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 United States Intelligence Community (USIC). 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.

Up to \$200,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-6.01	9/30/14	\$200,000	<p>The vision for SRNL is to be the nation's premier applied science laboratory in Environmental Management, National Security, and Energy Security. As part of the work on National Security, SRNL will provide technical support for DOE-IN as follows :</p> <ul style="list-style-type: none"> a. Deliver to US Policy Makers technical reports and assessments of foreign nuclear weapons programs that have been reviewed and published by DOE-IN. b. Update 100% of the Nuclear Materials Information Program (NMIP) assessments for which SRNL is responsible.

			c. Promote Counter Intelligence (CI) site-wide by conducting awareness briefings and training for all on-site contractors.
Acceptance Criteria			
DOE-SR will perform validation of the following:			
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. CI awareness briefings and training are completed for all on-site contractors.			
<u>Contract Output SRNS2014SRNL-07 (Karen Hooker):</u>			
SRNL Infrastructure Sustainment.			
Description/Background/Justification:			
<p>SRNL offers a unique combination of capabilities, equipment, and infrastructure that are not available anywhere else in the United States. 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 SRS vision targets SRNL to be the central hub as SRS expands its business segments to address DOE needs that capitalize on historic SRS competencies and capabilities. SRNL will actively seek ways to revitalize and present these assets for more wide-spread beneficial use.</p> <p>Up to \$1,485,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.01	9/30/14	\$300,000	SRNL will implement High Priority Safety Basis scope and nuclear infrastructure improvements as defined in the approved FY14 SVS Implementation Plan as developed between DOE-SR OLO and SRNL. This Implementation Plan will be updated as needed and on an annual basis to: <ul style="list-style-type: none"> a. Meet selected project milestones for identified High Priority DNFSB Scopes. b. Complete Safety Basis scope improvements.
Acceptance Criteria			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.02	9/30/14	\$390,000	As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, complete A Block window replacements with no adverse impact to EM Liquid Waste mission work.
Acceptance Criteria:			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.03	9/30/14	\$695,000	As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, reduce deferred maintenance backlog by effective management of Construction Maintenance orders (CMO) and Major Maintenance scopes and effective execution of IGPP projects. Complete candidate IGPP capital projects that support restoration and sustainment of facility infrastructure as defined in the approved FY14 SVS Implementation Plan. Complete Construction Maintenance Orders and major maintenance scopes as defined in the approved FY14 SVS Implementation Plan.
Acceptance Criteria:			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.04	9/30/14	\$100,000	As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, effectively manage the implementation of the SRNL Infrastructure Plan to minimize operational cost. Implement the SRNL Infrastructure Plan to reduce operational cost by facility and scientific instrument renewal as well as an improved Asset Condition Index as defined in the approved FY14 SVS Implementation Plan.
Acceptance Criteria			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
<u>Contract Output SRNS2014SRNL-8 (Karen Hooker):</u>			
Conduct effective laboratory management.			

Description/Background/Justification:			
<p>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.</p> <p>Up to \$75,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-8.01	9/30/14	\$75,000, paid upon completion of items a-b	<p>a. Provide a framework that allows for documentation of laboratory management for 1) Effective use of partnerships (internal, academic, community, government agencies, etc.), 2) Maintenance of core competencies and retention of employees, 3) Improvement in internal business processes and goals, 4) Business unit strategies, and 5) Effective use of recommendations from external reviews.</p> <p>b. Proceed with implementation of the University Relations Program Plan developed in FY13.</p>
Acceptance Criteria			
<p>DOE-SR will perform validation of the following:</p> <p>a. Documentation of the improved institutional management of SRNL.</p> <p>b. Implementation Status Report for the FY13 University Relations Plan.</p>			



Performance Incentive Document

PID Number:	SRNS2014LS		
Activity Name:	EM Landlord Services		
WBS Number:	Various / Indirect		
Performance Period:	October 1, 2013 – September 30, 2014		
Allocated Fee:	\$1,410,000 \$1,510,000		
Revision Number:	0 1		
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 Nick Delaplane		
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. This section includes Site Services and Business Services.			
<u>Contract Output SRNS2014LS-01:</u>			
The Contractor shall meet all SRNS agreed upon scheduled milestones to plan & execute development of SRS Sustainability initiatives and High Performance Sustainable Buildings (HPSB) program objectives to meet scheduled site sustainability goals.			
Description/Background/Justification:			
DOE has approved a Complex-wide Strategic Sustainability Performance Plan. This plan addresses such topics as greenhouse gas emission reductions, High Performance Sustainable Buildings (HPSB), water use, and pollution prevention/waste elimination. DOE sites have been tasked to make progress toward goals established for 2015 and 2020. The benchmark for the HPSB 15% reduction is defined in Executive Order (E.O.) 13514 section 2(g).			
Up to \$100,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:

SRNS2014 LS-1.01	12/31/13	\$100,000 – fee is earned by meeting all milestones.	a. Develop the FY14 Site Sustainability Plan for the Savannah River Site in accordance with the DOE-HQ annual guidance document by 12/31/13.
	1/31/14		b. Prepare the SRS Consolidated Energy Data Report (CEDR) in accordance with annual DOE-HQ guidance documentation by 1/31/14.
	9/30/14		c. Continue development of High Performance Sustainable Buildings (HPSB) Program objectives by completing the following activities: <ul style="list-style-type: none"> • Conduct lighting-specific walkdowns of facilities, to determine how to comply with the automated lighting controls objective associated required by the HPSB Guiding Principles and develop layouts summarizing how compliance will be achieved. Determine FY15 funding requirement to complete objective. • Complete metering objective by installation of meter and establishing monthly meter readings for all facilities in HPSB scope. • Update EPA Portfolio Manager database as needed to show status of HPSB objectives for all buildings

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate the FY14 SRS Annual Sustainability Plan and transmit the Plan to DOE-HQ for use in the DOE agency-wide Strategic Sustainability Performance Plan.
- Evaluate the FY14 SRS Consolidated Energy Data Report and transmit the Report to DOE-HQ for use in DOE agency-wide data collection.
- Evaluate documentation associated with the High Performance Sustainable Buildings Program including review of layouts that summarize compliance to program objectives and FY15 funding requirements.

Contract Output SRNS2014LS-02:

The Contractor shall develop and implement cost efficient approaches to reduce government

liability.

Description/Background/Justification:

Initiatives are needed to address site energy costs and infrastructure support of current and future missions. Site Services will also evaluate organizational practices to identify efficiency gains and cost improvements and achieve government liability reduction where appropriate.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-2.01	5/31/14	\$150,000	Partnering with DOE in the negotiation of a new five-year contract with South Carolina Electric & Gas Company, including the following: <ul style="list-style-type: none"> • Participate with DOE in the contract development process and negotiation of terms and costs. • Provide financial analysis through evaluation of life cycle cost options for the contract.

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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-2.02	9/30/14	\$150,000	Develop an Infrastructure Alignment Plan/Study that outlines infrastructure right sizing recommendations, including footprint reduction that will coincide with current and future missions, SRNS baseline operations and funding profile (e.g. facilities, roads, infrastructure systems, etc.) Implement infrastructure right-sizing recommendations as approved by DOE and as funding is available.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Perform walkdown of the targeted systems/processes for the scope.
- Evaluate effectiveness of recommendations.
- Validate evidence of implementation.

Contract Output SRNS2014LS-03:

The Contractor shall meet all SRNS agreed upon scheduled milestones to actively seek cost effective opportunities to reduce government liability and benefit the community through the DOE Asset Revitalization Initiatives and Programs.

Description/Background/Justification:

The identification, leveraging, revitalization, and disposition of site assets reduce EM liability, minimize lifecycle cost, and achieve Footprint reduction. Wherever it is cost effective, utilize the SRS Community Reuse Organization to provide additional opportunities to benefit the surrounding community. Site Services will continue to evaluate consolidation of facilities, services and functions for cost improvements.

Up to \$110,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-3.01	9/30/14	\$110,000	Provide liaison support for a successful transition of the privatization of Outsource the SRNS ESS Facilities Maintenance and ensure success by providing business and technical leadership.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate documentation defining transition process.
- Review and evaluate effectiveness of the transition support.

Contract Output SRNS2014LS-04:

The Contractor shall meet all SRNS agreed upon scheduled milestones to cost effectively maintain SRS plant systems, components, structures, and also improve maintenance processes to meet site missions and positively address deferred maintenance issues.

Description/Background/Justification:

Procedure Manual 1Y, *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 requirements ensure a safe and cost effective maintenance program at SRS.

Up to \$200,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
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SRNS2014 LS-4.01	9/30/14	\$100,000	Continue the implementation of the Maintenance Paperless Work Package. Achieve 10% more EM paperless work packages completed in FY14 compared to the average of last four months in FY13 as baseline.
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Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Randomly sample electronic work packages.
- Evaluate trending results for EM facilities.
- Evaluate Time & Cost savings documentation.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-4.02	9/30/14	\$100,000	Continue the implementation of the Preventive Maintenance (PM) optimization process. <ul style="list-style-type: none"> • Evaluate and incorporate Predictive Maintenance (PdM) in the process. • Demonstrate savings in overall efficiency gain.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Verify the PM baseline.
- Evaluate effectiveness of the optimization process.

Contract Output SRNS2014LS-05:

The Contractor shall sustain and/or modernize site facilities/infrastructure, provide quality Shops services to achieve mission goals/milestones and ensure a safe and secure workplace for all SRS personnel.

Description/Background/Justification:

The SRS infrastructure is approaching 60 years old. Over the past 10 years, funding for infrastructure repairs/replacement declined considerably due to budget challenges. The Critical Infrastructure Integrated Priority List (CI IPL) was implemented to identify the most critical projects for SRS. The Contractor will execute funded projects and provide quality Shops services to ensure a safe and secure workplace for all SRS personnel.

Up to \$300,000 ~~\$400,000~~ of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014	9/30/14	\$300,000	Execute Infrastructure modernization/ improvement

LS-5.01			Utility system projects, sustaining activities and liability reduction work scope (e.g. water systems, electrical distribution system, etc.).
Acceptance Criteria			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:			
<ul style="list-style-type: none"> Evaluate Summary Report and perform field walkdown of completed activities consistent with infrastructure IPL. Review Final Acceptance Inspection (FAI) documents or Work Packages of completed work scope. Before and after photographs of completed modernization work scope as feasible. 			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-5.02	9/30/14	\$100,000	<ul style="list-style-type: none"> Evaluate the Critical Infrastructure Integrated Priority List (CIPL) process and further improve the data content for better use as a tool for funding allocation. Evaluate and report CIPL effectiveness through an analysis of the disposition of CIPL projects from the prior 3 years.
Acceptance Criteria			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:			
<ul style="list-style-type: none"> Evaluate CIPL documentation. Review the updated CIPL quarterly or as-needed. Evaluate data improvements. Evaluate CIPL effectiveness report. 			
<u>Contract Output SRNS2014LS-06:</u>			
<u>Real Property Asset Management</u>			
The Contractor shall meet all SRNS agreed upon scheduled milestones by leveraging the Real Property Asset Management Program and Facility Information Management System (FIMS) data to effectively manage SRS infrastructure needs.			
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 FY14. In addition, improvements to the accuracy of the SRS Actual Maintenance Cost Reporting Data will continue to be implemented for the HQ FIMS.			

Up to \$200,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-6.01	9/30/14	\$200,000.00	<p>a. Evaluate and begin implementation of the Corrective Action Plan to more accurately capture SRS Actual Maintenance Cost Reporting. Subsequently, provide data input to support Site Planning integration.</p> <p>b. Demonstrate cost reduction and/or cost avoidance by:</p> <ul style="list-style-type: none"> Integrating impacts of ARRA project completion, site housing consolidation planning, workforce restructuring, site mission changes and lessons learned from Condition Assessment Survey (CAS) inspections into the RPAM SmartPlan (SRNS-RP-2011-00202). Revise RPAM SmartPlan requirements to more cost effectively implement DOE Order 430.1B. Evaluating Facility assessments conducted by other organizations (Engineering, maintenance, Operations, etc.) for CAS applicability. <p>c. Leverage Real Property Asset Management Program (RPAM) for the Site, develop a tailored approach for the Replacement Value (RPV) of agreed upon unique/critical facilities and initiate implementation.</p> <p>d. Evaluate Facility Information Management System (FIMS) database and make recommendations for data improvements. Also, update and maintain information of over 2,000 FIMS real property records to ensure the data is accurate and reliable.</p> <p>e. Continue to perform CAS inspections to ensure SRS meets the facility condition assessment 5 year cycle.</p>
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 Actual Maintenance Corrective Action Plan and evaluate the Cost Reporting implementation. Review and evaluate the evidence of data input to Site Planning.
- b. Review documentation that outlines the following:
 - Cost avoidance scenario(s) from the various integrated site impacts.
 - Assessment of cost avoidance as reported.
 - Revised Condition Assessment Survey Process that maximizes cost reduction and/or cost avoidance.
- c. Evaluate RPV for H-Canyon, DWPF and SRNL 773-A Lab.
- d. Review evidence of implementation – documentation in DOE-HQ FIMS records demonstrated by performance against metrics implementation schedule.
- e. Review Condition Assessment Survey (CAS) Reports for the structures inspected in FY14. In addition, DOE-SR will perform field walk down on randomly selected completed facilities/structures and then verify that CAS data has been placed into the DOE-HQ Condition Assessment Information System (CAIS).

Contract Output SRNS2014LS-07:

Site Integrated Planning and Business Process Improvement

The Site Integrated Planning process integrates site mission planning and real property asset management. These recommendations and objectives will demonstrate improved linkage and dependencies at strategic, operational and tactical levels in support of the successful execution of the Site missions and landlord functions at SRS that includes support of all Site tenant organizations. Additionally, there will be a continued focus on improving crosscutting business processes that support the provision of services to Site missions.

Description/Background/Justification:

Execution of planned missions requires support from multiple functional organizations on site. Improving efficiency of crosscutting business processes required by these support groups will decrease cost and improve execution schedules. An additional goal is to improve those crosscutting processes.

Up to \$100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-7.01	9/30/14	\$100,000	Update the Land Use Plan to reflect the results of the DOE-SR Planning Process.
Acceptance Criteria			
DOE will be provided / will review the following for validation:			
<ul style="list-style-type: none"> Final Draft of the revised plan for review and publication. 			

<u>Contract Output SRNS2014LS-08:</u>			
<u>Interface Management</u>			
The Contractor shall execute Interface Management with site tenants to deliver landlord services in support of mission execution.			
Description/Background/Justification:			
Effective implementation of site interface management process (necessary maintenance and communication of interface processes, procedures and agreements) results in the effective delivery of landlord services. This ensures an efficient process to support tenant site mission completion activities.			
Annually the Interface Management Team develops a lessons learned regarding the interfaces of the tenants. These recommendations are the basis for the improvements defined in items 2 and 3.			
Up to \$100,000 of the allocated fee will be paid for this Contract Output.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-8.01	9/30/14	\$100,000	<p>Improve the SRS Interface Management Process by supporting DOE in the implementation of the Site Policy Manual SRSPM 250.1.1B.</p> <p>Note: This improvement is defined in the 2013 Interface Management Lessons Learned developed by the Interface Management Team:</p> <ol style="list-style-type: none"> Providing support in developing a matrix of current contractor (SRNS, SRR, MOX, SWPF, WSI) applicability for each policy. Provide suggested handling strategies for the major contract omissions (i.e. contract modification, policy modification...)
Acceptance Criteria			
DOE-SR will review the Contractor Applicability Matrix and suggested handling strategies.			



Performance Incentive Document

PID Number:	SRNS2014SUBJ	
Activity Name:	Management & Operations - Subjective	
WBS Number:	Various / Indirect	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$5,000,000	
Revision Number:	0 1	
Senior level manager:	Doug Hintze Assistant Manager Mission Support (AMMS)	
Senior level supervisor/division manager:	Nick Delaplane	
Contract Performance Outcome:		
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 SRS 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		
The Contractor shall plan and safely execute a program that meets all regulatory commitments reflected in the SRS 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 SRS 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.

Sitewide ES&H Program

The Contractor shall conduct a comprehensive ES&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 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.

Contract Output SRNS2014SUBJ-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 2014 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.

Adjectival Rating	Percent of allocable fee	Definition
Excellent	91% - 100%	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.
Very Good	76% - 90%	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.
Good	51% to 75%	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.
Satisfactory	1% to 50%	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.
Unsatisfactory	0%	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.
Description/Background/Justification:		
<p>To achieve its vision and implement all desired management improvement efforts will require an organized, systematic approach to project execution. EM has developed and implemented 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.</p> <p>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.</p> <p>The IPT, as identified in the PEMP, will conduct informal surveys of the following organizations in order to solicit feedback related to contractor performance in the areas of Business Relations, Technical Quality, Cost Control and Schedule (timeliness):</p>		

Assistant Manager for Infrastructure and Environmental Stewardship (AMIES)

Assistant Manager for Mission Support (AMMS)

- Assistant Manager for Integration and Planning (AMIP)
- Office of Acquisition Management (OAM)
- Office of Human Capital Management (OHCM)

Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)

Assistant Manager for Waste Disposition Project (AMWDP)

Office of Field Chief Financial Officer (CFO)

Office of Chief Counsel (OCC)

Office of Civil Rights (OCR)

Office of External Affairs (OEA)

Office of Laboratory Oversight (OLO)

Office of Safety and Quality Assurance (OSQA)

Office of Safeguards, Security and Emergency Services (OSSES)

SRNS organizations will provide monthly self-assessments throughout the performance period to provide contractor feedback in cross-cutting areas of performance, such as safety, efficient use of trained and qualified human capital, quality, continuous improvement, cost effectiveness, timeliness of deliverables, compliance with contract, etc. The self-assessments will be 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. These self-assessments will be captured on the electronic web-based DOE Scorecard and used to facilitate enhanced communication between DOE-SR and SRNS.

These assessments are critical to record contract performance that is considered implicit, or subjective. Clear measures will be 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.

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, which will consider the related conditions under which the work was performed and the contractor's specific performance as measured against the government's objective.

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.

Per contract clause 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.

Up to \$2,610,000 \$5,000,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SUBJ-1.01	9/30/14	\$5,000,000	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 and G&A).
Acceptance Criteria			
DOE-SR will review the contractor monthly report 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.			

Attachment D, NNSA Performance Incentive Documents for fiscal year 2014

[Will be attached]

Attachment 2: Comments, Subject:
DOE-SR SRNS FY 2014
Performance Evaluation
Measurement Plan Comments and
Resolution, Dated: OCT 24 2013

ATTACHMENT CONTAINS OUO INFORMATION

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT D CODE		PAGE OF PAGES	
						1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
0414		10/25/2013		14EM000169			
6. ISSUED BY		CODE		7. ADM NISTERED BY (If other than Item 6)		CODE	
		00901				00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802				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)				(x) 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			
CODE		FACILITY CODE		10B. DATED (SEE ITEM 13)			
798861048				01/10/2008			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended <input type="checkbox"/> 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. ACCOUNT NG AND APPROPRIATION DATA (If required)				Net Increase:		\$83,143,864.55	
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 <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 3. Funds in the amount of \$83,143,864.55 are hereby obligated to CLIN 0001, thereby increasing it from \$4,855,416,119.96 to \$4,938,559,984.51.							
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 \$6,255,144,463.79 to \$6,338,288,328.34.							
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)				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	
				Signature on File		10/25/2013	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

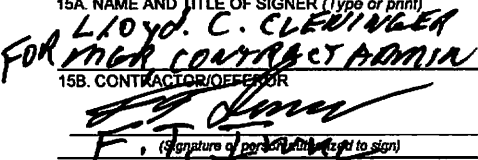
NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT D CODE		PAGE OF PAGES	
						1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
0415		10/25/2013		14EM000169			
6. ISSUED BY		CODE		7. ADM NISTERED BY (If other than Item 6)		CODE	
		00901				00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802				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)				(x) 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)			
CODE 798861048		FACILITY CODE		01/10/2008			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended <input type="checkbox"/> 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. ACCOUNT NG AND APPROPRIATION DATA (If required)				Net Increase:		\$65,788.87	
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 <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 Commercial), in accordance with SRNS FINPLAN 3. Funds in the amount of \$65,788.87 are hereby obligated to CLIN 0001, thereby increasing it from \$4,938,559,984.51 to \$4,938,625,773.38.							
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 \$6,338,288,328.34 to \$6,338,354,117.21.							
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)				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	
(Signature of person authorized to sign)				Signature on File		10/25/2013	
				(Signature of Contracting Officer)			

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0416		3. EFFECTIVE DATE 10/25/2013		4. REQUISITION/PURCHASE REQ. NO. 14EM000169	
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 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 CLEVERINGER 203 LAURENS ST SW AIKEN SC 298012421		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE 798861048 FACILITY CODE		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					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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: -\$17,894.53					
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 <input type="checkbox"/> is not. <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> 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 3, as cited below: 1) Department of Defense: (-\$2,484.21) 2) Department of Justice: (-\$14,823.00) 3) MISCELLANEOUS: (-\$587.32) The total amount de-obligated from CLIN 0001 is \$(-17,894.53), thereby decreasing it from \$4,938,625,773.38 to \$4,938,607,878.85. B. 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) LLOYD C. CLEVERINGER FOR THE CONTRACT ADMIN		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marie A. Garvin		16B. UNITED STATES OF AMERICA	
15B. CONTRACTOR/OFFEROR 		15C. DATE SIGNED 10/25/13		16C. DATE SIGNED 10/25/2013	
NSN 7540-01-152-8070 Previous edition unusable		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243			

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0416	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to decrease the total amount of funds obligated to the contract from \$6,338,354,117.21 to \$6,338,336,222.68.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged. FOB: Destination</p>				




Temporary Delegation of Authority

	Start	Through
Temporary Delegation Dates	10/25/2013 11:30 AM	11/04/2013 11:59 PM
Current Status	Active	
Reason for Delegation	Away from Site	
Recipients you wish to notify	DOA	
Attachments		

	Delegator (From)	Delegatee (To)
Name	CLEVINGER, LLOYD CLARK II	IWUC, FRANCIS T
User ID	D7547	O6138
Company	SRNS	SRNS
Department	U0000 - CONTRACTS	U1000 - CONTRACT ADMINISTRATION
Location	730-1B, Room 326	730-1B, Room 327
Phone	8039527712	8039528687
Permanent LOA	2	
Contact Information		
Pager		
Delegator has CAM Authority and wishes to delegate it?		

Employee	Action Taken	Status	Date
Lloyd Clevinger	Temporary delegation created	Draft	10/17/2013 11:52:04 AM
Lloyd Clevinger	Temporary delegation saved in draft mode	Active	10/17/2013 11:52:43 AM
Lloyd Clevinger	TDA Set to Active	Active	10/25/2013 7:31:29 AM
Lloyd Clevinger	Email Notifications generated		10/25/2013 7:31:29 AM

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0417		3. EFFECTIVE DATE 10/30/2013		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) 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.		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		<input type="checkbox"/> 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.			
<input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.					
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) Section I, DEAR 970.5211-1 Work Authorization (May 2007)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 contract work authorizations listed below:					
1) No. HQ091101-14, for Advanced Simulation Capability for Environmental (See Attachment 1, A) 2) No. KC/SR1/4-14, for Basic Energy Science - Energy Frontier Research Centers (See Attachment 1, B) 3) No. KP/W/SR1/4-14, for Biological and Environmental Research (See Attachment 3, C) 4) No. HQ1001-14, for Energy Employees Occupational Illness Compensation Program (EEOICPA) (See Attachment 4, D) 5) No. SR091701-14, for In Situ Decommissioning (See Attachment 5, E) 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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marie A. Garvin			
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
				16C. DATE SIGNED 10/30/2013	

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0417	2	2

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>6) No. 410003-TS-14, for SRNL Technical Support (See Attachment 7,E)</p> <p>Funds were previously allocated by separate modifications under FINPLAN number 3, for Fiscal Year 2014.</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0418		3. EFFECTIVE DATE 11/21/2013		4. REQUISITION/PURCHASE REQ. NO. 14EM000438	
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 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. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470 10B. DATED (SEE ITEM 13) 01/10/2008		CODE 798861048 FACILITY CODE	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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: \$23,986,375.38					
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) 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 <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 4. Funds in the amount of \$23,986,375.38 are hereby obligated to CLIN 0001, thereby increasing it from \$4,938,607,878.85 to \$4,962,594,254.23. 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 \$6,338,336,222.68 to \$6,362,322,598.06. 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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett			
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	
				16C. DATE SIGNED 11/21/2013	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0419		3. EFFECTIVE DATE 11/21/2013		4. REQUISITION/PURCHASE REQ. NO. 14EM000438	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE 00901		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		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. 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		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> 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: \$242,251.53			
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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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 Commercial), in accordance with SRNS FINPLAN 4. Funds in the amount of \$242,251.53 are hereby obligated to CLIN 0001, thereby increasing it from \$4,962,594,254.23 to \$4,962,836,505.76.					
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 \$6,362,322,598.06 to \$6,362,564,849.59.					
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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
		James Lovett			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				(Signature of Contracting Officer)	
				16C. DATE SIGNED 11/21/2013	
NSN 7540-01-152-8070 Previous edition unusable		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243			

REFERENCE NO. OF L MENT BEING CONTINUED
DE-AC09-08SR22470/0419

PAGE	OF
2	2

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0420		11/21/2013		14EM000438	
6. ISSUED BY		CODE		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		00901		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)				9A. AMENDMENT OF SOLICITATION NO.	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421				(x)	
				9B. DATED (SEE ITEM 11)	
				x	
				10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470	
				10B. DATED (SEE ITEM 13) 01/10/2008	
CODE		FACILITY CODE			
798861048					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> 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: \$100,486.05	
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 <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 (Department of State)), in accordance with SRNS FINPLAN 4. Funds in the amount of \$100,486.05 are hereby obligated to CLIN 0001, thereby increasing it from \$4,962,836,505.76 to \$4,962,936,991.81.					
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 \$6,362,564,849.59 to \$6,362,665,335.64.					
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)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			James Lovett		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				(Signature of Contracting Officer)	
				11/21/2013	

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0420

PAGE	OF
2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0421		3. EFFECTIVE DATE 11/21/2013		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) 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		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 798861048		FACILITY CODE		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					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> 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 Section I, DEAR 970.5211-1 Work Authorization (May 2007)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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 contract work authorizations listed below:					
1) No. IN14013-14, for Energy and Threat (See Attachment 1, A) 2) No. IN14025-14, for Energy and Threat (See Attachment 1, B) 3) No. IN14035-14, for Energy and Threat (See Attachment 1, C) 4) No. 89X0319-14, for Fuel Cycle Technologies (See Attachment 1, D) 5) No. HI-410003-14, for Fuel Cell Technologies Office (See Attachment 1, E) 6) No. H1-410003-14, Rev 1, for Fuel Cell Technologies Office (See Attachment 1, F) 7) No. 410003-TS-14, Rev 1, for SRNL Technical Support (See Attachment 1, G) 8) No. WW-410003-14, for Wind and Hydropower Technologies Program (Attachment 1, H) 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)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			Marie A. Garvin		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)	
				16C. DATE SIGNED 11/26/2013	

CONTINUATION SHEET

 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 DE-AC09-08SR22470/0421

PAGE 2 OF 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>9) SRNS Financial Plan No. 4 (Attachment 1(I)</p> <p>Funds were previously allocated by separate modifications under FINPLAN number 4, for Fiscal Year 2014 (See Attachment 1, I) .</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0422		3. EFFECTIVE DATE 12/03/2013		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE 00901		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		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		(x) 9A. AMENDMENT OF SOLICITATION NO.			
CODE 798861048 FACILITY CODE		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. ☐ 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	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.

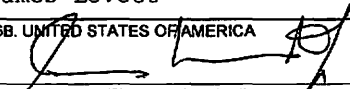
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate three contract work authorizations, and delete a Memorandum inadvertently scanned in the supporting documentation for Modification 0421:

A. The Contract Work Authorizations listed below, are hereby incorporated under the Contract:

- 1) No. HQ10001-0-SR, Rev 1, for Energy Employees Occupational Illness Compensation Program (See Attachment 1, A)
 - 2) No. HQTD1005, for Increased Waste Loading (See Attachment 1, B)
 - 3) No. PC410003-14, for Packaging and Certification and Transportation (See Attachment 1, C)
- 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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 12/09/2013

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0422	PAGE 2	OF 2
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NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Funds were previously allocated by separate modifications, reference SRNS Financial Plan #4, for Fiscal Year 2014, a copy is provided as Attachment 1, D, hereto.</p> <p>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.</p> <p>C. Under Modification 0421, supporting documentation to Contract Work Authorization No. IN14035-14, for Energy and Threat, the NNSA Memorandum for Lori Talbert-Burt, should be deleted in it's entirety. This document was inadvertently scanned as part of the supportitng documentation.</p> <p>D. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 1	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0423		12/30/2013			
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		00901		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)		9A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		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		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)

No changes 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) Clause H-28, Performance-Based Incentives

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

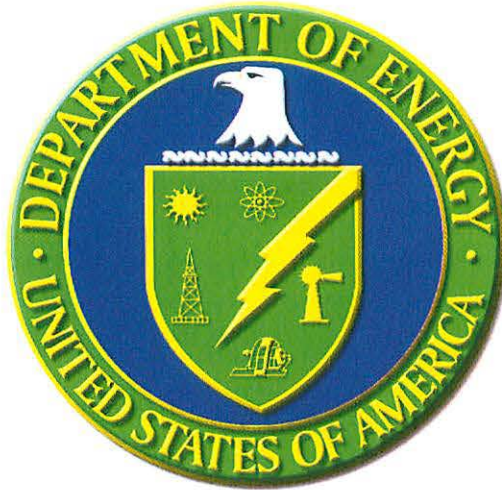
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate Performance Evaluation Measurement Plan (PEMP), Revision 2, for the period October 1, 2013 through September 30, 2014. Previous edition of the FY 2014 PEMP is hereby superseded and replaced with Revision 2, effective December 30, 2013.

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)	
		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	12/30/2013



**U.S. Department of Energy
Savannah River Site**

**PERFORMANCE EVALUATION
MEASUREMENT PLAN**

**Savannah River Nuclear Solutions, LLC
CONTRACT NO. DE-AC09-08SR22470
Modification No. 423**

Evaluation Period:

October 1, 2013 through September 30, 2014

Rev. 2 effective: December 30, 2013

Approval Page

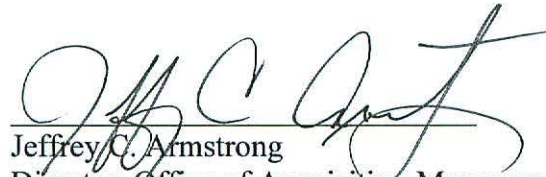
Concurrence:

Date:



Lucy Knowles
Chief Counsel, Office of Chief Counsel

12/30/2013



Jeffrey C. Armstrong
Director, Office of Acquisition Management

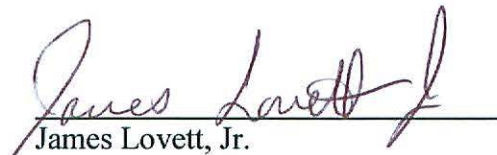
12/11/13



Douglas E. Hintze
Assistant Manager for Mission Support

12/11/13

Approval:



James Lovett, Jr.
Contracting Officer
Contracts Management Division

12/20/2013

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Attachment D, NNSA Performance Incentive Documents for fiscal year 2014	67

Revision Summary Log

Rev. #	Rev. Date	Affected Sections / Pages	Description of Revision
0	10/01/13	All	Initial Issue for this evaluation period
1	10/xx/13	Page 21, changed incentive summary table to reflect switch of fee from NMS to LS.	Nuclear Material Stabilization: \$8,900,000 \$8,800,000 Landlord Services: \$6,160,000 \$6,260,000
1	10/xx/13	Page 22, changed allocated fee for EMO PBI.	Allocated Fee: \$8,900,000 \$8,800,000
1	10/xx/13	Page 23, changed completion criteria for milestone SRNS2014EMO-1.01.	Completion Criteria: Ship one LEU trailer offsite to Areva for TVA contract.
1	10/xx/13	Page 25, changed completion criteria for milestone SRNS2014EMO-2.01.	Completion Criteria: Prepare, and receive, and store containers of surplus plutonium and uranium from LANL off-site items in K Area in accordance with the schedule maintained by DOE-SR.
1	10/xx/13	Page 26, changed completion criteria for milestone SRNS2014EMO-2.06.	Completion Criteria: K Area will perform 20 Pu measurements on 20 different cans.
1	10/xx/13	Page 26, changed completion criteria for milestone SRNS2014EMO-2.08.	Completion Criteria: Complete FSV +34 or the +48 roof replacement. Replace the Final Storage Vault roof at either the +34 or the +48 level depending on roofer's evaluation.
1	10/xx/13	Page 27, changed completion criteria for milestone SRNS2014EMO-3.02.	Completion Criteria: a. Determine feasibility to reduce to a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel. Assumes DNFSB concurrence with proposal. b. If the feasibility study supports reducing to a single exhaust as well as a single generator, and DNFSB supports this concept, issue design to support a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel.
1	10/xx/13	Page 27, changed completion criteria for milestone SRNS2014EMO-3.03.	Completion Criteria: Determine the feasibility of study to stopping water intrusion to 221-F RR Tunnel and 800 Underground Cell.
1	10/xx/13	Page 27, deleted milestone SRNS2014EMO-3.04.	Date: 12/30/13 Fee: \$100,000 Completion Criteria: Submit DSA/TSR for F/H laboratory based on leak-path factor evaluation. Acceptance Criteria: DOE-SR will review the SRNS approved DSA/TSR for the F/H lab based on leak-path factor evaluation.
1	10/xx/13	Page 43, changed completion criteria for milestone SRNS2014SRNL-2.02.	Completion Criteria: a. Continue work on "strategic" tasks for ORP initiated in FY13—including options for dealing with Tc, waste qualification strategies, process scenario evaluations, and glass formulation approaches. This effort could move into leading and executing Grand Challenges in support of the high level waste processing system at Hanford. Develop program execution plans for Grand Challenge efforts in support of high level waste processing at the Hanford site. Complete first phase of experimentation as part of these programs. Participate on the Hanford Tank Waste Disposition Integrated Flowsheet development team. Perform flowsheet evaluations and provide definition of key interfaces and waste acceptance criteria. b. Perform work for Hanford Contractors including WRPS and WTP.

			<p>Potential scope areas include continuing work on Caststone, Tc removal options, development of waste qualification equipment and approaches:</p> <ul style="list-style-type: none"> - Complete full scale mixer testing in support of Caststone work - Complete experimentation on Tc removal options selected during downselection - Develop conceptual design and fabricate test equipment in support of the waste qualification effort <p>c. Continue leadership of the National Laboratory Technical Authority Team in support of the WTP Full Scale Vessel Qualification Testing Program.</p> <ul style="list-style-type: none"> - Define and qualify the instrumentation to be used during the full scale demonstration effort. Develop the simulant to be used during this instrument qualification and the first phase of testing
1	10/xx/13	Page 44, changed completion criteria for milestone SRNS2014SRNL-2.03.	<p>Completion Criteria: Provide technology development for EM-20. This is important to establishing SRNL as the EM National Laboratory. These efforts could include:</p> <ol style="list-style-type: none"> Develop and issue the next generation performance models and complete oxidation front experimentation studies in support of the Cementitious Barriers Partnership. Issue technical report/journal article on the next phase of Long term glass corrosion modeling work studies. Potential work in separations areas.
1	10/xx/13	Pages 44 and 45, changed completion criteria for milestone SRNS2014SRNL-3.01.	<p>Completion Criteria : Provide technical support for SRNS Environmental Compliance & 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: MAPSL SVE Investigation for Vadose Zone CAP, MetLab BaroBall Wells Investigation for Vadose Zone CAP, Southern Sector Aerobic Stimulation Bench Test, Sampling and Analysis Supporting TNX Edible Oil Treatability Study, PAGW OU Characterization, and Timely GC Analysis of Soil Gas, Soil, and Groundwater Samples from EC & ACP. that may include the following:</p> <ol style="list-style-type: none"> Provide technical support and report development to Environmental Compliance & Area Completion Projects (EC&ACP) in meeting regulatory milestones and deliverables (e.g., finalize 5 year ROD review deliverable, complete an H-tank Farm Groundwater Monitoring Plan and Sampling and Analysis Plan, complete an F-Tank Farm Groundwater Sampling and Analysis Plan, develop a Five Year Remedy Review). Continue development and transition to passive environmental technologies and approaches for EC&ACP waste site remediation (e.g., T-Area). Continue support for operating systems and final closure of groundwater and vadose units (e.g., field sampling and analytical support for EC&ACP technology demonstrations and performance analysis for SVE operating treatment systems).
1	10/xx/13	Page 52, changed completion criteria for milestone SRNS2014SRNL-7.03.	<p>Completion Criteria: As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR-OLO and SRNL, reduce deferred maintenance backlog by effective management of Construction Maintenance orders (CMO) and Major Maintenance scopes and effective execution of IGPP projects. Complete candidate IGPP capital projects that support restoration and sustainment of facility infrastructure as defined in the approved FY14 SVS Implementation Plan. Complete Construction Maintenance Orders and major maintenance scopes as defined in the approved FY14 SVS Implementation Plan.</p>
1	10/xx/13	Page 52, changed completion criteria for milestone SRNS2014SRNL-7.04.	<p>Completion Criteria: As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR-OLO and SRNL, effectively manage the implementation of the SRNL Infrastructure Plan to minimize operational cost. Implement the SRNL</p>

			Infrastructure Plan to reduce operational cost by facility and scientific instrument renewal as well as an improved Asset Condition Index as defined in the approved FY14 SVS Implementation Plan.
1	10/xx/13	Page 54, changed allocated fee for LS PBI.	Allocated Fee: \$1,410,000 \$1,510,000
1	10/xx/13	Page 57, changed completion criteria for milestone SRNS2014LS-3.01	Completion Criteria: Provide liaison support for a successful transition of the privatization of Outsource the SRNS ESS Facilities Maintenance and ensure success by providing business and technical leadership.
1	10/xx/13	Page 59, added milestone SRNS2014LS-5.02	Date: 9/30/13 Fee: \$100,000 Completion Criteria: <ul style="list-style-type: none"> Evaluate the Critical Infrastructure Integrated Priority List (CIPL) process and further improve the data content for better use as a tool for funding allocation. Evaluate and report CIPL effectiveness through an analysis of the disposition of CIPL projects from the prior 3 years. Acceptance Criteria: DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system: <ul style="list-style-type: none"> Evaluate CIPL documentation. Review the updated CIPL quarterly or as-needed. Evaluate data improvements. Evaluate CIPL effectiveness report.
1	10/xx/13	Pages 63 and 64, changed Contract Performance Outcome for PBI SRNS2014SUBJ.	Contract Performance Outcome: 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 SRS 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 The Contractor shall plan and safely execute a program that meets all regulatory commitments reflected in the SRS 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 SRS 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.

			Sitewide ES&H Program The Contractor shall conduct a comprehensive ES&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 and the environment in all activities for which it has contractual responsibilities.
1	10/xx/13	Page 67, changed fee statement for PBI SRNS2014SUBJ.	Up to \$2,640,000 \$5,000,000 of the allocated fee will be paid for this Contract Output.
2	12/xx/13	Pages 68 through 76, added the NNSA PEP.	See PEP, beginning on page 68.

1. Purpose

This document serves as the Performance Evaluation Measurement Plan (PEMP) for fiscal year 2014 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 (SRNS) LLC, approved January 10, 2008.

Incentives are developed annually by DOE 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 as Attachment E.

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 Savannah River Site 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, DOE strategic goals and program objectives. Incentives and their associated fee demonstrate direct flow down of DOE 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 contract fee is split between EM and NNSA and the ratio is approximately a 55/45 split, making the EM fee \$25M annually. 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 occur to the PEMP in the last 60 days of the evaluation period, unless with bilateral agreement between the CO and the contractor.

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 SRS 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) [SRS 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 is used to measure site level incentive outcomes and acceptance documentation. A PID includes: A Performance Outcome statement, Contract Output performance statements, metrics, Completion Criteria, and Acceptance (documentation) 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 I.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 Board¹/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 determinations, 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.

¹ Federal Acquisition Regulation (FAR) Subpart 16.401 requires an Award-Fee Board for conducting the award-fee evaluation.

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 reclama, 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.

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 PID. 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

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*.

Attachment A, Integrated Project Team (IPT) Charter

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 SRSO 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.

NAME	FUNCTION	ORGANIZATION
MOODY, Dave	IPT Member [ex officio] DOE Fee Determining Official [FDO]	DOE-SR Site Manager
SMITH, T. Zack	IPT Executive Sponsor/Co-Fee Board Lead	DOE-SR Deputy Manager
HINTZE, Doug	IPT/Co-Fee Board Lead/Performance Incentive Manager	Assistant Manager for Mission Support (AMMS)
MCGUIRE, Pat	IPT/ Performance Incentive Manager	Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)
SPEARS, Terry	IPT /Performance Incentive Manager	Assistant Manager for Waste Disposition Project (AMWDP)
ADAMS, Angelia	IPT/ Performance Incentive Manager	Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)(acting)
HOOKE, Karen	IPT/ Performance Incentive Manager	Director, Office of Laboratory Oversight (OLO)
DEAROLPH, Douglas	IPT/Fee Board Member/Performance Incentive Manager	Manager NNSA SRSO

CLARK, William	IPT/ Performance Incentive Manager	Manager NNSA NA-262
LOVETT, James	IPT Member [ex officio] Fee Board Member	Contracting Officer M&O Contract
DAVIS, Peggy	IPT Member	Vice President SRNS Support Services
TEMPLE, John	IPT Member	Director SRNS Contracts Management
CHRISTIAN, John	DOE IPT Technical Lead	Program Analyst for Mission Planning Division
PENNINGTON, Michele	SRNS IPT Technical Lead	SRNS Contracts Management

Attachment B, Fee Allocation Model

Funding Assumptions for Fee Allocation

Funding for fiscal year 2014 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 is directly funded (direct). Scope cost for support activities funded indirectly by placing a tax on individual funds. See table below for FY14 estimated funding:

Est. Funding	Funding Source:
\$254,992,000	PBS 11C
43,130,000	PBS 12
50,137,000	PBS 13
51,809,000	PBS 30
23,339,000	PBS 20 (EM Safeguards & Security)
\$423,407,000	Total EM Funding
101,528,000	Nuclear Nonproliferation Funding
239,460,000	Defense Programs Funding
12,868,000	NNSA Safeguards & Security
\$777,263,000	Total Projected Funding without Minors and WFO [NOTE: This does not include ESS/Legacy pension support to SRR (PBS 14C)]

The M&O contract identifies \$46,535,000 available fee for the contract period (October 2013 through September 2014). When the fee is subtracted from the Total Projected Funding, the fee base in entire fiscal year 2014 becomes \$730,728,000.

For fiscal year 2014, EM provides 55 percent of the Total Projected Funding, while NNSA provides 45 percent. This percentage is used to allocate the contract fee between EM and NNSA. For fiscal year 2014, EM will manage \$25M of fee applied to incentive work for the evaluation period. NNSA will manage \$21M 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 2014, 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:

PBS	President's Budget	Fee Distribution
PBS 11C	\$254,992,000	\$15,267,000
PBS 12	\$43,130,000	\$2,582,000
PBS 13	\$50,137,000	\$3,002,000
PBS 30	\$51,809,000	\$3,102,000
PBS 20	\$23,339,000	\$1,397,000
EM Funding / Fee	\$423,407,000	\$25,350,000

The following is the DOE-SR EM suggested incentives summary by program for the fiscal year 2014 performance period:

Program	Objective	Subjective	Total
Nuclear Material Stabilization (AMNMSP)	\$8,800,000		\$8,800,000
Environmental Stewardship (AMIES)	\$3,490,000		\$3,490,000
Waste Disposition (AMWPD)	\$1,800,000		\$1,800,000
Landlord Services (Includes: SRNL, Planning, Infrastructure, Landlord Services, Safety, Safeguards & Security, ESSH)	\$6,260,000	\$5,000,000	\$11,260,000
Total	\$20,350,000	\$5,000,000	\$25,350,000

Attachment C, EM Performance Incentive Documents for fiscal year 2014



Performance Incentive Document

PID Number:	SRNS2014EMO	
Activity Name:	Environmental Management Operations	
WBS Number:	1.29.20.04, 1.29.20.05	
Performance Period:	October 1, 2013 - September 30, 2014	
Allocated Fee:	\$8,800,000	
Revision Number:	1	
Senior level manager/Performance Incentive Manager:	Pat McGuire Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)	
Senior technical advisor:	Allen Gunter	
Contract Performance Outcome:		
<p>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.</p>		
<u>Contract Output SRNS2014EMO-01:</u>		
Receive, characterize, and disposition materials in H-Area.		
<u>Description/Background/Justification:</u>		
<p>Activities associated with the contract outputs support receipt and disposition of vulnerable used nuclear fuels (UNF), FRR/DRR (when authorized), and down-blending of oxides for shipment to WIPP to support DOE Strategic Objectives. These objectives include:</p>		

maximizing risk reduction of surplus nuclear materials, supporting nuclear nonproliferation, and utilizing SRS facilities to disposition surplus nuclear materials.

Up to \$3,900,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.01	9/30/14	\$200,000	Ship one LEU trailer to Areva for TVA contract.
Acceptance Criteria			
DOE-SR will validate the LEU shipment via the MC&A Form 741 transfer documentation for the one LEU shipment. GFSI: Vendor must be ready to receive trailers by 7/1/14.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.02	6/30/14 9/30/14	a.\$300,000 b.\$200,000	a. Complete SRE charging and dissolution. b. Transfer SRE to a sludge batch.
Acceptance Criteria			
DOE-SR will review H Canyon procedures or engineering memo documenting completion of charging, dissolution and sludge batch transfer. GFSI: SRR provides window by 7/1/14.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.03	9/30/14	\$500,000; \$125,000 fee paid each quarter.	Charge two bundles of UNF or Pu to the H Canyon dissolver or probe the dissolver twice per shift crew per quarter to maintain proficiency.
Acceptance Criteria			
DOE-SR will review H Canyon dissolver probing procedure 221-H-1987 or actual dissolver charging procedure to ensure a minimum of two actual UNF or Pu bundles or two dissolver probings were completed for each shift each quarter.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.04	9/30/14	\$500,000; \$125,000 fee paid each quarter.	Perform 1 st or 2 nd Canyon Cold Run or actual hot ops to address equipment operability and maintain operator proficiency. (Due to Liquid Waste Min., only two 1 st Cycle and two 2 nd Cycle Cold Runs per year.
Acceptance Criteria			
DOE-SR will review the completed quarterly Cold Run Operations start-up and shut-down procedures and summary data sheets for the one cold run performed for that quarter.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.05	9/30/14	\$100,000	Prepare and issue a revised H Canyon Resumption Plan each quarter.
Acceptance Criteria			
DOE-SR will review the SRNS issued quarterly H Canyon Resumption Plan to ensure appropriate elements.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014	9/30/14	\$500,000	Dissolve one batch of Pu (approximately 20 kgs).

EMO-1.06			
Acceptance Criteria			
DOE-SR will review dissolving procedures or MC&A signed data sheet.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.07	3/31/14 (a and b)	a.\$150,000	a. Implement Waste Min. action to revise the sump flush program to track transfers.
		b.\$150,000	b. Implement Waste Min. action to recycle HB-Line column waste for use in 6.4D.
	9/30/14 (c and d)	c.\$150,000	c. Implement Waste Min. action to improve neutralization formula for WAC implementation.
		d.\$150,000	d. Implement Waste Min. action to refine LAW operation and acid stripping process.
Acceptance Criteria			
DOE-SR will review the implemented Liquid Waste Minimization actions by procedure or document review.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.08	9/30/14	a.\$500,000	a. Complete HFIR planning preps with the exception of the H Canyon NCSE/DSA revision, flowsheet, hydrogen generation study, dissolver insert and storage rack design, fabrication, and installation that may not be completed if funding/staffing is limited.
	6/30/14	b.\$100,000	b. Perform evaluation of attractiveness level "C" UNF material for H-Canyon dissolution.
Acceptance Criteria			
DOE-SR will review the completed HFIR planning preps and the completed evaluation of attractiveness level "C" UNF material.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.09	9/30/14	\$250,000	Complete Canadian Liquid unloading and piping Design.
Acceptance Criteria			
DOE-SR will review Canadian HEU Liquid unloading and piping design documents.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.10	3/31/14	\$150,000	Implement all actions needed to resume WIPP blending.
Acceptance Criteria			
DOE-SR will review procedures and documents to verify ready to resume WIPP blending.			
<u>Contract Output SRNS2014EMO-02:</u>			

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 will continue with construction of Final Storage Vault.			
Up to \$2,000,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.01	9/30/14	\$500,000; \$125,000 paid quarterly.	Prepare, receive, and store containers of surplus plutonium and uranium from LANL in K Area in accordance with the schedule maintained by DOE-SR.
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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.02	9/30/14	\$225,000; \$25,000 per can, invoiced quarterly.	Complete 9 Destructive Evaluation (DE) Surveillances on DOE-STD-3013 Storage Containers.
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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.03	6/30/14	\$100,000	K Area will submit to DOE the SRNS approved DSA/TSR supporting Final Storage Vault (FSV).
Acceptance Criteria			
DOE-SR will review the SRNS approved DSA/TSR supporting FSV.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.04	8/31/14	\$250,000	Complete Final Storage Vault (FSV) project construction.
Acceptance Criteria			
DOE-SR will review the completed FSV construction project documents.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.05	3/31/14	\$500,000	Complete Readiness Assessment on DSA Rev. 10/TSR Rev. 41 to expand K Area capabilities.
Acceptance Criteria			
DOE-SR will observe RA activities as desired and review the RA declaration of readiness.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.06	9/30/14	\$200,000; \$10,000 per can.	K Area will perform Pu measurements on 20 different cans.
Acceptance Criteria			
DOE-SR will review the non-destructive analysis measurement form.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.07	9/30/14	\$125,000	Support IAEA Inventory Inspections.
Acceptance Criteria			
DOE-SR will validate that KAC personnel provided adequate preparation and support during the IAEA Inventory inspections.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.08	9/30/14	\$100,000	Replace the Final Storage Vault roof at either the +34 or the +48 level depending on roofer's evaluation.
Acceptance Criteria			
DOE-SR will review the roofing subcontractors completion document or the 8Q-51 safety walkdown (OSR 20-22) completed by SRNS.			
<u>Contract Output SRNS2014EMO-03:</u>			
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.			
Up to \$1,000,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.01	3/30/14	\$100,000	Revise F-Canyon Complex Surveillance and Maintenance (S&M) Plan to allow transition to reduced S&M.
Acceptance Criteria			

DOE-SR will review the revised SRNS approved F-Canyon Complex S&M Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.02	6/30/14	a. \$50,000	a. Determine feasibility to reduce to a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel.
	9/30/14	b. \$50,000	b. If the feasibility study supports reducing to a single exhaust as well as a single generator, and DNFSB supports this concept, issue design to support a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel.
Acceptance Criteria			
DOE-SR will review the SRNS approved feasibility study for a single 292-F exhaust fan supported by a single 254-13F "SS" diesel generator and the design to support the implementation.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.03	9/30/14	\$50,000	Determine the feasibility of stopping water intrusion to 221-F RR Tunnel and 800 Underground Cell.
Acceptance Criteria			
DOE-SR will review the SRNS approved water intrusion feasibility.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.04			Deleted in Rev 1.
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.05	9/30/14	\$650,000; paid at completion of each action item as noted.	SRNS will complete the following 235-F Risk Reduction Actions and provide to DOE approximately 30 days before the DOE IP commitment date as noted in the "Date" column: a. Deliver the Graded EP Drill Report (Action 3-4). (\$50,000) b. Complete a Readiness Assessment for the Deactivation BIO and submit RA Report (Action 1-4). (\$100,000) c. Complete removal, isolation, or encapsulation of Fixed Combustibles and provide a final report to DOE (Action 2a-3). (\$150,000) d. Complete Electrical De-energization scope and provide a final report to DOE (Action 2b-2). (\$150,000) e. Complete installation and acceptance of the FDAS and provide a final report to DOE (Action 2c-3). (\$150,000) f. Complete planned cell infrastructure tasks and

			report completion (Action 1-3). (\$50,000)
Acceptance Criteria			
DOE-SR will review the SRNS approved and completed 235-F IP actions.			
<u>Contract Output SRNS2014EMO-04:</u>			
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 Augmenting Monitoring and Condition support to maintain the facilities in a safe and operable condition.			
Up to \$2,000,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014 EMO-4.01	9/30/14	\$500,000; \$125,000 paid quarterly	Receive and unload FRR/DRR fuel per schedule.
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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014 EMO-4.02	9/30/14	\$500,000	Complete UNF Preps for HFIR readiness with the exception of the L-Area DSA, OSA-7 and the new cask insert (if required) which are dependent on funding and staffing.
Acceptance Criteria			
DOE-SR will review the HFIR planning preps were completed with the exception of the L-Area DSA, OSA-7 and new cask insert (if required).			
Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014 EMO-4.03	6/30/14	\$500,000	Complete the removal of "cob webs" from the basin.
Acceptance Criteria			
DOE-SR will observe the basin vacuuming activities or observe the basin following the completion of corrective actions to remove the "cob webs".			
Number	Date	Fee	Contract Output Completion Criteria:
SRSN2014	9/30/14	\$500,000	Complete NRU/NRX interim schedule milestone.

EMO-4.04			
Acceptance Criteria			
DOE-SR will validate that the NRU/NRX interim milestone was completed on schedule.			



Performance Incentive Document

PID Number:	SRNS2014SW	
Activity Name:	Solid Waste	
WBS Number:	1.29.32.25	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$1,800,000	
Revision Number:	0	
Senior level manager/Performance Incentive Manager:	Terry Spears Assistant Manager for Waste Disposition Project (AMWDP)	
Senior level supervisor/division manager:	Jim Folk	
<p>Contract Performance Outcome:</p> <p>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.</p> <p>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.</p>		
<p><u>Contract Output: SRNS2014SW-01</u></p> <p>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 disposal of legacy TRU waste.</p>		

Description/Background/Justification:			
<p>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 SRS waste management. DOE Order 435.1 drives the timely disposal of wastes generated at DOE sites. The ARRA program remediated and repackaged legacy TRU wastes into WIPP compliant packaging. This waste has been WIPP certified or was identified as LLW and is awaiting disposal. Disposal of the legacy TRU is also a high priority for the State of South Carolina.</p> <p>Up to \$1,800,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.01	9/30/14	\$800,000; \$200,000 per quarter	LLW will be disposed in a timely manner such that in-storage time will be < 3 months in duration. Exceptions may be approved by DOE upon request.
Acceptance Criteria			
DOE will perform validation by reviewing, on a quarterly basis, the time in storage for the LLW not permanently disposed.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.02	6/30/14	\$400,000	TRU – Complete disposal of all legacy TRU packaged in SLB2s via TRUPACT-III shipments. Assumptions for this incentive include: 4 shipments per week; 6 week WIPP shipping outage and various non-shipping holidays during the period of performance.
Acceptance Criteria			
DOE will perform validation by reviewing the remaining legacy TRU inventory and assuring that all of the SLB2s have been disposed.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.03	9/30/14	\$500,000	Complete disposal of all legacy, contact handled, TRU waste at the WIPP Site. This includes all LLW and MLLW re-characterized from the TRU legacy program. This incentive assumes that DOE-CBFO will continue to fund characterization and shipping and provide adequate shipments. SRNS will work a 40 hour work week. Containers WMPSLB022C, WMPSLB018B, SR21524413, and SR21524414 are excluded.
Acceptance Criteria			
DOE will perform validation by reviewing Waste Inventory Tracking System (WITS) reports and documented legacy waste identified in the "Original Volume Tracking" Excel spreadsheet.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.04	9/30/14	\$100,000	A closure plan for TRU Pad 16 and modifications to the TRU Pad Volume of the Site RCRA Permit will be submitted to DOE-SR in support of submittal to SC-DHEC. The modifications will include reduction of prescriptive wording (e.g. requirement to be radiologically non-contaminated) and provide a sound technical rational for both the modifications and the closure plan.
Acceptance Criteria			
DOE will perform validation by accepting the closure plan and proposed permit modification.			



Performance Incentive Document

PID Number:	SRNS2014ACP	
Activity Name:	Area Completion Project	
WBS Number:	1.29.32.01, 1.29.32.02, 1.29.32.03, 1.29.32.04, 1.29.32.05, 1.29.32.06	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$3,490,000	
Revision Number:	0	
Senior level manager/Performance Incentive Manager:	Karen Guevara Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)	
Senior level supervisor/division manager:	Angelia Adams	
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.		
<u>Contract Output SRNS2014ACP-01:</u>		
Meet all FFA Milestones, RCRA Permit and CERCLA Record of Decision (ROD/Interim ROD) commitments due between October 1, 2013, and September 30, 2014, as described in the Federal Facility Agreement for the Savannah River Site (Administrative Document # 89-05-FF) and the SRS 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 SRS to meet regulatory requirements that will meet the Area Completion Strategy to clean up the SRS and reduce the Site 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 SRS. The regulatory and stakeholder support of the SRS depends on continued full regulatory compliance and achievement of commitments and milestones.		

Up to \$2,500,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-1.01	3/31/14	\$1,250,000	All RCRA Permit commitments and FFA milestones are achieved from October 1, 2013, through March 31, 2014.
Acceptance Criteria			
All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates. Documentation is provided demonstrating that milestone/submittal dates 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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-1.02	9/30/14	\$1,250,000	All RCRA Permit commitments and FFA milestones are achieved from April 1, 2014, through September 30, 2014.
Acceptance Criteria			
All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates. Documentation is provided demonstrating that milestone/submittal dates 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.			
<u>Contract Output: SRNS2014ACP-02:</u>			
Evaluate additional EC & ACP groundwater sampling and reporting activities to identify opportunities to reduce costs within PBS-30 and ESS.			
Description/Background/Justification:			
<p>In FY 2012, DOE-SR incentivized the development of a comprehensive Groundwater Monitoring and Reporting Optimization Plan and Report (SRNS2012ACP-02) that identified opportunities for optimization of monitoring networks and reductions in the long-term costs of groundwater monitoring at units where mature and established groundwater programs were underway. In 2013, DOE incentivized SRNS to negotiate and implement optimization activities consistent with the plan (SRNS2013 ES-12.01 and 12.02).</p> <p>This Phase II proposal is to develop a similar Groundwater Monitoring and Report Optimization Plan that will focus on the remaining groundwater units that were not included in Phase 1 because they did not have a mature established monitoring program under RCRA/CERCLA or because they are associated with regulatory programs other than RCRA and CERCLA, such as Underground Storage Tanks, Landfills and the Clean Water Act.</p>			

Up to \$500,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-2.01	2/28/14	\$250,000	Prepare and provide to DOE ACP a Groundwater Optimization Plan by 2/28/14.
Acceptance Criteria			
SRNS –EC & ACP will provide a Phase II Groundwater Monitoring and Reporting Optimization Plan that will provide for identification and documentation of opportunities for groundwater optimization of monitoring networks/reporting and reductions in the long-term costs of groundwater monitoring for groundwater units, that was not included in the Phase I Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-2.02	9/30/14	\$250,000	Prepare and provide to DOE ACP a report documenting the groundwater monitoring and reporting optimization opportunities.
Acceptance Criteria			
SRNS will provide a report outlining the results of the groundwater monitoring evaluation to DOE and DOE will approve. DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.			
<u>Contract Output SRNS2014ACP-03 (Deferred from FY 13):</u>			
Automate environmental field and analytical data to automatically generate routine reports and improve reporting capability. Program and deploy electronic field devices to replace the use of paper logbooks to improve quality of field data collection. Program data collection system to automatically generate routine reports to improve speed and overall accuracy of data reporting.			
Description/Background/Justification:			
DOE SR is obligated to collect, manage, maintain and report environmental data to meet requirements of DOE Orders and environmental regulations and statutes, including DOE Order 458.1, Radiation Protection of the Public and Environment and RCRA, CAA, CWA, and CERCLA.			
The Environmental Restoration Data Management System (ERDMS) is used to manage environmental monitoring data. This system requires extensive manual data review and tracking of data generating reports of varying quality. Also, field monitoring results are collected in paper logbooks and collection accuracy is highly dependent on minimizing human error. Routine reports are generated with a high level of human involvement.			

Up to \$390,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-3.01	7/31/14	\$150,000	Program and deploy handheld devices to transfer monitoring data directly into ERDMS.
Acceptance Criteria			
<p>EC & ACP will demonstrate and will document the use and effectiveness of electronic handheld devices to collect field information and data transfer into ERDMS vs. the use of paper field logbooks for effluent monitoring and environmental surveillance programs.</p> <p>EC & ACP will provide documentation to demonstrate compliance with site requirements including QA, software, and information control.</p> <p>EC & ACP will provide documentation of benefits and provide estimate of cost, time or resource savings.</p> <p>DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-3.02	9/30/14	\$240,000	Modify ERDMS to automatically generate routine monitoring reports.
Acceptance Criteria			
<p>EC & ACP will demonstrate and document the development and implementation of program to generate automated environmental reports, such as the Monthly Discharge Monitoring Reports, the Monthly Radiological Releases Reports, the Wildlife Hunt Reports, and the Weekly and the Quarterly Tritium Reports by reviewing the reports for completeness, accuracy and compliance with reporting deadlines.</p> <p>EC & ACP will provide documentation to demonstrate compliance with site requirements including QA, software, and information control.</p> <p>EC & ACP will provide documentation of benefits and provide estimate of cost, time or resource savings.</p> <p>DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.</p>			
<u>Contract Output SRNS2014ACP-04:</u>			
Complete characterization of Building 690-N to support future Deactivation and Decommissioning.			
Description/Background/Justification:			

Building 690-N (Ford Building) is a high risk facility with significant radiological and PCB contamination. The facility is deteriorating and requires frequent maintenance to mitigate the spread of existing contamination. A Decommissioning Plan was completed and submitted to DOE in FY 13 (Contract Output SRNS2013ES-16.01) that included recommendations for characterization to quantify the nature and extent of contamination and condition to support future D&D of the facility.

The Ford Building is a steel frame/siding structure constructed in the early 1950s to test motor control packages for the R, P, L, K and C Reactors. In the 1960s, the structure was modified to support the repair and rework of Reactor heat exchangers. Key facilities and/or structures associated with 690-N include:

- 652-44N electrical substation and fuel oil containment dike (provided electricity and fuel oil for heating to the building),
- Deionizer trailer (used to remove radiological contaminants from Reactor disassembly basin water), and
- Transport trailer (utilized to haul heavy loads between Reactor areas and stored adjacent to the 690-N Building).

PCB-contaminated oils were used in milling/lathe operations for heat exchanger repair in 690-N (Ford Building). In 1997, these PCB-contaminated oils were found to have contaminated equipment and the floor in the building. An initial clean-up was performed and the residual contamination was encapsulated with a floor coating in 1998. Inspections conducted since 1998 continue to reveal areas where PCB-contaminated oil has migrated up through the floor coating, necessitating regular maintenance and reapplication of the coating material. The extent of PCB contamination below the 690-N Building is undetermined. The Deionizer trailer is not thoroughly characterized, but is assumed to contain lead and high levels of radiological contamination based on the conditions of trailers used for similar purposes at the SRS.

Up to \$100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-4.01	8/31/2014	\$100,000	Complete characterization of the 690-N Ford Building and its ancillary equipment and facilities (652-44N, Deionizer and Transport Trailers).

Acceptance Criteria

EC & ACP will complete and document characterization completion of Building 690-N and its ancillary equipment and facilities. The result are needed to support future deactivation and decommissioning and removal/remedial action(s)

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.



Performance Incentive Document

PID Number:	SRNS2014SRNL	
Activity Name:	Savannah River National Laboratory (SRNL)	
WBS Number:	Numerous	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$4,750,000	
Revision Number:	1	
Senior level manager/Performance Incentive Manager:	Karen Hooker Director, Office of Laboratory Oversight Pat McGuire Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)	
Senior technical advisor:	Patrick Jackson Jay Ray	
Contract Performance Outcome: SRNL's three-fold mission is to enable the success of SRS 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 nations' premier laboratory in Environmental Management, National & Homeland Security, and Energy Security (Source: SRNS Contract).		
<u>Contract Output: SRNS2014SRNL-01 (Pat McGuire)</u> Deliver Disposition Paths for Nuclear Material.		
Description/Background/Justification: SRS'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

SRS 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 SRS 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

SRS 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

SRS 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.

Up to \$650,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.01	9/30/14	\$225,000	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. a. Complete FY14 data set 2 analyses for # DE packages. b. Complete unloading of Series 3 of shelf life

			studies. c. Complete FY14 annual report on 9975 Life Extension o-ring test fixtures.
Acceptance Criteria			
DOE-SR will perform validation of the following: a. Loading and initial data sheets for Series 3 of shelf life studies. b. FY14 data set 2 analyses for 3013 Program. c. FY14 annual report on 9975 Life Extension o-ring test fixtures.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.02	9/30/14	\$75,000	Provide technical support to Nuclear Materials for the Spent Fuel Program. a. Complete extracted basin core testing and prepare and issue degradation evaluation report. b. Complete revision of corrosion surveillance program plan to include increase in coupon withdraw and analysis schedule; new rack material; and automated characterization and optimized corrosion analysis. c. Complete report for detailed corrosion analysis of the can-specific inventory of fuel/clad sections in oversized canister. Report to include corrosion, thermodynamic and kinetic analysis for fuel clad systems to provide estimate of fuel and internal water activity conditions. d. Complete analysis of handling and transportation challenges from L to H area in damaged and vulnerable fuel (sectioned SS, zircaloy stored in OS canisters) including evaluating particulates and hydrogen generation from radiolysis and corrosion.
Acceptance Criteria			
DOE-SR will perform validation of the following: a. Degradation evaluation report. b. Revision of corrosion surveillance program plan. c. Report on detailed corrosion analysis of the can-specific inventory of fuel/clad sections in oversized canister. d. Analysis of handling and transportation challenges from L to H area in damaged and vulnerable fuel.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.03	9/30/14	\$350,000	Develop and demonstrate flowsheets and equipment for application in H-canyon/HB-Line. Potential scope could include:

			<ul style="list-style-type: none"> a. Fabrication and deployment of crawler to inspect ventilation system. b. Flowsheet development for next set of material to be processed. c. Program to reduce the amount of waste sent to the Tank Farms. d. Provide requested support to H-Canyon for processing used Nuclear Fuel (UNF) such as Hydrogen Generation Studies.
Acceptance Criteria			
DOE-SR will perform validation of the agreed upon items for FY14.			
<p><u>Contract Output SRNS2014SRNL-02 (Karen Hooker):</u></p> <p>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.</p>			
Description/Background/Justification:			
<p>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.</p> <p>At SRS, 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 SRS has made significant progress. Tank Closure Program activities are on schedule to meet or exceed all Federal Facility Agreement commitments.</p> <p>At Hanford, construction is well underway on the Pretreatment and Vitrification facilities. SRNL experience at SRS can be utilized to support flowsheet and other technology development activities.</p> <p>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</p>			

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.

Up to \$1,245,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.01	9/30/14	\$700,000	<p>Execute scope to provide technical bases, characterization results, consultation in support of SRS Tank Waste Projects. These efforts are likely to include support for the following:</p> <ul style="list-style-type: none"> a. DWPF/Saltstone waste form, flowsheet, sludge batch qualification. Qualify next sludge batch including developing processing options and frit formulation - dependent on SRR schedule for canister production. b. Tank Farm sample characterization, corrosion program. Perform sample characterization (dependent on sample needs) and support corrosion control program. c. Tank Closure sample characterization. Characterize any closure samples received to determine residual material left in tanks. d. Salt Processing. Qualify needed salt batches and support deployment of next generation solvent. e. Tank Closure/Saltstone Waste Disposition. Support SRR PA work through modeling and experimental scope - dependent on facility needs.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.02	9/30/14	\$470,000	<p>To maintain and enhance SRNL as a pre-eminent center for research, development, and deployment of technologies to cleanup the environmental legacy of the Nation's nuclear programs, SRNL will lead and execute scope for Hanford by providing technical bases and consultation. Scope</p>

			<p>to include:</p> <ul style="list-style-type: none"> a. Develop program execution plans for Grand Challenge efforts in support of high level waste processing at the Hanford site. Complete first phase of experimentation as part of these programs. Participate on the Hanford Tank Waste Disposition Integrated Flowsheet development team. Perform flowsheet evaluations and provide definition of key interfaces and waste acceptance criteria. b. Perform work for Hanford Contractors including WRPS and WTP. <ul style="list-style-type: none"> - Complete full scale mixer testing in support of Caststone work - Complete experimentation on Tc removal options selected during downselection - Develop conceptual design and fabricate test equipment in support of the waste qualification effort c. Continue leadership of the National Laboratory Technical Authority Team in support of the WTP Full Scale Vessel Qualification Testing Program. <ul style="list-style-type: none"> - Define and qualify the instrumentation to be used during the full scale demonstration effort. Develop the simulant to be used during this instrument qualification and the first phase of testing
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Acceptance Criteria

DOE-SR will perform validation of the programs discussed above.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.03	9/30/14	\$75,000	<p>Provide technology development for EM-20. This is important to establishing SRNL as the EM National Laboratory. These efforts include:</p> <ul style="list-style-type: none"> a. Develop and issue the next generation performance models and complete oxidation front experimentation studies in support of the Cementitious Barriers Partnership. b. Issue technical report/journal article on the next phase of long term glass corrosion modeling work.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Contract Output SRNS2014SRNL-03 (Karen Hooker):

Develop and deploy Next Generation Cleanup Technologies.

Description/Background/Justification:

The environmental cleanup of SRS 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.

SRS 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. SRS plans to make these new technologies available across the country and internationally to assist others in their own cleanup efforts. SRS 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.

Up to \$470,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.01	9/30/14	\$50,000	Provide technical support for SRNS Environmental Compliance & 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: MAPSL SVE Investigation for Vadose Zone CAP, MetLab BaroBall Wells Investigation for Vadose Zone CAP, Southern Sector Aerobic Stimulation Bench Test, Sampling and Analysis Supporting TNX Edible Oil Treatability Study, PAGW OU Characterization, and Timely GC Analysis of Soil Gas, Soil, and Groundwater Samples from EC & ACP.

Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.02	9/30/14	\$160,000	<p>Provide technical support for SRNS Solid Waste Management. SRNL plans to:</p> <ul style="list-style-type: none"> a. Develop and submit to DOE the FY 2014 Performance Assessment Maintenance Plan. b. Develop and submit to DOE the FY 2014 Composite Analysis Maintenance Plan. c. Develop and submit to DOE the FY 2013 PA Annual Review report. d. Develop and submit to DOE the FY 2013 CA Annual Review report. e. Develop and submit to SWM the UDQE to assess new modeling information. f. Complete and issue TBD reports.
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.03	9/30/14	\$100,000	<p>Provide technical development for EM-10 on Environmental Compliance (EM-11), Soil & Groundwater Remediation (EM-12), D&D and Facility Engineering (EM-13).</p> <ul style="list-style-type: none"> a. Provide LFRG technical support activities and technical support for the DOE Order 435.1 update. b. Applied Field Research Initiative (AFRI) technology development and ASCEM User Interface, Tank Demonstration, and testing at F-Area. c. In Situ Decommissioning (ISD) Sensor Network Test Bed and further ISD developments.
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.04	9/30/14	\$100,000	<p>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</p>

			<p>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 the following:</p> <ol style="list-style-type: none"> Lead development and negotiations of new business contract(s) with Tokyo Electric Power Company (TEPCO) in Japan. Execute PNNL partnership to support technical scope of contract with TEPCO. 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.). Deliver emergent support to Fukushima cleanup based on EM laboratory leadership, capabilities and expertise.
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Acceptance Criteria

DOE-SR will perform validation of the following:

- Negotiated contract(s) with TEPCO.
- PNNL partnership performance.
- SRNL participation or leadership in governmental agency support to Fukushima remediation.
- Validate laboratory support to emergent Fukushima cleanup issues. Validation will include pass/fail consideration for the above listed components.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.05	9/30/14	\$60,000	Relocate the Packaging Certification Program (PCP) Docket files from Germantown, Maryland to Savannah River National Laboratory. Transition the EM-33 PCP Docket Manager from Eagle Research to SRNL.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Contract Output SRNS2014SRNL-04 (Karen Hooker):

Develop Solutions to Close and Better Secure the Nuclear Fuel Cycle.

Description/Background/Justification:

SRNL helps develop the nations' 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.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-4.01	9/30/14	\$300,000	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 SRS. As part of this mission, SRNL will develop and lead the nations used (spent) nuclear fuel cycle initiatives through participation in the DOE Fuel Cycle Research and Development (FCR&D) Program. Perform DOE-NE FCR&D program funded work activities as specified in the Program Information Collection System NE (PICSNE) defined in terms of cost, schedule and technical performance. Complete all required Level 2 and Level 3 milestones (number TBD) for the Used Fuel Disposition Campaign, Separations and Waste Forms Campaign, and Fuel Cycle Options Campaign.

Acceptance Criteria

DOE-SR will perform validation of the following: completed reports, presentations, and publications identified in the funded DOE-NE FCR&D scope.

Contract Output SRNS2014SRNL-05 (Karen Hooker):

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.

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 SRS 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 SRS strategic initiative and goal for EM sites.

Up to \$325,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-5.01	9/30/14	\$325,000	<p>The vision for SRNL is to be the nation's premier applied science laboratory in Environmental Management, National and Homeland Security, and Energy Security. As part of the efforts in Energy Security the following Clean Energy Projects will be completed :</p> <ul style="list-style-type: none"> a. Hydrogen Storage Engineering Center of Excellence-Technical Work Scope: Complete design and begin assembly of a two liter prototype cryo-adsorbent hydrogen storage prototype. b. Basic Science: Have accepted for publication in the area of energy storage and conversion three technical articles in peer reviewed journals with impact factors = >3. c. Methane opportunities for Vehicular Energy - Complete a test station for evaluation of a two liter prototype methane adsorption system meeting the DoE technical targets. d. SunShot "Low-Cost Metal Hydride Thermal Energy Storage System for Concentrating Solar Power Systems" - Complete FY14 milestone: Complete system model and evaluate at least one metal hydride material pair capable of meeting DOE SunShot thermal energy storage targets as defined in Statement of Project Objectives. e. SunShot High Temperature Corrosion Analysis of Molten Salt Systems for CSP Applications. Commission high temperature thermal gradient and fluid flow corrosion apparatus system for molten salt systems as outlined in Statement of Project Objectives (SOP).
Acceptance Criteria			

DOE-SR will perform validation of the following:

- a. EERE program management acknowledgement of requirements delivered as specified.
- b. Copies of acceptance letters and 2013 journal impact factors.
- c. Completed test station and approved HAP.
- d. Draft annual report for SRNL Year 2 experimental testing work to EERE SunShot review by 9/30/14.
- e. Draft annual report for SRNL Year 2 experimental testing work to EERE SunShot review by 9/30/14.

Contract Output SRNS2014SRNL-06 (Karen Hooker):

Expand the SRNL presence 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 United States Intelligence Community (USIC). 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.

Up to \$200,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-6.01	9/30/14	\$200,000	The vision for SRNL is to be the nation's premier applied science laboratory in Environmental

			<p>Management, National Security, and Energy Security. As part of the work on National Security, SRNL will provide technical support for DOE-IN as follows :</p> <ul style="list-style-type: none"> a. Deliver to US Policy Makers technical reports and assessments of foreign nuclear weapons programs that have been reviewed and published by DOE-IN. b. Update 100% of the Nuclear Materials Information Program (NMIP) assessments for which SRNL is responsible. c. Promote Counter Intelligence (CI) site-wide by conducting awareness briefings and training for all on-site contractors.
<p>Acceptance Criteria</p> <p>DOE-SR will perform validation of the following:</p> <ul style="list-style-type: none"> 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. CI awareness briefings and training are completed for all on-site contractors. 			
<p><u>Contract Output SRNS2014SRNL-07 (Karen Hooker):</u></p> <p>SRNL Infrastructure Sustainment.</p>			
<p>Description/Background/Justification:</p> <p>SRNL offers a unique combination of capabilities, equipment, and infrastructure that are not available anywhere else in the United States. 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 SRS vision targets SRNL to be the central hub as SRS expands its business segments to address DOE needs that capitalize on historic SRS competencies and capabilities. SRNL will actively seek ways to revitalize and present these assets for more wide-spread beneficial use.</p> <p>Up to \$1,485,000 of the allocated fee will be paid for this Contract Output.</p>			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.01	9/30/14	\$300,000	SRNL will implement High Priority Safety Basis scope and nuclear infrastructure improvements as defined in the approved FY14 SVS Implementation Plan as developed between DOE-SR OLO and SRNL. This Implementation Plan will be updated as needed and on an annual basis to: a. Meet selected project milestones for identified High Priority DNFSB Scopes. b. Complete Safety Basis scope improvements.
Acceptance Criteria			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.02	9/30/14	\$390,000	As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, complete A Block window replacements with no adverse impact to EM Liquid Waste mission work.
Acceptance Criteria:			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.03	9/30/14	\$695,000	Complete candidate IGPP capital projects that support restoration and sustainment of facility infrastructure as defined in the approved FY14 SVS Implementation Plan. Complete Construction Maintenance Orders and major maintenance scopes as defined in the approved FY14 SVS Implementation Plan.
Acceptance Criteria:			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.04	9/30/14	\$100,000	Implement the SRNL Infrastructure Plan to reduce operational cost by facility and scientific instrument renewal as well as an improved Asset Condition Index as defined in the approved FY14 SVS Implementation Plan.
Acceptance Criteria			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Contract Output SRNS2014SRNL-8 (Karen Hooker):			

Conduct effective laboratory management.			
Description/Background/Justification:			
<p>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.</p> <p>Up to \$75,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-8.01	9/30/14	\$75,000, paid upon completion of items a-b	<p>a. Provide a framework that allows for documentation of laboratory management for 1) Effective use of partnerships (internal, academic, community, government agencies, etc.), 2) Maintenance of core competencies and retention of employees, 3) Improvement in internal business processes and goals, 4) Business unit strategies, and 5) Effective use of recommendations from external reviews.</p> <p>b. Proceed with implementation of the University Relations Program Plan developed in FY13.</p>
Acceptance Criteria			
<p>DOE-SR will perform validation of the following:</p> <p>a. Documentation of the improved institutional management of SRNL.</p> <p>b. Implementation Status Report for the FY13 University Relations Plan.</p>			



Performance Incentive Document

PID Number:	SRNS2014LS		
Activity Name:	EM Landlord Services		
WBS Number:	Various / Indirect		
Performance Period:	October 1, 2013 – September 30, 2014		
Allocated Fee:	\$1,510,000		
Revision Number:	1		
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 Nick Delaplane		
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. This section includes Site Services and Business Services.			
<u>Contract Output SRNS2014LS-01:</u>			
The Contractor shall meet all SRNS agreed upon scheduled milestones to plan & execute development of SRS Sustainability initiatives and High Performance Sustainable Buildings (HPSB) program objectives to meet scheduled site sustainability goals.			
Description/Background/Justification:			
DOE has approved a Complex-wide Strategic Sustainability Performance Plan. This plan addresses such topics as greenhouse gas emission reductions, High Performance Sustainable Buildings (HPSB), water use, and pollution prevention/waste elimination. DOE sites have been tasked to make progress toward goals established for 2015 and 2020. The benchmark for the HPSB 15% reduction is defined in Executive Order (E.O.) 13514 section 2(g).			
Up to \$100,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:

SRNS2014 LS-1.01	12/31/13 1/31/14 9/30/14	\$100,000 – fee is earned by meeting all milestones.	<p>a. Develop the FY14 Site Sustainability Plan for the Savannah River Site in accordance with the DOE-HQ annual guidance document by 12/31/13.</p> <p>b. Prepare the SRS Consolidated Energy Data Report (CEDR) in accordance with annual DOE-HQ guidance documentation by 1/31/14.</p> <p>c. Continue development of High Performance Sustainable Buildings (HPSB) Program objectives by completing the following activities:</p> <ul style="list-style-type: none"> • Conduct lighting-specific walkdowns of facilities, to determine how to comply with the automated lighting controls objective associated required by the HPSB Guiding Principles and develop layouts summarizing how compliance will be achieved. Determine FY15 funding requirement to complete objective. • Complete metering objective by installation of meter and establishing monthly meter readings for all facilities in HPSB scope. • Update EPA Portfolio Manager database as needed to show status of HPSB objectives for all buildings
Acceptance Criteria			
<p>DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:</p> <ol style="list-style-type: none"> Evaluate the FY14 SRS Annual Sustainability Plan and transmit the Plan to DOE-HQ for use in the DOE agency-wide Strategic Sustainability Performance Plan. Evaluate the FY14 SRS Consolidated Energy Data Report and transmit the Report to DOE-HQ for use in DOE agency-wide data collection. Evaluate documentation associated with the High Performance Sustainable Buildings Program including review of layouts that summarize compliance to program objectives and FY15 funding requirements. 			
<u>Contract Output SRNS2014LS-02:</u>			
The Contractor shall develop and implement cost efficient approaches to reduce government			

liability.			
Description/Background/Justification:			
<p>Initiatives are needed to address site energy costs and infrastructure support of current and future missions. Site Services will also evaluate organizational practices to identify efficiency gains and cost improvements and achieve government liability reduction where appropriate.</p> <p>Up to \$300,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-2.01	5/31/14	\$150,000	<p>Partnering with DOE in the negotiation of a new five-year contract with South Carolina Electric & Gas Company, including the following:</p> <ul style="list-style-type: none"> • Participate with DOE in the contract development process and negotiation of terms and costs. • Provide financial analysis through evaluation of life cycle cost options for the contract.
Acceptance Criteria			
<p>DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:</p> <ul style="list-style-type: none"> • Review SRNS Contract-involvement summary report • Evaluate the effectiveness of SRNS involvement and recommendations concerning the development of the new contract and rate structure. 			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-2.02	9/30/14	\$150,000	<p>Develop an Infrastructure Alignment Plan/Study that outlines infrastructure right sizing recommendations, including footprint reduction that will coincide with current and future missions, SRNS baseline operations and funding profile (e.g. facilities, roads, infrastructure systems, etc.) Implement infrastructure right-sizing recommendations as approved by DOE and as funding is available.</p>
Acceptance Criteria			
<p>DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:</p> <ul style="list-style-type: none"> • Perform walkdown of the targeted systems/processes for the scope. • Evaluate effectiveness of recommendations. • Validate evidence of implementation. 			

Contract Output SRNS2014LS-03:

The Contractor shall meet all SRNS agreed upon scheduled milestones to actively seek cost effective opportunities to reduce government liability and benefit the community through the DOE Asset Revitalization Initiatives and Programs.

Description/Background/Justification:

The identification, leveraging, revitalization, and disposition of site assets reduce EM liability, minimize lifecycle cost, and achieve Footprint reduction. Wherever it is cost effective, utilize the SRS Community Reuse Organization to provide additional opportunities to benefit the surrounding community. Site Services will continue to evaluate consolidation of facilities, services and functions for cost improvements.

Up to \$110,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-3.01	9/30/14	\$110,000	Outsource the SRNS ESS Facilities Maintenance and ensure success by providing business and technical leadership.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate documentation defining transition process.
- Review and evaluate effectiveness of the transition support.

Contract Output SRNS2014LS-04:

The Contractor shall meet all SRNS agreed upon scheduled milestones to cost effectively maintain SRS plant systems, components, structures, and also improve maintenance processes to meet site missions and positively address deferred maintenance issues.

Description/Background/Justification:

Procedure Manual 1Y, *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 requirements ensure a safe and cost effective maintenance program at SRS.

Up to \$200,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014	9/30/14	\$100,000	Continue the implementation of the Maintenance

LS-4.01			Paperless Work Package. Achieve 10% more EM paperless work packages completed in FY14 compared to the average of last four months in FY13 as baseline.
Acceptance Criteria			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system: <ul style="list-style-type: none"> • Randomly sample electronic work packages. • Evaluate trending results for EM facilities. • Evaluate Time & Cost savings documentation. 			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-4.02	9/30/14	\$100,000	Continue the implementation of the Preventive Maintenance (PM) optimization process. <ul style="list-style-type: none"> • Evaluate and incorporate Predictive Maintenance (PdM) in the process. • Demonstrate savings in overall efficiency gain.
Acceptance Criteria			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system: <ul style="list-style-type: none"> • Verify the PM baseline. • Evaluate effectiveness of the optimization process. 			
<u>Contract Output SRNS2014LS-05:</u>			
The Contractor shall sustain and/or modernize site facilities/infrastructure, provide quality Shops services to achieve mission goals/milestones and ensure a safe and secure workplace for all SRS personnel.			
Description/Background/Justification:			
The SRS infrastructure is approaching 60 years old. Over the past 10 years, funding for infrastructure repairs/replacement declined considerably due to budget challenges. The Critical Infrastructure Integrated Priority List (CI IPL) was implemented to identify the most critical projects for SRS. The Contractor will execute funded projects and provide quality Shops services to ensure a safe and secure workplace for all SRS personnel.			
Up to \$400,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-5.01	9/30/14	\$300,000	Execute Infrastructure modernization/ improvement Utility system projects, sustaining activities and

			liability reduction work scope (e.g. water systems, electrical distribution system, etc.).
Acceptance Criteria			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:			
<ul style="list-style-type: none"> Evaluate Summary Report and perform field walkdown of completed activities consistent with infrastructure IPL. Review Final Acceptance Inspection (FAI) documents or Work Packages of completed work scope. Before and after photographs of completed modernization work scope as feasible. 			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-5.02	9/30/14	\$100,000	<ul style="list-style-type: none"> Evaluate the Critical Infrastructure Integrated Priority List (CIIP) process and further improve the data content for better use as a tool for funding allocation. Evaluate and report CIIP effectiveness through an analysis of the disposition of CIIP projects from the prior 3 years.
Acceptance Criteria			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:			
<ul style="list-style-type: none"> Evaluate CIIP documentation. Review the updated CIIP quarterly or as-needed. Evaluate data improvements. Evaluate CIIP effectiveness report. 			
<u>Contract Output SRNS2014LS-06:</u>			
<u>Real Property Asset Management</u>			
The Contractor shall meet all SRNS agreed upon scheduled milestones by leveraging the Real Property Asset Management Program and Facility Information Management System (FIMS) data to effectively manage SRS infrastructure needs.			
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 FY14. In addition, improvements to the accuracy of the SRS Actual Maintenance Cost Reporting Data will continue to be implemented for the HQ FIMS.			
Up to \$200,000 of the allocated fee will be paid for this Contract Output.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-6.01	9/30/14	\$200,000.00	<p>a. Evaluate and begin implementation of the Corrective Action Plan to more accurately capture SRS Actual Maintenance Cost Reporting. Subsequently, provide data input to support Site Planning integration.</p> <p>b. Demonstrate cost reduction and/or cost avoidance by:</p> <ul style="list-style-type: none"> • Integrating impacts of ARRA project completion, site housing consolidation planning, workforce restructuring, site mission changes and lessons learned from Condition Assessment Survey (CAS) inspections into the RPAM SmartPlan (SRNS-RP-2011-00202). • Revise RPAM SmartPlan requirements to more cost effectively implement DOE Order 430.1B. • Evaluating Facility assessments conducted by other organizations (Engineering, maintenance, Operations, etc.) for CAS applicability. <p>c. Leverage Real Property Asset Management Program (RPAM) for the Site, develop a tailored approach for the Replacement Value (RPV) of agreed upon unique/critical facilities and initiate implementation.</p> <p>d. Evaluate Facility Information Management System (FIMS) database and make recommendations for data improvements. Also, update and maintain information of over 2,000 FIMS real property records to ensure the data is accurate and reliable.</p> <p>e. Continue to perform CAS inspections to ensure SRS meets the facility condition assessment 5 year cycle.</p>
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 Actual Maintenance Corrective Action Plan and evaluate the Cost Reporting implementation. Review and evaluate the evidence of data input to Site Planning.
- b. Review documentation that outlines the following:
 - Cost avoidance scenario(s) from the various integrated site impacts.
 - Assessment of cost avoidance as reported.
 - Revised Condition Assessment Survey Process that maximizes cost reduction and/or cost avoidance.
- c. Evaluate RPV for H-Canyon, DWPF and SRNL 773-A Lab.
- d. Review evidence of implementation – documentation in DOE-HQ FIMS records demonstrated by performance against metrics implementation schedule.
- e. Review Condition Assessment Survey (CAS) Reports for the structures inspected in FY14. In addition, DOE-SR will perform field walk down on randomly selected completed facilities/structures and then verify that CAS data has been placed into the DOE-HQ Condition Assessment Information System (CAIS).

Contract Output SRNS2014LS-07:

Site Integrated Planning and Business Process Improvement

The Site Integrated Planning process integrates site mission planning and real property asset management. These recommendations and objectives will demonstrate improved linkage and dependencies at strategic, operational and tactical levels in support of the successful execution of the Site missions and landlord functions at SRS that includes support of all Site tenant organizations. Additionally, there will be a continued focus on improving crosscutting business processes that support the provision of services to Site missions.

Description/Background/Justification:

Execution of planned missions requires support from multiple functional organizations on site. Improving efficiency of crosscutting business processes required by these support groups will decrease cost and improve execution schedules. An additional goal is to improve those crosscutting processes.

Up to \$100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-7.01	9/30/14	\$100,000	Update the Land Use Plan to reflect the results of the DOE-SR Planning Process.
Acceptance Criteria			
DOE will be provided / will review the following for validation: <ul style="list-style-type: none"> Final Draft of the revised plan for review and publication. 			
<u>Contract Output SRNS2014LS-08:</u>			
<u>Interface Management</u>			
The Contractor shall execute Interface Management with site tenants to deliver landlord services in support of mission execution.			
Description/Background/Justification:			
Effective implementation of site interface management process (necessary maintenance and communication of interface processes, procedures and agreements) results in the effective delivery of landlord services. This ensures an efficient process to support tenant site mission completion activities.			
Annually the Interface Management Team develops a lessons learned regarding the interfaces of the tenants. These recommendations are the basis for the improvements defined in items 2 and 3.			
Up to \$100,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-8.01	9/30/14	\$100,000	Improve the SRS Interface Management Process by supporting DOE in the implementation of the Site Policy Manual SRSPM 250.1.1B. Note: This improvement is defined in the 2013 Interface Management Lessons Learned developed by the Interface Management Team: <ol style="list-style-type: none"> Providing support in developing a matrix of current contractor (SRNS, SRR, MOX, SWPF, WSI) applicability for each policy. Provide suggested handling strategies for the major contract omissions (i.e. contract modification, policy modification...)
Acceptance Criteria			
DOE-SR will review the Contractor Applicability Matrix and suggested handling strategies.			



Performance Incentive Document

PID Number:	SRNS2014SUBJ	
Activity Name:	Management & Operations - Subjective	
WBS Number:	Various / Indirect	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$5,000,000	
Revision Number:	1	
Senior level manager:	Doug Hintze Assistant Manager Mission Support (AMMS)	
Senior level supervisor/division manager:	Nick Delaplane	
Contract Performance Outcome:		
Nuclear Materials Management		
<p>The Contractor shall safely and effectively manage nuclear materials and facilities in accordance with applicable DOE Directives and requirements. Management of nuclear materials at SRS includes storage, operations and disposition.</p>		
Solid Waste		
<p>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.</p>		
Soil and Water Remediation		
<p>The Contractor shall plan and safely execute a program that meets all regulatory commitments reflected in the SRS 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.</p>		

Savannah River National laboratory (SRNL)

SRNL's three-fold mission is to enable the success of SRS 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.

Sitewide ES&H Program

The Contractor shall conduct a comprehensive ES&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 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.

Contract Output SRNS2014SUBJ-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 2014 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.

Adjectival Rating	Percent of allocable fee	Definition
Excellent	91% - 100%	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.
Very Good	76% - 90%	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.
Good	51% to 75%	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.
Satisfactory	1% to 50%	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.
Unsatisfactory	0%	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.

Description/Background/Justification:

To achieve its vision and implement all desired management improvement efforts will require an organized, systematic approach to project execution. EM has developed and implemented 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.

The IPT, as identified in the PEMP, will conduct informal surveys of the following organizations in order to solicit feedback related to contractor performance in the areas of Business Relations, Technical Quality, Cost Control and Schedule (timeliness):

Assistant Manager for Infrastructure and Environmental Stewardship (AMIES)

Assistant Manager for Mission Support (AMMS)

- Assistant Manager for Integration and Planning (AMIP)
- Office of Acquisition Management (OAM)
- Office of Human Capital Management (OHCM)

Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)

Assistant Manager for Waste Disposition Project (AMWDP)

Office of Field Chief Financial Officer (CFO)

Office of Chief Counsel (OCC)

Office of Civil Rights (OCR)

Office of External Affairs (OEA)

Office of Laboratory Oversight (OLO)

Office of Safety and Quality Assurance (OSQA)

Office of Safeguards, Security and Emergency Services (OSSES)

SRNS organizations will provide monthly self-assessments throughout the performance period to provide contractor feedback in cross-cutting areas of performance, such as safety, efficient use of trained and qualified human capital, quality, continuous improvement, cost effectiveness, timeliness of deliverables, compliance with contract, etc. The self-assessments will be 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. These self-assessments will be captured on the electronic web-based DOE Scorecard and used to facilitate enhanced communication between DOE-SR and SRNS.

These assessments are critical to record contract performance that is considered implicit, or subjective. Clear measures will be 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.

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, which will consider the related conditions under which the work was performed and the contractor's specific performance as measured against the government's objective.

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.

Per contract clause 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.

Up to \$5,000,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SUBJ-1.01	9/30/14	\$5,000,000	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 and G&A).

Acceptance Criteria

DOE-SR will review the contractor monthly report 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.

Attachment D, NNSA Performance Incentive Documents for fiscal year 2014


Fiscal Year 2014
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, 2013 through September 30, 2014


Dennis J. Donati Date 11/14/13
Senior Vice President
NNSA Operations and Programs
Savannah River Nuclear Solutions, LLC


Douglas J. Dearolph Date 11/14/13
Field Office Manager
Savannah River Field Office
National Nuclear Security Administration


John W. Temple Date 11/14/13
Senior Vice President
Contracts Management
Savannah River Nuclear Solutions, LLC


Carol R. Elliott Date 11/14/13
Contracting Officer
Savannah River Field Office
National Nuclear Security Administration

INTRODUCTION

Savannah River Site is a facility owned by the United States Department of Energy (DOE), herein referenced as “Plant.” It 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 and Oversight*, 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 2014 are specified in Section B-2.3 and scope of work for NNSA as set forth in Section C-3.3 of Contract No. DE-AC09-08SR22470. This PEP promotes a strategic Governance and Oversight framework, for 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 Performance Objective. 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

Savannah River Nuclear Solutions, LLC 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 missions assigned to the site.

MISSION PERFORMANCE

Savannah River Nuclear Solutions 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 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. **Savannah River Nuclear Solutions 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 are expected to be delivered on-schedule and within budget.

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. Effective efforts by SRNS to quickly identify, self-report, and overcome or mitigate the impact of issues, barriers or other circumstances will also be a factor in evaluating performance. A significant safety or security event may result in an overall limitation to adjectival ratings.

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, NA-00 and the NNSA Senior Procurement Executive prior to the Field Office Manager and Contracting Officer signatures. While recognizing the unilateral rights of DOE/NNSA as expressed in contract clauses H-27, *Performance Based Management*, and (2) H-28, *Performance Incentives*, bilateral changes are the preferred method of change whenever possible.

FINAL DECISION

Prior to a final decision by the FDO the SRNS General Manager will have a face-to-face opportunity to provide a final presentation in support of strategic performance determination and direction of the enterprise.

TOTAL AVAILABLE AWARD FEE ALLOCATION

Performance Category	Performance Objective	% At-Risk Fee Allocation
Programs (NA-10 & FOM)	PO-1: Manage the Nuclear Weapons Mission	25%
Programs (NA-2 & FOM)	PO-2: Broader National Security Mission	12.5%
Programs (NA1.1 & FOM)	PO-3: Science, Technology, and Engineering and Other DOE Mission Objectives	12.5%
Operations & Mission Execution (NA-3 & FOM)	PO-4: Operations & Infrastructure	25%
Operations & Mission Execution (NA-1 & FOM)	PO-5: Leadership	25%

UNEARNED FEE

DOE/NNSA reserves the right to withdraw and redistribute DOE/NNSA unearned fees.

INNOVATIVE SOLUTIONS

Savannah River Nuclear Solutions will recommend innovative, science-based, systems-engineering solutions to the most challenging problems that face the nation and the globe. Savannah River Nuclear Solutions 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 & FOM - (At-Risk Fee: 25%)
Successfully execute Nuclear Weapons mission work 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 deliveries for the stockpile work to meet limited-life component exchanges, 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 W78/88-1 phase 6.2 activities, B61-12 phase 6.3 activities, and W88 ALT 370 phase 6.3 activities in accordance with the NNSA approved schedules.

Site Specific Outcomes:

- SSO1.1: Demonstrate the Tritium Programs Earned Value Management System (EVMS) (or comparable system) is implemented consistent with the B61 Project Control Systems Description and Implementation Schedule. Establish a site performance baseline and submit monthly project and earned value reporting consistent with NA-191 program management requirements. Sites are allowed to tailor EVMS implementation to account for program complexity, cost, and risks, subject to approval of the Federal Program Manager.
- SSO 1.2: Demonstrate the Tritium programs EVMS (or comparable system) is implemented consistent with the W78/88-1 Project Control Systems Description and Implementation Schedule. Sites are allowed to tailor EVMS implementation to account for program complexity, cost, and risks, subject to approval of the Federal Program Manager.

PO-2: Broader National Security Mission – NA-2 & FOM - (At-Risk Fee: 12.5%)

Successfully execute authorized broader national security mission work to include the Non-Proliferation, Emergency Operations and Counterterrorism missions as well as high-impact interagency work. 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 counterproliferation science, technology, and expertise.
- CF-2.8 Pursue and perform high-impact interagency work 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-2.9 Accomplish work within the budget profile, scope, cost, schedule, quality and risk negotiated with the program sponsors or partners.

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 FY 14 Work Authorization and Execution Plan.
- SSO 2.2: Perform plutonium feed material characterization activities in accordance with the NNSA-approved plan for the non-pit plutonium material (AFS-1 and AFS-2) currently stored at SRS to demonstrate acceptability as feedstock and to support aqueous blend strategies in H-Canyon during operations. [MIFT Scope]

**PO-3: Science, Technology, and Engineering (ST&E) and Other DOE Mission Objectives
– NA-1.1 & FOM - (At-Risk Fee: 12.5%)**

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. Execute other DOE Mission Objectives for programs such as Environmental Management in accordance with the budget profile, scope, cost and schedule. Effectively manage Plant Directed Research and Development Programs (PDRD) to advance the frontiers of ST&E. Provide defensible objective evidence.

Contributing Factors:

- CF-3.1 Implement a research strategy that is clear and aligns discretionary investments (e.g., PDRD) with the research strategy and support DOE/NNSA priorities.
- CF-3.2 Ensure that research is relevant, enables the national security missions, and benefits DOE/NNSA and the nation.
- CF-3.3 Ensure that research is transformative, innovative, leading edge, high quality, and advances the frontiers of science and engineering.
- CF-3.4 Maintain a healthy and vibrant research environment that enhances technical workforce competencies and research capabilities.
- CF-3.5 Perform research to accomplish the high priority, multi-year research objectives, advance ST&E, and develop technologies for the public good through technology transfer.
- CF-3.6 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 in support of future national security mission requirements.
- CF-3.7 Accomplish work within the budget profile, scope, cost, schedule, risk, and quality negotiated with the program sponsors or partners.

Site Specific Outcome:

- None

**PO-4: Operations & Infrastructure – NA-3 & FOM -
(At-Risk Fee: 25%)**

Effectively and efficiently manage the safe & 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-4.1 Deliver effective, efficient, and responsive environment, safety and health (ES&H) management and processes.
- CF-4.2 Accomplish capital projects in accordance with scope, cost, and schedule baselines.
- CF-4.3 Deliver effective, efficient, and responsive physical, information and cyber security management and processes.
- CF-4.4 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-4.5 Deliver efficient, effective and responsible business operations and systems.
- CF-4.6 Deliver efficient and effective management of legal risk and incorporation of best legal practices.

Site Specific Outcome:


- SSO 4.1: Execute funded scope in support of the Tritium Responsive Infrastructure Modifications (TRIM) Program objectives, including up-front planning for the Tritium Centric Operations Project (TCOP) line item, per the FY14 Work Authorization and Execution Plan (WAEP).
- SSO 4.2: Complete construction and initiate startup testing of the Waste Solidification building project in accordance with approved cost and schedule baselines and related work scope as defined in the FY14 WAEP.

PO-5: Leadership -NA-1 & FOM - (At-Risk Fee: 25%)

Successfully demonstrate leadership in supporting the direction of the overall DOE/NNSA mission, 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-5.1 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-5.2 Promote a culture of critical self-assessment and transparency across all areas; instill a culture of accountability, responsibility, and performance through the entire organization; and coordinate/communicate these key issues and concerns to DOE/NNSA leadership.
- CF-5.3 Demonstrate performance results through the institutional utilization of the Management Assurance System and the leveraging of parent company resources and expertise.
- CF-5.4 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-5.5 Exhibit professional excellence in performing roles/responsibilities while pursuing opportunities for continuous learning.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1	2
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0424		12/19/2013		14EM000627	
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
		00901		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				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)				(x) 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)	
				x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470	
				10B. DATED (SEE ITEM 13) 01/10/2008	
CODE 798861048		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> 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: \$4,585,803.00					
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 Section I, DEAR 5232-4 Obligation of Funds (2000)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not. <input checked="" type="checkbox"/> 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 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 5. Funds in the amount of \$4,585,803.00 are hereby obligated to CLIN 0001, thereby increasing it from \$4,962,936,991.81 to \$4,967,522,794.81.					
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 \$6,362,665,335.64 to \$6,367,251,138.64.					
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)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			James Lovett		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)	
				16C. DATE SIGNED 12/19/2013	

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0424	2	2

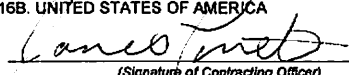
CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0424	2	2

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0424	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO. 0425		3. EFFECTIVE DATE 12/19/2013		4. REQUISITION/PURCHASE REQ. NO. 14EM000627	
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		CODE 00901		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	
CODE		FACILITY 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		(x)		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	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> 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: \$84,667.04					
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 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 5232-4 Obligation of Funds (2000)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> 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 Commercial), in accordance with SRNS FINPLAN 5. Funds in the amount of \$84,667.04 are hereby obligated to CLIN 0001, thereby increasing it from \$4,967,522,794.81 to \$4,967,607,461.85.					
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 \$6,367,251,138.64 to \$6,367,335,805.68.					
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 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)		
			James Lovett		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)	
				16C. DATE SIGNED 12/19/2013	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0426		12/19/2013		14EM000627	
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
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 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)				9A. AMENDMENT OF SOLICITATION NO.	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421				(x)	
				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) Net Increase: \$2,933,033.26

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) Section I, DEAR 5232-4 Obligation of Funds (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 UCF section headings, including solicitation/contract subject matter where feasible.)

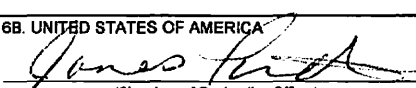
A. The purpose of this modification is to obligate funds to CLIN 0001 (Reimbursable Work for Other Federal Agency), in accordance with SRNS FINPLAN 5. Funds in the amount of \$2,933,033.26 are hereby obligated to CLIN 0001, as cited below:

- 1) Department of Defense: \$30,000.00
- 2) Department of Homeland Security: (-\$270,472.00)
- 3) Executive Office of the President: (-\$26,494.74)
- 4) Other: \$3,200,000.00

Thereby increasing it from \$4,967,607,461.85 to \$4,970,540,495.11.

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		 (Signature of Contracting Officer)	12/19/2013

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0426	2	2

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>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 \$6,367,335,805.68 to \$6,370,268,838.94.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged. FOB: Destination</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0427		3. EFFECTIVE DATE 12/30/2013		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) Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	
CODE 00901		CODE 00901			
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		(x)		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		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)

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) 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 the revisions cited below under Section J - List of Attachments:

- 1) Appendix D, Key Personnel
- 2) Appendix P, Contracting Officer Representatives (CORs)

The revised Appendix D and P are hereby superseded, and replaced with attachment 1, and 2, hereto.

B. 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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED 12/30/2013
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)

SECTION J – LIST OF ATTACHMENTS

APPENDIX D

KEY PERSONNEL

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 0426)

<u>Name</u>	<u>Title</u>
Wilson, Dwayne -----	President and Chief Executive Officer
Dohse, Fred -----	Executive Vice President and Chief Operating Officer
Michalske, Terry A. -----	Executive Vice President & Laboratory Director- Savannah River National Laboratory
Eyler, David E. -----	Senior Vice President & Deputy Laboratory Director-Savannah River National Laboratory
Donati, Dennis -----	Senior Vice President - NNSA Operations & Programs
Hunt, Paul -----	Senior Vice President – Environmental Management Operations
Davis, Margaret A. -----	Senior Vice President, Support Services
Bilson, Helen E. -----	Senior Vice President, Corporate Services
Curtis, Jennifer -----	Vice President & General Counsel
Doswell, Alice C. -----	Senior Vice President – Environment, Safety, Security & Health

SECTION J – LIST OF ATTACHMENTS

APPENDIX P

CONTRACTIG OFFICER REPRESENTATIVES (CORs)


Section J- List Attachments APPENDIX P
Contracting Officer Representatives (CORs)

Savannah River Nuclear Solutions
Contracting Officer Representatives (CORs)
Contract No. DE-AC09-08SR22470

COR NAME	TYPE OF COR	AREA OF AUTHORITY	DATE OF DESIGNATION	COR'S DOE POSITION
Douglas Dearolph	Special Area COR NNSA Only	Site Office Mgr. NNSA SRSO Only	07/09/2009	Site Office Mgr. NNSA SRSO
Michelle M. Ewart	Alternate, PDCF, NNSA Only	WSB, NNSA Only	11/21/2008	WSB Deputy FPD, NNSA SRSO
Scott C. Cannon	Special Area COR NNSA Only	WSB, FPD, NNSA Only	10/17/2011	WSB FPD, NNSA SRSO
Christina T. Edward	Special Area COR NNSA Only	NNSA only – Region 3 Regional Response Coordinator, Radiological Assistance Program, NNSA	05/21/2008	Region 3 Response Coordinator, NNSA
N. Carroll McFall	Special Area COR NNSA Only	NNSA only – NNSA SRSO	07/09/2009	NNSA – SRSO Asst Mgr – Mission
Thomas Z. Cantey	Special Area COR NNSA Only	NNSA issues only	11/21/2008	FPD, Waste Solidification Bldg
James W. McCullough	Special Area COR NNSA Only	NNSA only – PDC Project SRSO	02/18/2010	WSB Lead Project Engineer NNSA SRSO
M. Roxanne Jump	Special Area COR NNSA Only	SRSO Facilities and Projects – NNSA only	07/09/2009	NNSA SRSO Asst Manager Facilities and Projects
William D. Clark	Special Area COR NNSA Only	NNSA Project Integration Division only	05/01/2008	Manager, Project Integration Division NNSA

Margaret G. Schwenker	Alternate, for William D. Clark NNSA Only	Alternate, for William D. Clark NNSA Project Integration Division only	10/06/2009	Project Integration Division NNSA SRSO
Sachilo W. McAlhany	Special Area COR NNSA Only	NNSA only – WSB Sr Tech Advisor, NA-26	04/19/2011	WSB Sr Tech Advisor, NA-26
Robert O. Baker	Special Area COR NNSA Only	NNSA only – WSB Const. Project Lead SRSO	02/18/2010	WSB Const. Project Lead SRSO
Richard W. Boyd	Special Area COR NNSA Only	NNSA only – PDC Project Lead for Ops, SRSO	02/18/2010	PDC Project Lead for Ops, SRSO
Thomas Z. Smith	Special Area COR	EM issues only	10/17/2011	EM Dep. Site Mgr., SRO
Douglas E. Hintze	Primary COR	EM Mission Support	05/01/2008	Asst. Mgr. for Mission Support
Terrel J. Spears	Special Area COR	EM Waste Disposition Projects Only	05/01/2008	Asst. Mgr. for Waste Disposition Project
James L. Folk	Special Area COR	EM Alternate, for Waste Disposition Projects Only	03/25/2009	Deputy Asst. Mgr. for Waste Disposition Project
Patrick McGuire	Special Area COR	EM Nuclear Material Stabilization Projects only	05/01/2008	Asst. Mgr. for Nuclear Material Stabilization Project
Carl Lanigan	Special Area COR	EM Nuclear Material Stabilization Project only	11/21/2008	FPD Nuclear Material
Angelia D. Adams	Special Area COR	EM Infrastructure and Environmental Stewardship Project issues Only	11/22/2013	Deputy Asst. Mgr. Infrastructure and Environmental Stewardship Project
Patrick Jackson	Special Area COR	EM Office of Laboratory Oversight WFOs issues Only	12/07/2010	Senior Program Manager, Off of Lab Oversight
Ron Bartholomew	Special Area COR	EM OSSES issues only - Safeguards, Security & Emergency Services, Management	09/26/2011	Director, Safeguards, Security & Emergency Services,

Brenda G. Mills	Special Area COR	EM OSQA issues only - Safety and Quality Assurance	06/27/2011	Director, Safety and Quality Assurance
Timothy Armstrong	Special Area COR	EM Organizational Property Management Officer only	06/10/2009	Contract Organizational Property Management Officer
R. Kevin Rorer	Special Area COR For ARRA	SRNS ARRA Property Manager issues only	02/18/2010	Property Management Specialist
Lucy Knowles	Special Area COR	EM Site Chief Counsel for legal issues only	06/26/2013	Chief Counsel
Marlenia Murray	Special Area COR	Financial issues only	11/01/2012	Financial Acquisition Analyst
Irie W. Clarke	Special Area COR	Counterintelligence – IN 30 issues only	06/15/2012	Procurement Specialist, IN-30
Phillip “Tony” Polk	Special Area COR	EM Alternate, for Nuclear Material Stabilization Projects only	10/07/2013	Director, Nuclear Materials Programs

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 1									
2. AMENDMENT/MODIFICATION NO. 0428		3. EFFECTIVE DATE 12/31/2013		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) 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.		9B. DATED (SEE ITEM 11)									
CODE 798861048 FACILITY CODE		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													
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> 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.													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CHECK ONE</td> <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></td> <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></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td>X</td> <td>D. OTHER (Specify type of modification and authority) DEAR 970.5211-1 Work Authorization (May 2007)</td> </tr> </table>						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 970.5211-1 Work Authorization (May 2007)
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 970.5211-1 Work Authorization (May 2007)												
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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 Contract Work Authorization No. KL/W/SR1-14, for Workforce Development for Teachers and Scientist, see Attachment 1-A, hereto. Funds were previously allocated by separate modification, reference SRNS Financial Plan #5, for Fiscal Year 2014, a copy is provided as Attachment 1-B, hereto.													
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, 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)											
		Marie A. Garvin											
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA									
(Signature of person authorized to sign)				 (Signature of Contracting Officer)									
				16C. DATE SIGNED 12/31/2013									

Contract Work Authorization Supporting Documentation Index

<u>Document No.</u>	<u>Work Proposal Number</u>	<u>Project Title</u>
A	KL/W/SR1-14	Workforce Development for Teachers and Scientist (7 pages, DOE-SR generated form with reviewers and approval concurrence, Hqts Memorandum, SC-41 Work Authorization. Funds allocated under FINPLAN #5.
B	FINPLAN #5	1 of 7 pages

Note: Funding previously allocated under FINPLAN 5, FY 2014. 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. 0428/STRIPE Procurement System.

Supporting Documentation No. A

Work Authorization

Work Authorization Number KLW/SR1-14 Revision Number 0	U.S. DEPARTMENT OF ENERGY CONTRACT WORK AUTHORIZATION If you need assistance with this form contact Belinda Beckum 5-5352	Tracking Number CWA-2014-00017				
1a. Project Title: Workforce Development for Teachers and Scientist		1b. Work Proposal Number (if applicable): Various				
1c. Performing Organization <input checked="" type="radio"/> SRNL <input type="radio"/> SRNS						
2. Headquarters Program Point of Contact. Name: Patricia M. Dehmer Organization Code: SC-27 Telephone No.: 202-287-6490						
3. Headquarters Budget Point of Contact. Name: Andrea Condrad Organization Code: SC-41 Telephone No.: 301-903-3310						
4. Responsible Program: Workforce Development for Teachers and Scientists		5. Responsible Secretarial Officer: Office of Science				
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: KLW/SR1-14		9. Revision Number: 0				
10. Funds Authorized (See note below) Work subject to funds availability and approved scope. See attached. Internships and Visiting Faculty Activities SULI (KL-10-01(\$20,000 in FY 2014 funding provided for support of up to 2 2014 Summer Term SULI participants.						
Date	B&R Code	Agreement / Project #	Project Value	Previous:	Change:	Current:
12/3/13	KL1001000			0.00	20,000.00	20,000.00
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) The FY 2014 Approved Funding Program provides funding to accomplish Workforce Development for Teachers and Scientists activities, generally consistent with the Field Work Proposal submissions and modifications and specific guidance provided by the enclosed memorandum. The Office of Workforce Development for Teachers and Scientists (WDTs) is committed to conducting work in a manner that ensures protection of the workers, the public, and the environment. Protecting the workers, the public and the environment is a direct and individual responsibility of all WDTs managers and WDTs-supported staff. Funds provided by WDTs will be applied as necessary to ensure that all WDTs activities are conducted safely and in an environmentally conscientious manner. Only work conducted in this way will be supported. The following are required for the Workforce Development for Teachers and Scientists program: analysis reports as produced, a fiscal year end report, and a final report.						
15. Technical Point of Contact						
Name Natalie Ferguson/SRNL/Srs		Title SRS Technical Point of Contact		Email natalie.ferguson@srnl.doe.gov		Phone (803) 725-2600
SRS Technical Point of Contact Manager						
Name Steve Wach/SRNL/Srs		Title SRS Technical Point of Contact Manager		Email steve.wach@srnl.doe.gov		Phone (803) 725-3020
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

Kathryn Davis has pressed the button , "I accept the scope and funding requirements and have no issues meeting the requirements."

12/16/2013 03:52 PM

DOE-SR Prog POC

DOE-SR Work Authorization Program

DOE Order 412 Compliance Checksheet

Project Title	Work Authorization Number
Workforce Development for Teachers and Scientist	KLW/SR1-14

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

<input checked="" type="radio"/> Yes <input type="radio"/> No	Project title and reference to work proposal number, if applicable
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters programmatic point of contact, organization, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters budget point of contact, organization code, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible program
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible program Secretarial Officer
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible field organization
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible contracting officer if different from above
<input checked="" type="radio"/> Yes <input type="radio"/> No	Site/facility management contractor name, point of contact, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Work authorization number, with revision number if applicable
<input checked="" type="radio"/> Yes <input type="radio"/> No	Budget and reporting code and funding level
<input checked="" type="radio"/> Yes <input type="radio"/> No	Dates for performance period, work start, and work completion
	Statement of work (see paragraph below)
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters, field organization, contractor, and if involving changes to scope, schedule, or funding, contracting officer signature blocks
<input checked="" type="radio"/> Yes <input type="radio"/> 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:

<input checked="" type="radio"/> Yes <input type="radio"/> 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
<input checked="" type="radio"/> Yes <input type="radio"/> No	Required milestone dates
<input checked="" type="radio"/> Yes <input type="radio"/> No	Deliverables, including technical information as required by DOE O 241.1A, Scientific and Technical Information Management
<input checked="" type="radio"/> Yes <input type="radio"/> 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	12/05/2013 09:01 AM

DOE-SR Field Budget Official

BEARS database search complete and results attached to WAD package?

☒ Y ☐ N

Funding constrained: (Year constrained; CR; etc.) 89X0222 No Year funds, FY 2014 budget authority, on FinPlan #5.

☐ 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?	<input checked="" type="radio"/> Y <input type="radio"/> N
2. Is the expenditure prohibited by law?	<input type="radio"/> Y <input checked="" type="radio"/> 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?	<input type="radio"/> Y <input checked="" type="radio"/> N

Contract Mod Admin

Contract Mod #	Attach Signed Mod
Mod 0428	

Attachments



PKG KL W SR1 14 R0.pdf Tracking Number CWA-2014-00017.pdf CWA-2014-00017.pdf

Notify on Approval

[General Comment](#)

Submitted	Submitted By	Comment
12/31/2013 11:37:52 AM	Christine Corbin	Mod 0428 anticipated release date Jan 7, 2014, see FINLAN #5

Work Authorization: In Process					
Approvers	Title	Assigned	Received	Status Changed	Status
John Temple	SRNS Contractor Auth Rep	12/16/2013 03:52:27 PM	12/16/2013 04:58:45 PM	12/16/2013 04:59:26 PM	Concur
James Lovett	DOE-SR Contract Officer	12/16/2013 04:59:27 PM	12/19/2013 09:04:47 AM	12/19/2013 09:05:36 AM	Concur

Christine Corbin	DOE-SR Contract Mod Admin	12/19/2013 09:05:37 AM	12/19/2013 01:31:35 PM	12/31/2013 11:39:19 AM	Concur
Kathryn Davis	SRNS Contracts	12/31/2013 11:39:20 AM			

Previous Process - Work Authorization: Approved on 12/16/2013					
Approvers	Title	Assigned	Received	Status Changed	Status
Natalie Ferguson	Technical POC	12/05/2013 09:08:14 AM	12/10/2013 01:47:55 PM	12/10/2013 01:50:12 PM	Concur
John Christian	DOE-SR Work Auth	12/10/2013 01:50:13 PM	12/10/2013 01:58:36 PM	12/10/2013 01:58:49 PM	Concur
Patrick Jackson	Coordinator	12/10/2013 01:58:50 PM	12/10/2013 02:57:23 PM	12/10/2013 04:02:54 PM	Concur
Harold Nielsen	DOE-SR Program POC	12/10/2013 04:02:56 PM	12/16/2013 02:36:57 PM	12/16/2013 02:41:03 PM	Concur
	DOE-SR Field Budge Off				

Approver Comments

Reviewers

Name	Date Time	Action
Sharon Hunter	12/5/2013 9:12:35 AM	Reviewed
Kathryn Davis	12/16/2013 3:52:06 PM	Reviewed

2013-19



Department of Energy
Office of Science
Washington, DC 20585

DEC 3 2013

MEMORANDUM FOR: DR. DAVID MOODY
MANAGER
SAVANNAH RIVER

FROM:

PATRICIA M. DEHMER *Patricia M. Dehmer*
DEPUTY DIRECTOR FOR SCIENCE PROGRAMS
OFFICE OF SCIENCE

SUBJECT:

FY 2014 Office of Science Approved Funding Program -
Savannah River Nuclear Solutions

The attached budget detail and program comments relate to the December AFP recently submitted to the Chief Financial Officer for the Workforce Development for Teachers and Scientists program.

Also attached, in accordance with DOE Order 412.1A, is the FY 2014 Work Authorization for the M&O contract with Savannah River Nuclear Solutions to support funding in the December AFP.

There should not be any variance in performance from this guidance during the year prior to changes being coordinated and approved by the appropriate Headquarters program manager and documented by a program letter from Headquarters. This is essential to maintain accountability for the utilization of these funds.

If you have any questions regarding the attached please call Andrea Conrad (301-903-3310) or the appropriate program manager at Headquarters.


Attachment

cc:

L. Roberson, SR

D. Ryan, AMEST, SR

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

1a. Project Title: Workforce Development for Teachers and Scientists		1b. Work Proposal Number (if applicable): Various	
2. Headquarters Program Point of Contact.			
Name: Patricia M. Dehmer		Organization Code: SC-27	Telephone No.: (202) 287-6490
3. Headquarters Budget Point of Contact.			
Name: Andrea Conrad		Organization Code: SC-41	Telephone No.: (301) 903-3310
4. Responsible Program: Workforce Development for Teachers and Students		5. Responsible Secretarial Officer: Under Secretary for Science	
6. Responsible Field Organization: Savannah River Operations Office			
7a. Site and Facility Management Contractor: Savannah River Nuclear Solutions, LLC		7b. Contractor Point of Contact.	
		Name:	Telephone No.:
8. Work Authorization Number: KL/ W/SR1/14		9. Revision Number: 00	
10. Funds Authorized (\$ in thousands).			
B&R Code: KL1001000		Previous: \$0	Change: \$+20 Current: \$20*
11. Performance Period Covered by Funds.		12. Work Start Date:	13. Expected Completion Date:
From: 10/01/13 To: 09/30/14		10/01/13	09/30/14
14. Statement of Work: <p>The FY 2014 Approved Funding Program provides funding to accomplish Workforce Development for Teachers and Scientists activities, generally consistent with the Field Work Proposal submissions and modifications and specific guidance provided by the enclosed memorandum.</p> <p>The Office of Workforce Development for Teachers and Scientists (WDTS) is committed to conducting work in a manner that ensures protection of the workers, the public, and the environment. Protecting the workers, the public and the environment is a direct and individual responsibility of all WDTS managers and WDTS-supported staff. Funds provided by WDTS will be applied as necessary to ensure that all WDTS activities are conducted safely and in an environmentally conscientious manner. Only work conducted in this way will be supported.</p>			
15. Reporting Requirements (Status reports, scientific and technical information or similar): <p>The following are required for the Workforce Development for Teachers and Scientists program: analysis reports as produced, a fiscal year end report, and a final report.</p>			
16. Work Authorization Program Official.			
Name (typed): Patricia M. Dehmer		Signature: 	Date: 11/29/2013
17. DOE Field Organization Official.			
Name (typed):		Signature:	Date:
18. Contractor's Authorized Representative.			
Name (typed):		Signature:	Date:
19. DOE Contracting Officer (or delegated representative).			
Name (typed):		Signature:	Date:

*Includes Operating of \$20,000.

**Workforce Development for Teachers and Scientists
FY 2014 December Program Guidance Attachment**

Savannah River National Laboratory (410003)

Internships and Visiting Faculty Activities

SULI (KL-10-01)

\$20,000 in FY 2014 funding is provided for support of up to 2 2014 Summer Term SULI participants.

B & R

KL1001000

Supporting Documentation No. B

Financial Plan Number: 5

Fiscal Year: 2014

Fiscal Month: 03

Contract Modification Number: A0424 THRU A0426

Rpt Entity: SR Savannah River Nuclear Solutions, LLC

Financial Plan Report - Detail

SR22470 - Savannah River Nuclear Solutions (SRNS)

Site: SR

Page 1 of 7

Report: RFP0001

Report Generated on: December 19, 2013 at 01:19:58 PM

Rpt Entity	Fund Code	Leg FT	Program	Legacy B&R	Obj. Class	Local Use	Project	WFO	Legacy Order Number	Beginning Uncosted Obs	BA			Total Available
											Previous	Change	Revised	
410003	00500	WA	2924406	KL1001000	25400	0000000	0000000	0000000	KL/WISRT-14	1,135.69	0.00	20,000.00	20,000.00	21,135.69
Total for Program Parent/Control Point: KL0000000										1,135.69	0.00	20,000.00	20,000.00	21,135.69
Total for Fund: 00500										1,135.69	0.00	20,000.00	20,000.00	21,135.69
410003	00900	TC	2222366	DP090143M	25400	0000000	0000000	0000000		1,355,326.03	6,500,000.00	400,000.00	6,900,000.00	8,255,326.03
Total for Program Parent/Control Point: DP0901431										1,355,326.03	6,500,000.00	400,000.00	6,900,000.00	8,255,326.03
410003	00900	TC	2220676	DP0904000	25400	0000000	0000000	0000000		754,394.21	800,000.00	-250,000.00	550,000.00	1,304,394.21
Total for Program Parent/Control Point: DP0904000										754,394.21	800,000.00	-250,000.00	550,000.00	1,304,394.21
410003	00900	TC	2222063	DP1304010	25400	0000000	0000000	0000000		220,552.78	250,000.00	50,000.00	300,000.00	520,552.78
Total for Program Parent/Control Point: DP1304000										220,552.78	250,000.00	50,000.00	300,000.00	520,552.78
410003	00900	TC	2221785	DP4015032	25400	0000000	0000000	0000000		117,250.34	0.00	50,000.00	50,000.00	167,250.34
Total for Program Parent/Control Point: DP4000000										117,250.34	0.00	50,000.00	50,000.00	167,250.34
410003	00900	TC	2221076	FS2006000	25400	0000000	0000000	0000000		27,107.74	20,000.00	-20,000.00	0.00	27,107.74
410003	00900	TC	2221079	FS2009000	25400	0000000	0000000	0000000		223,231.32	625,000.00	20,000.00	645,000.00	868,231.32
Total for Program Parent/Control Point: FS2000000										250,339.06	645,000.00	0.00	645,000.00	895,339.06
410003	00900	TC	2222766	MB0101040	25400	0000000	0000000	0000000		214,673.00	875,000.00	400,000.00	1,275,000.00	1,489,673.00
Total for Program Parent/Control Point: MB0101010										214,673.00	875,000.00	400,000.00	1,275,000.00	1,489,673.00
410003	00900	TC	2222768	MB0102020	25400	0000000	0000000	0000000		552,345.68	775,000.00	-200,000.00	575,000.00	1,127,345.68
410003	00900	TC	2222768	MB0102020	31003	0410000	0000000	0000000		997,447.52	0.00	-200,000.00	-200,000.00	797,447.52
Total for Program Parent/Control Point: MB0102010										1,549,793.20	775,000.00	-400,000.00	375,000.00	1,924,793.20
410003	00900	TC	2222770	MB0201020	25400	0000000	0000000	0000000		443,808.75	400,000.00	-400,000.00	0.00	443,808.75
Total for Program Parent/Control Point: MB0201010										443,808.75	400,000.00	-400,000.00	0.00	443,808.75
410003	00900	TC	2222773	MB0203020	25400	0000000	0000000	0000000		321,472.57	250,000.00	50,000.00	300,000.00	621,472.57
Total for Program Parent/Control Point: MB0203010										321,472.57	250,000.00	50,000.00	300,000.00	621,472.57
410003	00900	TC	2222775	MB0204020	25400	0000000	0000000	0000000		740,436.30	250,000.00	-250,000.00	0.00	740,436.30
Total for Program Parent/Control Point: MB0204010										740,436.30	250,000.00	-250,000.00	0.00	740,436.30
410003	00900	TC	2222780	MB0206020	25400	0000000	0000000	0000000		1,085,633.97	725,000.00	-100,000.00	625,000.00	1,710,633.97
Total for Program Parent/Control Point: MB0206010										1,085,633.97	725,000.00	-100,000.00	625,000.00	1,710,633.97
410003	00900	TC	2222784	MB0208020	25400	0000000	0000000	0000000		360,341.79	375,000.00	750,000.00	1,125,000.00	1,485,341.79
Total for Program Parent/Control Point: MB0208010										360,341.79	375,000.00	750,000.00	1,125,000.00	1,485,341.79
410003	00900	TC	2222794	MB0302000	25400	0000000	0000000	0000000		142,002.22	50,000.00	-50,000.00	0.00	142,002.22
Total for Program Parent/Control Point: MB0301000										142,002.22	50,000.00	-50,000.00	0.00	142,002.22
410003	00900	TC	2222788	MB0402000	25400	0000000	0000000	0000000		2,451,227.54	850,830.38	2,250,000.00	3,100,830.38	5,552,057.92
Total for Program Parent/Control Point: MB0402000										2,451,227.54	850,830.38	2,250,000.00	3,100,830.38	5,552,057.92
410003	00900	TC	2222789	MB0405000	25400	0000000	0000000	0000000		2,241,050.23	5,000,000.00	-2,500,000.00	2,500,000.00	4,741,050.23
Total for Program Parent/Control Point: MB0405000										2,241,050.23	5,000,000.00	-2,500,000.00	2,500,000.00	4,741,050.23

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2 AMENDMENT/MODIFICATION NO.		3 EFFECTIVE DATE		4 REQUISITION/PURCHASE REQ NO	
0429		01/08/2014			
6 ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
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 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)		(x)		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)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470	
				10B. DATED (SEE ITEM 13) 01/10/2008	
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)

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	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.)

The purpose of this modification is to incorporate six Contract Work Authorization(s) and provide a replacement page for Appendix D, Key Personnel List, reference Mod 0427:

A. The contract work authorizations listed below are hereby incorporated:

- 1) No. HI-410003-14, Rev. 2, for Fuel Cell Technologies Office (see Attachment 1-A)
- 2) No. 89X0319-14, Rev 1, for Fuel Cycle Technologies (see Attachment 1-B)
- 3) No. PC410003-14, Rev 1, for Packaging and Certification and Transportation Operations Support (see Attachment 1-C)
- 4) No. 410003-TS-14, Rev. 2, for SRNL Technical Support (see Attachment 1-D)
- 5) No. SS410225-14, for Strategic National Laboratory Support (see Attachment 1-E)

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)		16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James Lovett	
15B CONTRACTOR/OFFEROR	15C DATE SIGNED	16B UNITED STATES OF AMERICA	16C DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	01/08/2014

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0429PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>6) No. WW-41003-14, Rev 1, for Wind and Hydropower Tech Program (see Attachment 1-E)</p> <p>Funds were previously allocated by separate modification, reference SRNS Financial Plan #5, for Fiscal Year 2014, a copy is provided as Attachment 1-G, hereto.</p> <p>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.</p> <p>C. Under Mod 0427, Section J - List of Attachments, Appendix D, Key Personnel, is hereby deleted and replaced with the revised page attached hereto under Attachment 1-H. The reference modification in the first paragraph of the Key Personnel list as read "Mod 0426," is changed to read "Mod 0427."</p> <p>D. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 1

2. AMENDMENT/MODIFICATION NO.

0430

3. EFFECTIVE DATE

01/16/2014

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

00901

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

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

(x) 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

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)

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	
<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) 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 Contract Work Authorization No. HQTD10011-14, for Waste Retrieval and Closure Technologies, see Attachment 1-A, hereto. Funds were previously allocated by separate modification, reference SRNS Financial Plan 4, for Fiscal Year 2014, a copy is provided as Attachment 1-B, hereto.

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.

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)

James Lovett

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED


16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

01/23/2014

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0431		01/30/2014			
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
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 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)		9A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		9B. DATED (SEE ITEM 11)			
		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470			
		10B. DATED (SEE ITEM 13) 01/10/2008			
CODE 798861048		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 970.5211-1 Work Authorization (May 2007)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 provide replacement pages for Contract Work Authorization numbers HI-41003-14, Rev 1, for Fuel Cell Technologies Office, under Mod 421; and PC41003-14, Rev 1, for Packaging and Certification and Transportation Operation Support, under Mod 429 (Page 1 only). The replacements pages reflect the changes cited below: 1) Mod 0421, WA No. HI-410003-14, Rev 1, project title as read "Fuel Cycle Technologies Office, should read "Fuel Cell Technologies Office." 2) Mod 0429, WA No. PC41003-14, Rev 1, for Packaging and Certification and Transportation Operation Support, see Block 10, Funds Authorized, the two B&Rs listed below are revised accordingly: 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)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			Angela S. Morton		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)	
				16C. DATE SIGNED 01/30/2014	

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
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2 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>B&R Code EY6527138 changed to read EY652713B B&R Code EY452612 changed to read EZ452612</p> <p>Replacement pages are provided as attachment 1-A, and 1-B, hereto.</p> <p>B. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0432		3. EFFECTIVE DATE 01/31/2014		4. REQUISITION/PURCHASE REQ. NO. 14EM000884	
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 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		(X)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 798861048		FACILITY CODE		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					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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: \$54,117,092.80					
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:				
X	D. OTHER (Specify type of modification and authority) DEAR 5232-4 Obligation of Funds (2000)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 6. Funds in the amount of \$54,117,092.80 are hereby obligated to CLIN 0001, thereby increasing it from \$4,970,540,495.11 to \$5,024,657,587.91.					
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 \$6,370,268,838.94 to \$6,424,385,931.74.					
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 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) James Lovett			
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	
				16C. DATE SIGNED 02/03/2014	
NSN 7540-01-152-8070 Previous edition unusable					
STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243					

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0432PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0434		3. EFFECTIVE DATE 01/31/2014		4. REQUISITION/PURCHASE REQ. NO. 14EM000884	
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 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.		9B. DATED (SEE ITEM 11)	
CODE 798861048 FACILITY CODE		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) Net Increase: \$1,040,816.54

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 5232-4 Obligation of Funds (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 UCF section headings, including solicitation/contract subject matter where feasible.)

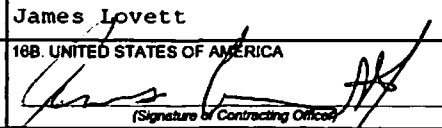
A. The purpose of this modification is to obligate funds to CLIN 0001 (Reimbursable Work for Other Federal Agency), in accordance with SRNS FINPLAN 6. Funds in the amount of \$1,040,816.54 are hereby obligated to CLIN 0001, as cited below:

- 1) Department of Defense - (-\$2,489.35)
- 2) Department of Homeland Security - \$752,826.51
- 3) Department of State - \$23,301.00
- 4) Nuclear Regulator Commission - (-\$172.61)
- 5) Other - \$267,350.99

Thereby increasing it from \$5,024,943,763.15 to \$5,025,984,579.69.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 8A 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) James Lovett	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 02/03/2014

CONTINUATION SHEET

REFERENCE NO. OFMENT BEING CONTINUED
DE-AC09-08SR22470/0434PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>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 \$6,424,672,106.98 to \$6,425,712,923.52.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged. FOB: Destination</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0435		02/11/2014			
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
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 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)				9A. AMENDMENT OF SOLICITATION NO.	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421				(x)	
				9B. DATED (SEE ITEM 11)	
				10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470	
				10B. DATED (SEE ITEM 13) 01/10/2008	
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)

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 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	D. OTHER (Specify type of modification and authority) 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 contract work authorizations listed below:

- 1) No. HI-410003-14, Rev. 3, for Fuel Cell Technologies Office, see Attachment 1-A
- 2) No. SL-410003-14, for Solar Energy, see Attachment 1-B
- 3) No. 410003-TS-14, Rev. 3, for SRNL Technical Support, see Attachment 1-C

Funds were previously allocated by separate modification, reference SRNS Financial Plan 6, for Fiscal Year 2014, a copy is provided as Attachment 1-D, hereto.

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.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		James Lovett (Signature of Contracting Officer)	02/19/2014

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
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2 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0436		02/19/2014		14EM001015	
6. ISSUED BY		CODE		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		00901		CODE 00901	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		8A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		9B. DATED (SEE ITEM 11)			
		10A. MODIFICATION OF CONTRACT/ORDER NO.			
		DE-AC09-08SR22470			
		10B. DATED (SEE ITEM 13)			
		01/10/2008			
CODE		FACILITY 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 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: \$49,210,846.85

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) Section I, DEAR 5232-4 Obligation of Funds

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 obligate funds to CLIN 0001 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 7. Funds in the amount of \$49,210,846.85 are hereby obligated to CLIN 0001, thereby increasing it from \$5,025,984,579.69 to \$5,075,195,426.54 .

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 \$6,425,712,923.52 to \$6,474,923,770.37.

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 8A 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)	
		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	02/19/2014

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0436

PAGE	OF
2	2

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0437		02/20/2014			
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
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 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)		9A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
				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		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)

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	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 contract work authorizations listed below:

- 1) No. HQ091101-14, Rev 1, for Advanced Simulation Capability for Environmental (See Attachment 1, A)
- 2) No. KC/SR1/4-14, Rev 1, for Basic Energy Science - Energy Frontier Research Centers (See Attachment 1, B)
- 3) No. KP/W/SR1/4-14, Rev 1, for Biological and Environmental Research (See Attachment 1, C)
- 4) No. HQ1001-14, Rev 2, for Energy Employees Occupational Illness Compensation Program (EEOICPA) (See Attachment 1, D)
- 5) No. IN14013-14, Rev 1, for Energy and Threat (See Attachment 1, E)

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	02/25/2014

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0437	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>6) No. IN14035-14, Rev 1, for Energy and Threat (See Attachment 1, F)</p> <p>7) No. HQTD1005-14, Rev 1, for Increased Wasted Loading (See Attachment 1, G)</p> <p>8) No. SR091701-14, Rev 1, for In Situ Decommissioning (See Attachment 1, H)</p> <p>9) No. AF/0105/13/AL/50-14, for Radioisotope Power System (See Attachment 1, I)</p> <p>10) No. HQTD1001-14, Rev 1, for Waste Retrieval and Closure Technologies (See Attachment 1, J)</p> <p>Funds were previously allocated by separate modifications under FINPLAN numbers 6 and 7, for Fiscal Year 2014 (copies of FINPLANS provided, see Attachment K).</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0438		02/27/2014		14EM001139	
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
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 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)				9A. AMENDMENT OF SOLICITATION NO.	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421				(X)	
				9B. DATED (SEE ITEM 11)	
				10A. MODIFICATION OF CONTRACT/ORDER NO.	
				DE-AC09-08SR22470	
				10B. DATED (SEE ITEM 13)	
				01/10/2008	
CODE		FACILITY 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 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: \$183,621,324.79

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 5232-4 Obligation of Funds

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 obligate funds to CLIN 0001 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 8. Funds in the amount of \$183,621,324.79 are hereby obligated to CLIN 0001, thereby increasing it from \$5,075,195,426.54 to \$5,258,816,751.33.

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 \$6,474,923,770.37 to \$6,658,545,095.16.

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	02/27/2014

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0438	2	2

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0438	2	2

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0438	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0439		02/27/2014		14EM001139	
6. ISSUED BY		CODE		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		00901		CODE 00901	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
CODE 798861048		FACILITY CODE		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) Net Increase: \$4,931,897.78

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 5232-4 Obligation of Funds

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 obligate funds to CLIN 0001 (Reimbursable Work for Other Federal Agency), in accordance with SRNS FINPLAN 8. Funds in the amount of \$4,931,897.78 are hereby obligated to CLIN 0001 as cited below:

- 1) Department of Defense - \$260,573.89
- 2) Department of Homeland Security - \$485,500.00
- 3) Other - \$4,185,823.89

Thereby increasing it from \$5,258,816,751.33 to \$5,263,748,649.11.

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

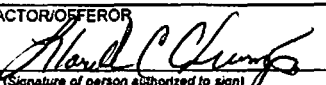

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.


15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	02/27/2014

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0439	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from \$6,658,545,095.16 to \$6,663,476,992.94.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>FOB: Destination</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0440		3. EFFECTIVE DATE 02/27/2014		4. REQUISITION/PURCHASE REQ. NO. 14EM001139	
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 Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	
CODE 00901		CODE 00901			
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		(x)		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		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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: -\$17,186.56					
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:				
X	D. OTHER (Specify type of modification and authority) Section I, DEAR 5232-4 Obligation of Funds				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> 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), in accordance with SRNS FINPLAN 8. Funds in the amount of (-\$17,186.56) are hereby de-obligated from CLIN 0001, thereby decreasing it from \$5,263,748,649.11 to \$5,263,731,462.55.					
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 decrease the total amount of funds obligated to the contract from \$6,663,476,992.94 to \$6,663,459,806.38.					
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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
L.C. Clevinger II Manager, Contracts		Angela S. Morton			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16C. DATE SIGNED	
 (Signature of person authorized to sign)		2-27-14		 (Signature of Contracting Officer)	
15D. UNITED STATES OF AMERICA				02/27/2014	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2									
2. AMENDMENT/MODIFICATION NO. 0441		3. EFFECTIVE DATE 03/06/2014		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) 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		(x)		9A. AMENDMENT OF SOLICITATION NO.									
CODE 798861048		FACILITY CODE		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													
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 Data													
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: center;">CHECK ONE</td> <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></td> <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></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td style="text-align: center;">X</td> <td>D. OTHER (Specify type of modification and authority) Section I, DEAR 970.5211-1 Work Authorization (May 2007)</td> </tr> </table>						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)
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)												
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 contract work authorizations listed below: 1) No. HQ091101-14, Rev 2, for Advanced Simulation Capability for Environmental Management (See Attachment 1, A) 2) No. IN14013-14, Rev 2, for Energy and Threat (See Attachment 1, B) 3) No. IN14035-14, Rev 2, for Energy and Threat (See Attachment 1, C) 4) No. HQT1005-14, Rev 2, for Increased Wasted Loading (See Attachment 1, D) 5) No. SR091701-14, Rev 2, for In Situ Decommissioning (See Attachment 1, E) 6) No. 410003-TS-14, Rev 4, for SRNL Technical Support (See Attachment 1, F) 7) No. PC410003-14, Rev 2, for Packaging and Certification and Transportation Operations 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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Angela S. Morton											
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)									
				16C. DATE SIGNED 03/12/2014									

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0441	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Support (See Attachment 1, G) 8) No. 13/CJ000/12/01/0, for SRNL Reviewers for ARPA-E (See Attachment 1, H)</p> <p>Funds were previously allocated by separate modifications under FINPLAN numbers 6 and 8, for Fiscal Year 2014 (copies of FINPLANS provided, see Attachment I).</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 1	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0442		03/19/2014		14EM001343	
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
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 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)				9A. AMENDMENT OF SOLICITATION NO.	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421				(x)	
				9B. DATED (SEE ITEM 11)	
				x 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)

See SRNS Financial Plan #9 attached, Recast of Funds

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.
X	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)

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 recast funds in accordance with Financial Plan #9, dated March 19, 2014, copy attached hereto.

B. 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.

15A. NAME AND TITLE OF SIGNER (Type or print)		18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	18B. UNITED STATES OF AMERICA	18C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	03/20/2014

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

Financial Plan Number: 9

Fiscal Year: 2014

Contract Modification Number: 0442

Fiscal Month: 06

Rpt Entity: SR Savannah River Nuclear Solutions, LLC

Financial Plan Report - Detail

Site: SR

Page 1 of 4

Report: RFP0001

Report Generated on: March 19, 2014 at 04:10:39 PM

Rpt Entity	Fund Code	Leg FT	Program	Legacy B&R	Obj. Class	Local Use	Project	WFO	Legacy Order Number	Beginning Uncosted Obs	BA			Total Available
											Previous	Change	Revised	
410003	00900	TC	2220814	DP1706000	25400	0000000	0000000	0000000		3,570,850.19	4,226,056.00	-4,226,056.00	0.00	3,570,850.19
AY 2014 - Recast to a new B&R EC 3/17/2014														
410003	00900	TC	2220814	DP1706000	31003	0410000	0000000	0000000		162,411.01	100,000.00	-100,000.00	0.00	162,411.01
AY 2014 - Recast to a new B&R EC 3/17/2014														
Total for Program Parent/Control Point: DP1706000										3,733,261.20	4,326,056.00	-4,326,056.00	0.00	3,733,261.20
410003	00900	TC	2222898	MB0410000	25400	0000000	0000000	0000000		0.00	11,556,047.00	4,326,056.00	15,882,103.00	15,882,103.00
Total for Program Parent/Control Point: MB0410000										0.00	11,556,047.00	4,326,056.00	15,882,103.00	15,882,103.00
Total for Fund: 00900										3,733,261.20	15,882,103.00	0.00	15,882,103.00	19,615,364.20
410003	01050	TF	3184701	HQ1001000	25400	0000000	0000000	0000000		0.00	105,000.00	141,000.00	246,000.00	246,000.00
AY 2014 - Recast from fund code 01088 to 01050 HQ1001 sch 3/17/14														
Total for Program Parent/Control Point: HQ1001000										0.00	105,000.00	141,000.00	246,000.00	246,000.00
Total for Fund: 01050										0.00	105,000.00	141,000.00	246,000.00	246,000.00
410003	01060	FO	3203738	GD2540101	25400	0000000	0000000	0000000		0.00	67,848.00	87,960.00	155,808.00	155,808.00
AY 2014 - Recast for changing of fund code 01087 to 01060														
410003	01060	FO	3203735	GD2540980	25400	0000000	0000000	0000000		0.00	90,467.00	117,280.00	207,747.00	207,747.00
AY 2014 - Recast changing fund codes from 01087 to 01060 GD254098														
Total for Program Parent/Control Point: GD2540000										0.00	158,315.00	205,240.00	363,555.00	363,555.00
410003	01060	FO	3203740	GD3003010	25400	0000000	0000000	0000000		15,027.96	380,000.00	530,000.00	910,000.00	925,027.96
AY 2014 - recast from fund code 01087 to 01060 for gd300301 sch 3/17/14														
410003	01060	FO	1714209	GD3006000	25400	0000000	0000000	0000000		0.00	0.00	15,000.00	15,000.00	15,000.00
AY 2014 - recast change fund code from 01087 to 01060 GD3006000 3/17/14 sch														
410003	01060	FO	1714217	GD3009000	25400	0000000	0000000	0000000		19,143.57	75,000.00	175,000.00	250,000.00	269,143.57
AY 2014 - Recast for fund codes from 01087 to 01060 GD3009000 sch 3/17/14														
410003	01060	FO	3203736	GD3015000	25400	0000000	0000000	0000000		3,880.50	248,170.00	125,400.00	373,570.00	377,450.50
AY 2014 - Recast fund codes from 01087 to 01060 GD3015000 sch 3/17/14														
Total for Program Parent/Control Point: GD3001000										38,052.03	703,170.00	845,400.00	1,548,570.00	1,586,622.03
410003	01060	FO	3203753	GD5001000	25400	0000000	0000000	0000000		0.00	0.00	96,756.00	96,756.00	96,756.00
AY 2014 - Recast fund code from 01087 to 01060 GD5001 sch 3/17/14														
Total for Program Parent/Control Point: GD5001000										0.00	0.00	96,756.00	96,756.00	96,756.00
Total for Fund: 01060										38,052.03	861,485.00	1,147,396.00	2,008,881.00	2,046,933.03

Financial Plan Number: 9

Fiscal Year: 2014

Contract Modification Number: 0442

Fiscal Month: 06

Rpt Entity: SR Savannah River Nuclear Solutions, LLC

Financial Plan Report - Detail

Site: SR

Page 2 of 4

Report: RFP0001

SR22470 - Savannah River Nuclear Solutions (SRNS)

Report Generated on: March 19, 2014 at 04:10:39 PM

Rpt Entity	Fund Code	Leg FT	Program	Legacy B&R	Obj. Class	Local Use	Project	WFO	Legacy Order Number	Beginning Uncosted Obs	Previous	BA Change	Revised	Total Available
410003	01087		3203738	GD2540101	25400	0000000	0000000	0000000		0.00	87,960.00	-87,960.00	0.00	0.00
AY 2014 - Funds are being recast to fund code 01060. EC 3/17/2014														
410003	01087		3203735	GD2540980	25400	0000000	0000000	0000000		0.00	117,280.00	-117,280.00	0.00	0.00
AY 2014 - Funds are being recast to fund code 01060. EC 3/17/2014														
Total for Program Parent/Control Point: GD2540000										0.00	205,240.00	-205,240.00	0.00	0.00
410003	01087		3203740	GD3003010	25400	0000000	0000000	0000000		0.00	530,000.00	-530,000.00	0.00	0.00
AY 2014 - Funds are being recast to fund code 01060. EC 3/17/2014														
410003	01087		1714209	GD3006000	25400	0000000	0000000	0000000		0.00	15,000.00	-15,000.00	0.00	0.00
AY 2014 - Funds are being recast to fund code 01060. EC 3/17/2014														
410003	01087		1714217	GD3009000	25400	0000000	0000000	0000000		0.00	175,000.00	-175,000.00	0.00	0.00
AY 2014 - Funds are being recast to fund code 01060. EC 3/17/2014														
410003	01087		3203736	GD3015000	25400	0000000	0000000	0000000		0.00	125,400.00	-125,400.00	0.00	0.00
AY 2014 - Funds are being recast to fund code 01060. EC 3/17/2014														
Total for Program Parent/Control Point: GD3001000										0.00	845,400.00	-845,400.00	0.00	0.00
410003	01087		3203753	GD5001000	25400	0000000	0000000	0000000		0.00	96,756.00	-96,756.00	0.00	0.00
AY 2014 - Funds are being recast to fund code 01060. EC 3/17/2014														
Total for Program Parent/Control Point: GD5001000										0.00	96,756.00	-96,756.00	0.00	0.00
Total for Fund: 01087										0.00	1,147,396.00	-1,147,396.00	0.00	0.00
410003	01088		3184701	HQ1001000	25400	0000000	0000000	0000000		0.00	141,000.00	-141,000.00	0.00	0.00
AY 2014 - Funds are being recast to fund code 01050. EC 3/17/2014														
Total for Program Parent/Control Point: HQ1001000										0.00	141,000.00	-141,000.00	0.00	0.00
Total for Fund: 01088										0.00	141,000.00	-141,000.00	0.00	0.00
410003	01551	NS	2221798	NN9002000	25400	0000000	0000000	0000000		484,154.75	1,109,175.38	-1,109,175.38	0.00	484,154.75
AY 2014 - Recast to a new B&R EC 3/17/2014														
410003	01551	NS	2221799	NN9003000	25400	0000000	0000000	0000000		121,430.79	81,826.91	-81,826.91	0.00	121,430.79
AY 2014 - Recast to a new B&R EC 3/17/2014														
410003	01551	NS	2222100	NN9007010	25400	0000000	0000000	0000000		1,428,028.26	3,122,579.38	-3,122,579.38	0.00	1,428,028.26
AY 2014 - Recast to a new B&R EC 3/17/2014														
410003	01551	NS	2222101	NN9007020	25400	0000000	0000000	0000000		1,566,843.34	3,625,098.39	-3,625,098.39	0.00	1,566,843.34
AY 2014 - Recast to a new B&R EC 3/17/2014														
410003	01551	NS	2221811	NN900W060	25400	0000000	0000000	0000000		125,710.24	143,667.63	-143,667.63	0.00	125,710.24
AY 2014 - Recast to a new B&R EC 3/17/2014														
Total for Program Parent/Control Point: NN9001000										3,726,167.38	8,082,347.69	-8,082,347.69	0.00	3,726,167.38
410003	01551	NS	2222887	NN9202000	25400	0000000	0000000	0000000		0.00	4,268,332.25	8,082,347.69	12,350,679.94	12,350,679.94
Total for Program Parent/Control Point: NN9201010										0.00	4,268,332.25	8,082,347.69	12,350,679.94	12,350,679.94
Total for Fund: 01551										3,726,167.38	12,350,679.94	0.00	12,350,679.94	16,076,847.32
Total for Recipient Code: SR										7,497,480.61	30,487,663.94	0.00	30,487,663.94	37,985,144.55

Financial Plan Number: 9
 Contract Modification Number: 0442
 Rpt Entity: SR Savannah River Nuclear Solutions, LLC

Fiscal Year: 2014
 Fiscal Month: 06

Financial Plan Report - Detail

SR22470 - Savannah River Nuclear Solutions (SRNS)

Site: SR
 Report: REP0001
 Page 3 of 4
 Report Generated on: March 19, 2014 at 04:10:39 PM

Rpt Entity	Fund Code	Leg FT	Program	Legacy B&R	Obj. Class	Local Use	Project	WFO	Legacy Order Number	Beginning Uncosted Obs	BA			Total Available	
											Previous	Change	Revised		
Total for Reporting Entity: 410003											7,497,480.61	30,487,663.94	0.00	30,487,663.94	37,985,144.55
Total for SR22470 - Savannah River Nuclear Solutions (SRNS)											7,497,480.61	30,487,663.94	0.00	30,487,663.94	37,985,144.55

Financial Plan Report - Detail

SR22470 - Savannah River Nuclear Solutions (SRNS)

Report Generated on: March 19, 2014 at 04:10:39 PM

Time-Limited Appropriations Associated with your Contract

Appropriation Symbol*	STARS Fund Code (Legacy FT)	Fund Code Title	Obligation Period	Expired Phase**
89-14-0243	01087	pecialized Security Activities, Non-Program Direction	One year	FY 2015 - 2019
	01088	ther Defense Activities, Non-Program Direction		

* In the appropriation symbol, after the first two digits, the next digits specify the obligation period. For example, 89-12/13-0321 is a two-year time-limited appropriation available for obligation in FY 2012 - FY 2013.

** Funds must be fully costed or deobligated by September 30 in the fiscal year the Expired Phase ends. At this point the appropriation is considered cancelled.

Agency Sub-Report

Agency	Obligation Change Amount
Work for Others Funds Associated with Federal Agencies:	0.00
Total DOE Funds:	0.00
Total Non-Appropriated Funds:	0.00
Grand Total:	0.00

TAS Sub-Report

DOE Funding:

DOE Funding Nets Zero

Reimbursable Funding:

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0443		3. EFFECTIVE DATE 03/20/2014		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE 00901		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		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		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 798861048		FACILITY CODE		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. ☐ 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	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 _____ 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 contract work authorizations listed below:

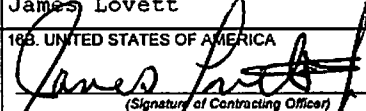
- 1) No. HQTD1004-14, for Improved Vitrification Capacity (See Attachment 1, A)
- 2) No. HQTD1000-14, for Technical Planning, Integration and Risk Management (See Attachment 1, B)

Funds were previously allocated by separate modifications under FINPLAN No. 8, for Fiscal Year 2014 (copies of FINPLANS provided, see Attachment 1-C).

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.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 03/20/2014

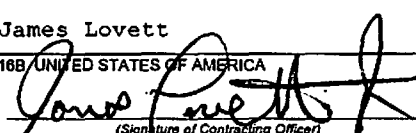
NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0443	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0444		3. EFFECTIVE DATE 03/21/2014		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE 00901		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		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		(X)		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		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 Section I, DEAR 970.5211-1 Work Authorization (May 2007)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 contract work authorizations listed below:					
1) No. HQTD1002-14, for Alternative Waste Pretreatment (See Attachment 1, A) 2) No. HQ1001-14, Rev 3, for Energy Employees Occupational Illness Compensation Program (EEOICPA) (See Attachment 1, B) 3) No. 89X0319-14, Rev 2, for Fuel Cycle Technologies (see Attachment 1-C) 4) No. PC410003-14, Rev 3, for Packaging and Certification and Transportation Operations Support (see Attachment 1-D) 5) No. SL-410003-14, for Solar Energy (see Attachment 1-E) 6) No. HQTD1001-14, Rev 2, for Waste Retrieval and Closure Technologies (See Attachment 1, 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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
		James Lovett			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)	
				16C. DATE SIGNED 03/21/2014	
NSN 7540-01-152-8070 Previous edition unusable		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243			

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0444	PAGE OF 2 2
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NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>F)</p> <p>Funds were previously allocated by separate modifications under FINPLAN No. 8, for Fiscal Year 2014 (copy of FINPLAN provided, see Attachment G).</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2			
2. AMENDMENT/MODIFICATION NO. 0445		3. EFFECTIVE DATE 03/26/2014		4. REQUISITION/PURCHASE REQ. NO. 14EM001423			
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 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.		9B. DATED (SEE ITEM 11)			
CODE 798861048		FACILITY CODE		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							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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:		\$73,564,050.96			
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: center;">CHECK ONE</td> <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. 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 5232-4 Obligation of Funds </td> </tr> </table>						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 5232-4 Obligation of Funds
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 5232-4 Obligation of Funds						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 10. Funds in the amount of \$73,564,050.96 are hereby obligated to CLIN 0001, thereby increasing it from \$5,263,731,462.55 to \$5,337,295,513.51.							
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 \$6,663,459,806.38 to \$6,737,023,857.34.							
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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)					
		James Lovett					
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA			
(Signature of person authorized to sign)				(Signature of Contracting Officer)			
				03/26/2014			
NSN 7540-01-152-8070 Previous edition unusable		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243					

CONTINUATION SHEETREFERENCE NO. OF
DE-AC09-08SR22470/0445

PAGE 2 OF 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1	2
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0446		03/26/2014		14EM001423	
5. PROJECT NO. (If applicable)		6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)	
		CODE 00901		CODE 00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		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)		9A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		9B. DATED (SEE ITEM 11)			
		x			
		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					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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: \$332,117.16			
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	Section I, DEAR 5232-4 Obligation of Funds				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 Commercial), in accordance with SRNS FINPLAN 10. Funds in the amount of \$332,117.16 are hereby obligated to CLIN 0001, thereby increasing it from \$5,337,295,513.51 to \$5,337,627,630.60.					
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 \$6,737,023,857.34 to \$6,737,355,974.50.					
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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
		James Lovett			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
				03/26/2014	
(Signature of person authorized to sign)		(Signature of Contracting Officer)			
NSN 7540-01-152-9070 Previous edition unusable		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243			

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0446	2	2

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0446	2	2

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0446	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0447		03/26/2014		14EM001423	
5. PROJECT NO. (If applicable)		6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)	
		CODE 00901		CODE 00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		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)		9A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		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) Net Decrease: -\$111,612.49

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:
	D. OTHER (Specify type of modification and authority)
X	Section I, DEAR 5232-4 Obligation of Funds

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 correct clerical error on Modification 0446, and de-obligate funds from CLIN 0001. Accordingly, the following applies:


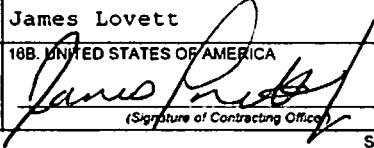
A. Under Modification 0446, paragraph 14(A), the to amount as read "5,337,627,630.60," should read "\$5,337,627,630.67."

B. Funds in the amount of (-\$111,612.49), are de-obligated from CLIN 0001, (Work for Other Federal Agencies), in accordance with SRNS FINPLAN 10, as cited below:

- 1) Department of Defense: -\$1,680.80
- 2) Department of Homeland Security: -\$353,026.31

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
L.C. Clevinger II Manager, Contracts		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
 (Signature of person authorized to sign)	3/27/14	 (Signature of Contracting Officer)	03/27/2014


CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0447PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>3) Department of Justice: -\$125,930.44 4) Department of State: \$24,272.00 5) Other: \$344,753.06</p> <p>Thereby decreasing CLIN 0001 from \$5,337,627,630.67 to \$5,337,516,018.18.</p> <p>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 \$6,737,355,974.50 to \$6,737,244,362.01.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged. FOB: Destination</p>				


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0448		3. EFFECTIVE DATE 03/27/2014		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 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		(x)		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		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 Section I, DEAR 970.5211-1 Work Authorization (May 2007)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 contract work authorizations listed below: 1) No. HQ091101-14, Rev 3, for Advanced Simulation Capability for Environmental Managemnet (See Attachment 1, A) 2) No. KC/SR1/4-14, Rev 2, for Basic Energy Sciences - Energy Frontier Research Centers (See Attachment 1, B) 3) No. KP/W/SR1/4-14, Rev 2, for Biological and Environmental Research (see Attachment 1-C) 4) No. IN14013-14, Rev 3, for Energy and Threat (see Attachment 1-D) 5) No. IN14025-14, Rev 1, for Energy and Threat (see Attachment 1-E) 6) No. IN14035-14, Rev 3, for Energy and Threat (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, 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 (Signature of person authorized to sign)		15C. DATE SIGNED		18B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
				18C. DATE SIGNED 03/27/2014	
NSN 7540-01-152-8070 Previous edition unusable			STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243		

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0448	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>7) No. SRO91701-14, Rev 3, for In situ Decommissioning Technology Development and Demonstration (see Attachment 1-G)</p> <p>Funds were previously allocated by separate modifications under FINPLAN No. 10, for Fiscal Year 2014 (copy of FINPLAN provided, see Attachment H).</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0449		04/02/2014			
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
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 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)				8A. AMENDMENT OF SOLICITATION NO.	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421				(x)	
				8B. DATED (SEE ITEM 11)	
				x	
				10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470	
				10B. DATED (SEE ITEM 13) 01/10/2008	
CODE 798861048		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 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 5232-4 Obligation of Funds					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 correct reporting errors for USA Spending to STARS for FY 2014, Non-appropriated fund expenditures. The modifications and amounts are listed below:					
1) Mod 0415, under SRNS FINPLAN #3: \$65,788.87					
2) Mod 0419, under SRNS FINPLAN #4: \$242,251.53					
3) Mod 0425, under SRNS FINPLAN #5: \$84,667.04					
4) Mod 0433, under SRNS FINPLAN #6: \$286,175.24					
5) Mod 0440, under SRNS FINPLAN #8: (-\$17,186.56)					
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 8A 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		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)	
				16C. DATE SIGNED 04/02/2014	


CONTINUATION SHEET

REFERENCE NO. C DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0449PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	NOTE: Administrative Change Only for Reporting of FPDS from STARS to USA Spending (Internal Change Only, Contractor Not affected by Correction). A corrected FPDS will be processed for each modification.				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0450		3. EFFECTIVE DATE 04/08/2014		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		CODE 00901		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		CODE 00901	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVERING 203 LAURENS ST SW AIKEN SC 298012421				(x) 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		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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	D. OTHER (Specify type of modification and authority) Section I, DEAR 970.5211-1 Work Authorization (May 2007)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 contract work authorizations listed below:							
1) No. HQTD1002-14, Rev 1, for Alternative Waste Pretreatment (See Attachment 1, A)							
2) No. HQ1001-14, Rev 4, for Energy Employees Occupational Illness Compensation Program (EEOICPA) (See Attachment 1, B)							
3) No. 89X0319-14, Rev 3, for Fuel Cycle Technologies (see Attachment 1-C)							
4) No. HI-410003-14, Rev 4, for Fuel Cell Technologies Office (See Attachment 1, D)							
5) No. HQTD1005-14, Rev 3, for Increased Wasted Loading (See Attachment 1, E)							
6) No. PC410003-14, Rev 4, for Packaging and Certification and Transportation Operations Support (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, 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)			
				James Lovett			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)						04/08/2014	
				(Signature of Contracting Officer)			
NSN 7540-01-152-8070 Previous edition unusable				STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243			

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0450	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>7) No. HQTD1000-14, Rev 1, for Technical Planning, Integration and Risk Management (see Attachment 1-G)</p> <p>8) No. HQTD1001-14, Rev 3, for Waste Retrieval and Closure Technologies (See Attachment 1-H)</p> <p>9) No. WW-410003-14, Rev 2, for Wind and Hydropower Tech Program (See Attachment 1, I)</p> <p>Funds were previously allocated by separate modifications under FINPLAN No. 10, for Fiscal Year 2014 (copy of FINPLAN provided, see Attachment J).</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 1	
2. AMENDMENT/MODIFICATION NO. 0451		3. EFFECTIVE DATE 04/16/2014		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE 00901		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		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		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 798861048		FACILITY CODE		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. ☐ 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	D. OTHER (Specify type of modification and authority) Clause H-28, Performance-Based Incentives

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 Performance Evaluation Measurement Plan (PEMP), Revision 3, for the period October 1, 2013 through September 30, 2014. Previous edition of the FY 2014 PEMP is hereby superseded and replaced with Revision 3, effective April 16, 2014, copy attached hereto.

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) Marie A. Garvin	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 04/16/2014



**U.S. Department of Energy
Savannah River Site**

**PERFORMANCE EVALUATION
MEASUREMENT PLAN**

**Savannah River Nuclear Solutions, LLC
CONTRACT NO. DE-AC09-08SR22470
Modification No. 451**

Evaluation Period:

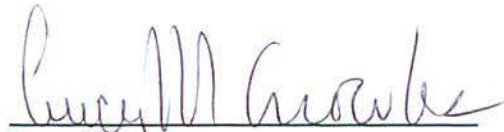
October 1, 2013 through September 30, 2014

Rev. 3 effective: April 16, 2014

Approval Page

Concurrence:

Date:



Lucy Knowles
Chief Counsel, Office of Chief Counsel

4-16-2014



Jeffrey C. Armstrong
Director, Office of Acquisition Management

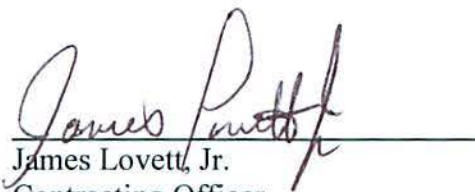
4-16-2014



Douglas E. Hintze
Assistant Manager for Mission Support

09 Apr 2014

Approval:



James Lovett, Jr.
Contracting Officer
Contracts Management Division

4-16-2014

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Revision Summary Log

Rev. #	Rev. Date	Affected Sections / Pages	Description of Revision
0	10/01/13	All	Initial Issue for this evaluation period
1	10/24/13	Page 21, changed incentive summary table to reflect switch of fee from NMS to LS.	Nuclear Material Stabilization: \$8,900,000 \$8,800,000 Landlord Services: \$6,160,000 \$6,260,000
1	10/24/13	Page 22, changed allocated fee for EMO PBI.	Allocated Fee: \$8,900,000 \$8,800,000
1	10/24/13	Page 23, changed completion criteria for milestone SRNS2014EMO-1.01.	Completion Criteria: Ship one LEU trailer offsite to Areva for TVA contract.
1	10/24/13	Page 25, changed completion criteria for milestone SRNS2014EMO-2.01.	Completion Criteria: Prepare, and receive, and store containers of surplus plutonium and uranium from LANL off-site items in K Area in accordance with the schedule maintained by DOE-SR.
1	10/24/13	Page 26, changed completion criteria for milestone SRNS2014EMO-2.06.	Completion Criteria: K Area will perform 20 Pu measurements on 20 different cans.
1	10/24/13	Page 26, changed completion criteria for milestone SRNS2014EMO-2.08.	Completion Criteria: Complete FSV +34 or the +48 roof replacement. Replace the Final Storage Vault roof at either the +34 or the +48 level depending on roofer's evaluation.
1	10/24/13	Page 27, changed completion criteria for milestone SRNS2014EMO-3.02.	Completion Criteria: a. Determine feasibility to reduce to a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel. Assumes DNFSB concurrence with proposal. b. If the feasibility study supports reducing to a single exhaust as well as a single generator, and DNFSB supports this concept, Issue design to support a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel.
1	10/24/13	Page 27, changed completion criteria for milestone SRNS2014EMO-3.03.	Completion Criteria: Determine the feasibility of study to stopping water intrusion to 221-F RR Tunnel and 800 Underground Cell.
1	10/24/13	Page 27, deleted milestone SRNS2014EMO-3.04.	Date: 12/30/13 Fee: \$100,000 Completion Criteria: Submit DSA/TSR for F/H laboratory based on leak path factor evaluation. Acceptance Criteria: DOE-SR will review the SRNS approved DSA/TSR for the F/H lab based on leak path factor evaluation.
1	10/24/13	Page 43, changed completion criteria for milestone SRNS2014SRNL-2.02.	Completion Criteria: a. Continue work on "strategic" tasks for ORP initiated in FY13—including options for dealing with Tc, waste qualification strategies, process scenario evaluations, and glass formulation approaches. This effort could move into leading and executing Grand Challenges in support of the high-level waste processing system at Hanford. Develop program execution plans for Grand Challenge efforts in support of high level waste processing at the Hanford site. Complete first phase of experimentation as part of these programs. Participate on the Hanford Tank Waste Disposition Integrated Flowsheet development team. Perform flowsheet evaluations and provide definition of key interfaces and waste acceptance criteria. b. Perform work for Hanford Contractors including WRPS and WTP. Potential scope areas include continuing work on Caststone, Tc removal options, development of waste qualification equipment and approaches.

			<ul style="list-style-type: none"> - Complete full scale mixer testing in support of Caststone work - Complete experimentation on Tc removal options selected during downselection - Develop conceptual design and fabricate test equipment in support of the waste qualification effort <p>c. Continue leadership of the National Laboratory Technical Authority Team in support of the WTP Full Scale Vessel Qualification Testing Program.</p> <ul style="list-style-type: none"> - Define and qualify the instrumentation to be used during the full scale demonstration effort. Develop the simulant to be used during this instrument qualification and the first phase of testing
1	10/24/13	Page 44, changed completion criteria for milestone SRNS2014SRNL-2.03.	<p>Completion Criteria: Provide technology development for EM-20. This is important to establishing SRNL as the EM National Laboratory. These efforts could include:</p> <ul style="list-style-type: none"> a. Develop and issue the next generation performance models and complete oxidation front experimentation studies in support of the Cementitious Barriers Partnership. b. Issue technical report/journal article on the next phase of Long term glass corrosion modeling work studies. c. Potential work in separations areas.
1	10/24/13	Pages 44 and 45, changed completion criteria for milestone SRNS2014SRNL-3.01.	<p>Completion Criteria : Provide technical support for SRNS Environmental Compliance & 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: MAPSL SVE Investigation for Vadose Zone CAP, MetLab BaroBall Wells Investigation for Vadose Zone CAP, Southern Sector Aerobic Stimulation Bench Test, Sampling and Analysis Supporting TNX Edible Oil Treatability Study, PAGW OU Characterization, and Timely GC Analysis of Soil Gas, Soil, and Groundwater Samples from EC & ACP. that may include the following:</p> <ul style="list-style-type: none"> a. Provide technical support and report development to Environmental Compliance & Area Completion Projects (EC&ACP) in meeting regulatory milestones and deliverables (e.g., finalize 5-year ROD review deliverable; complete an H-tank Farm Groundwater Monitoring Plan and Sampling and Analysis Plan; complete an F-Tank Farm Groundwater Sampling and Analysis Plan; develop a Five-Year Remedy Review); b. Continue development and transition to passive environmental technologies and approaches for EC&ACP waste site remediation (e.g., T-Area); e. Continue support for operating systems and final closure of groundwater and vadose units (e.g., field sampling and analytical support for EC&ACP technology demonstrations and performance analysis for SVE operating treatment systems);
1	10/24/13	Page 52, changed completion criteria for milestone SRNS2014SRNL-7.03.	<p>Completion Criteria: As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, reduce deferred</p>

			<p>maintenance backlog by effective management of Construction Maintenance orders (CMO) and Major Maintenance scopes and effective execution of IGPP projects. Complete candidate IGPP capital projects that support restoration and sustainment of facility infrastructure as defined in the approved FY14 SVS Implementation Plan. Complete Construction Maintenance Orders and major maintenance scopes as defined in the approved FY14 SVS Implementation Plan.</p>
1	10/24/13	Page 52, changed completion criteria for milestone SRNS2014SRNL-7.04.	<p>Completion Criteria: As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR-OLO and SRNL, effectively manage the implementation of the SRNL Infrastructure Plan to minimize operational cost. Implement the SRNL Infrastructure Plan to reduce operational cost by facility and scientific instrument renewal as well as an improved Asset Condition Index as defined in the approved FY14 SVS Implementation Plan.</p>
1	10/24/13	Page 54, changed allocated fee for LS PBI.	<p>Allocated Fee: \$1,410,000 \$1,510,000</p>
1	10/24/13	Page 57, changed completion criteria for milestone SRNS2014LS-3.01	<p>Completion Criteria: Provide liaison support for a successful transition of the privatization of Outsource the SRNS ESS Facilities Maintenance and ensure success by providing business and technical leadership.</p>
1	10/24/13	Page 59, added milestone SRNS2014LS-5.02	<p>Date: 9/30/13 Fee: \$100,000 Completion Criteria:</p> <ul style="list-style-type: none"> Evaluate the Critical Infrastructure Integrated Priority List (CIPL) process and further improve the data content for better use as a tool for funding allocation. Evaluate and report CIPL effectiveness through an analysis of the disposition of CIPL projects from the prior 3 years. <p>Acceptance Criteria: DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:</p> <ul style="list-style-type: none"> Evaluate CIPL documentation. Review the updated CIPL quarterly or as-needed. Evaluate data improvements. Evaluate CIPL effectiveness report.
1	10/24/13	Pages 63 and 64, changed Contract Performance Outcome for PBI SRNS2014SUBJ.	<p>Contract Performance Outcome:</p> <p>Nuclear Materials Management</p> <p>The Contractor shall safely and effectively manage nuclear materials and facilities in accordance with applicable DOE Directives and requirements. Management of nuclear materials at SRS includes storage, operations and disposition.</p> <p>Solid Waste</p> <p>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.</p>

			<p>Soil and Water Remediation</p> <p>The Contractor shall plan and safely execute a program that meets all regulatory commitments reflected in the SRS 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.</p> <p>Savannah River National laboratory (SRNL)</p> <p>SRNL's three-fold mission is to enable the success of SRS 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.</p> <p>Sitewide ES&H Program</p> <p>The Contractor shall conduct a comprehensive ES&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 and the environment in all activities for which it has contractual responsibilities.</p>
1	10/24/13	Page 67, changed fee statement for PBI SRNS2014SUBJ.	Up to \$2,640,000 \$5,000,000 of the allocated fee will be paid for this Contract Output.
2	12/30/13	Pages 68 through 76, added the NNSA PEP.	See PEP, beginning on page 68.
3	4/xx/14	Page 24, replaced member of Fee Board chart.	SMITH, T. Zaek SPEARS, Terrel. Acting
3	4/xx/14	Page 24, deleted member of Fee Board chart, to be determined.	HOOKE, Karen MCGUIRE, Patrick
3	4/xx/14	Page 25, replaced member of Fee Board chart.	PENNINGTON, Michele GREGORY, Johnna
3	4/xx/14	Page 28-29 changed the Description/Background/Justification and fee statement for PBI SRNS2014EMO-01	<p>Description/Background/Justification: Activities associated with the contract outputs support receipt and disposition of vulnerable used nuclear fuels (UNF), FRR/DRR (when authorized), 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 SRS facilities to disposition surplus nuclear materials.</p> <p>Up to \$3,900,000 \$4,300,000 of the allocated fee will be paid for this Contract Output.</p>
3	4/xx/14	Page 29, changed the date, contract output completion, and acceptance criteria for milestone SRNS2014EMO-1.02	<p>Date: 6/30/14 9/12/14 9/30/14 Contract Output Completion Criteria: a. Complete SRE charging and dissolution. b. Transfer 2 dissolver batches of SRE to a sludge Batch 9. Acceptance Criteria: DOE-SR will review H Canyon procedures or engineering memo documenting completion of charging, dissolution and sludge batch transfer. GFSI-SRR provides window by 7/1/14.</p>
3	4/xx/14	Page 29, changed the fee and contract output completion criteria for milestone	Fee: \$500,000 \$250,000 ; \$125,000 fee paid 1st and 2nd each quarters.

		SRNS2014EMO-1.03	Contract Output Completion Criteria: Charge two bundles of UNF or Pu to the H Canyon dissolver or probe the dissolver twice per shift crew per-in quarters 1 and 2 to maintain proficiency.
3	4/xx/14	Page 29, changed the contract output completion criteria for milestone SRNS2014EMO-1.04	Contract Output Completion Criteria: Perform 1 st or 2 nd Canyon Cold Run, DCS Simulator Cold Run or actual hot ops to address equipment operability and maintain operator proficiency. (Due to Liquid Waste Min., only two 1st Cycle and two 2nd Cycle Cold Runs per year.
3	4/xx/14	Page 30 changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-1.07	<p>Date: 3/31/14 4/30/14 (a and b) 9/30/14 (c, d and e) Fee: a.\$150,000, b.\$150,000, c.\$150,000, d.\$150,000, e.\$150,000</p> <p>Contract Output Completion Criteria:</p> <ol style="list-style-type: none"> Implement Waste Min. action to revise the sump flush program to track transfers. Implement Waste Min. action to recycle HB-Line column waste for use in 6.4D discontinue use of scrubber jumper on Hot Canyon neutralization tanks. Implement Develop Waste Min. action to improve neutralization formula for WAC implementation optimize recycle HB-Line column raffinate or use in 6.4D so it is ready to implement. Implement Waste Min. action to refine LAW operation and acid-stripping process. process Replace reboiler vessel of Acid Recovery Unit. Load two burial boxes with failed equipment from the warm canyon and ship to E Area. <p>Acceptance Criteria: DOE-SR will review the implemented Liquid Waste Minimization actions by procedure or document review and ensure actions are consistent with the Nuclear Materials System Plan: a) Review Sump Flush procedures and confirm procedures are in accordance with the NCSE; b) Review of neutralization procedures; c) Review HB-Line Raffinate Reuse Evaluation; d) Walkdown and/or review construction work packages; e) Review characterization forms for loaded burial boxes.</p>
3	4/xx/14	Page 30-31, changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-1.08	<p>Date: 9/30/14 6/30/14 9/30/14 7/7/14 Fee: a.\$550,000, \$145,000 b. \$200,000 c. \$505,000</p> <p>Contract Output Completion Criteria:</p> <ol style="list-style-type: none"> Complete HFIR planning preps Submit SRNS modified and approved OSA-7 and complete the analytical work to develop proposed HFIR Criticality Safety Limits associated with receipt and dissolving of HFIR material, with the exception of the H Canyon NCSE/DSA revision, flowsheet, hydrogen generation study, dissolver insert and storage rack design, fabrication, and installation that may not be completed if funding/staffing is limited. Perform evaluation of attractiveness level "C" Complete dissolving operations preps and initiate MTR campaign by dissolving one UNF charge, material for H Canyon dissolution. Complete ventilation tunnel inspection with crawler, reduced by \$25K for each week after 7/7/14. No fee after 9/1/14. <p>Acceptance Criteria: DOE-SR will a) review the completed HFIR planning preps SRNS modified and approved OSA-7 for HFIR (prepared in accordance with 10 CFR 830 and DOE Order 460.1C) and HFIR Criticality Safety Limits (prepared in accordance with DOE-STD-3007-2007). the completed evaluation of attractiveness level "C" UNF material; b) Verify the bundles have been dissolved as determined by probing</p>

			the bundles have been dissolved as determined by probing (procedure review). c) Review video from crawler inspection or view real time and ensure accessible/desired areas were inspected.
3	4/xx/14	Page 31, changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-1.09	<p>Date: 9/30/14 6/30/14 9/30/14 Fee: a. \$250,000, b. \$100,000 Contract Output Completion Criteria: Complete Canadian Liquid unloading and piping Design. a. SRNS submit the Canadian Liquid Receipts conceptual design package in support of a DOE-SR CD#1. b. SRNS submit revised and approved H-Canyon Double Contingency Analysis (DCA) to include <i>Canadian Liquids</i>. Acceptance Criteria: DOE-SR will a) review Canadian HEU Liquid unloading and piping design documents: Liquid Receipts conceptual design package in support of a DOE-SR CD#1 (prepared in accordance with DOE Order 413.3; design requirements and inputs per SRNS-U1000-2014-00030, dated 2/11/14 and per guidance provided by letter from McGuire to Hunt/Girard dated 2/25/14). b) review SRNS approved, revised H Canyon DCA that includes Canadian Liquids (prepared in accordance with DOE-STD-3007-2007 and applicable ANSI/ANS standards).</p>
3	4/xx/14	Page 31, changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-1.10	<p>Date: 3/31/14 9/30/14 Fee: \$150,000, \$300,000 Contract Output Completion Criteria: Implement all actions needed to resume WIPP blending. Complete PVV filter (5.7F) 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). Acceptance Criteria: DOE-SR will review procedures and documents to verify ready to resume WIPP blending. 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).</p>
3	4/xx/14	Page 32, changed the fee statement for PBI SRNS2014EMO-02	Up to \$2,000,000 \$1,550,000 of the allocated fee will be paid for this Contract Output.
3	4/xx/14	Page 32, changed the acceptance criteria for milestone SRNS2014EMO-2.03	Acceptance Criteria: DOE-SR will review the SRNS approved DSA/TSR supporting FSV FSV (prepared in accordance with 10 CFR 830).
3	4/xx/14	Page 32, changed the acceptance criteria for milestone SRNS2014EMO-2.04	Acceptance Criteria: DOE-SR will review the completed FSV construction project documents and ensure the project is progressing toward a 12/31/14 project completion date and within a \$27.2M base project TPC (\$11.5M FSV scope + \$15.7M original scope) as established in BCP SRNS13M0042 R1.
3	4/xx/14	Page 33, changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-2.05	<p>Date: 3/31/14 9/30/14 Fee: \$500,000, \$50,000 Contract Output Completion Criteria: Complete Readiness Assessment on DSA Rev. 10/TSR Rev. 41 to expand K-Area capabilities. In preparation for future Pu disposition operations in K-Area, qualify 1 additional FLM as a DE Handling Supervisor and 3 additional production operators as NDE or DE Handling Operators. Acceptance Criteria: DOE-SR will review FLM and operators qualifications to verify individual certifications. observe RA activities as desired and review the RA declaration of readiness.</p>
3.	4/xx/14	Page 33, changed contract output completion criteria for milestone	<p>Contract Output Completion Criteria: Replace the Final Storage Vault roof at either the +34 (Final</p>

		SRNS2014EMO-2.05	Storage Vault) or the +48 level depending on roofer's evaluation.
3	4/xx/14	Page 33, changed the fee statement for PBI SRNS2014EMO-03	Up to \$900,000 \$800,000 of the allocated fee will be paid for this Contract Output.
3	4/xx/14	Page 34, changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-3.02	<p>Date: 6/30/14 9/30/14</p> <p>Fee: a. \$50,000, b. \$50,000 \$100,000</p> <p>Contract Output Completion Criteria:</p> <p>a. Determine feasibility to reduce to a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel.</p> <p>b. If the feasibility study supports reducing to a single exhaust as well as a single generator, and DNF-SB supports this concept, issue design to support a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel. SRNS is to perform the canyon ventilation test to validate the end state recommendations of using a single 292-F exhaust fan.</p> <p>Acceptance Criteria: DOE-SR will review the canyon ventilation test report. SRNS approved feasibility study for a single 292-F exhaust fan supported by a single 254-13F "SS" diesel generator and the design to support the implementation.</p>
3	4/xx/14	Page 34-35, changed the fee and contract output completion criteria for milestone SRNS2014EMO-3.05	<p>Fee: \$650,000 \$550,000; paid at completion of each action item as noted.</p> <p>Contract Output Completion Criteria:</p> <p>SRNS will complete the following 235-F Risk Reduction Actions and provide to DOE for review, approximately 30 days before the DOE IP commitment date as noted in the "Date" column:</p> <ol style="list-style-type: none"> Deliver the Graded EP Drill Report (Action 3-4). (\$50,000) Complete a Readiness Assessment for the Deactivation BIO and submit RA Report (Action 1-4). (\$100,000) Complete removal, isolation, or encapsulation of Fixed Combustibles and provide a final report to DOE (Action 2a-3). (\$150,000) Complete Electrical De-energization scope and provide a final report to DOE (Action 2b-2). (\$150,000) Complete installation and acceptance of the FDAS and provide a final report to DOE (Action 2c-3). (\$150,000) (\$200,000). Complete planned cell infrastructure tasks and report completion (Action 1-3). (\$50,000)
3	4/xx/14	Page 35, changed the Description/Background/Justification and fee statement for PBI SRNS2014EMO-04	<p>Description/Background/Justification:</p> <p>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 Augmenting Monitoring and Condition Assessment Program (AMCAP) support to maintain the facilities in a safe and operable condition.</p> <p>Up to \$2,000,000 \$2,150,000 of the allocated fee will be paid for this Contract Output.</p>
3	4/xx/14	Page 35-36, changed the fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-4.02	<p>Fee: \$500,000 \$100,000</p> <p>Contract Output Completion Criteria:</p> <p>Complete UNF Preps for HFIR readiness with the exception of the L-Area DSA, OSA-7 and the new cask insert (if required) which are dependent on funding and staffing. Submit SRNS approved DSA, DCA, NCSE, NSDS, and 302 Manual documents to support HFIR onsite shipment activities and perform modifications to cask CD3 for insert fit-up.</p> <p>Acceptance Criteria: DOE-SR will review the HFIR planning preps were completed with the exception of the L-Area DSA, OSA-7 and new cask insert (if required); and validate completion of the SRNS approved DSA, DCA, NCSE, NSDS</p>

			and 302 Manual (prepared in accordance with DOE-STD-3007-2007, applicable ANSI/ANS standards and 10 CFR 830) and review cask modification work packages.
3	4/xx/14	Page 36, changed the fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-4.03	Fee: \$500,000 \$400,000 Contract Output Completion Criteria: Complete the vacuuming removal for removal of “cob webs” from the top of the fuel bundles from the basin and resurvey the basin per G-ESR-L-00014 . Acceptance Criteria: DOE-SR will observe the basin vacuuming activities or observe the basin following the completion of effective actions to remove the “cob webs” from the top of the fuel and review SRNS G-ESR-L-00014 .
3	4/xx/14	Page 36, changed the fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-4.04	Fee: \$500,000 \$250,000 Contract Output Completion Criteria: Complete NRU/NRX interim schedule milestone. Complete the Startup turnover of the Unloading Station to Operations. Acceptance Criteria: DOE-SR will validate that the activity STR114 is complete by review of the completed work package(s). Startup testing is dependent on AECL delivery of components required during testing (IP-2 Container, 3 different basket types, caddies, dummies, etc.) represented by ID#AECL002. NRU/NRX interim milestone was completed on schedule.
3	4/xx/14	Page 36, added milestone SRNS2014EMO-4.05	Number: SRNS2014EMO-4.05 Date: 7/31/14 Fee: \$200,000 Contract Output Completion Criteria: Submit SRNS approved Basin Mod DSA/TSR. Acceptance Criteria: DOE-SR will review the SRNS approved DSA and TSR and validate that the changes necessary to perform Basin Mods have been incorporated into the documents (developed in accordance with DOE G 421.1-2 and 421.1-1).
3	4/xx/14	Page 36, added milestone SRNS2014EMO-4.06	Number: SRNS2014EMO-4.06 Date: 9/30/14 Fee: \$250,000 Contract Output Completion Criteria: D&R the STS system in support of the basin modification project. Acceptance Criteria: DOE-SR will validate that D&R of the STS system has been field complete by review of completed work packages and with walk-throughs.
3	4/xx/14	Page 36, added milestone SRNS2014EMO-4.07	Number: SRNS2014EMO-4.07 Date: 9/30/14 Fee: \$250,000 Contract Output Completion Criteria: Galvanic Corrosion –Complete galvanic isolation of at least one bucket. 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.
3	4/xx/14	Page 37, added milestone SRNS2014EMO-4.08	Number: SRNS2014EMO-4.08 Date: 9/30/14 Fee: \$50,000 Contract Output Completion Criteria: Perform initial 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). Acceptance Criteria: DOE-SR will validate that the AMCAP

			IRC has reviewed and approved the ranking and prioritization results produced by the AMCAP Team.
3	4/xx/14	Page 37, added milestone SRNS2014EMO-4.09	<p>Number: SRNS2014EMO-4.09 Date: 9/30/14 Fee: \$100,000 Contract Output Completion Criteria: SRNS to remove debris, failed equipment and/or items preventing retrieval of the foil press and shear from the Basin. Acceptance Criteria: DOE-SR will validate that the items have been removed from the Basin/Facility by visual examination.</p>
3	4/xx/14	Page 37, added milestone SRNS2014EMO-4.10	<p>Number: SRNS2014EMO-4.10 Date: 9/30/14 Fee: \$50,000 Contract Output Completion Criteria: Complete ranking and prioritization of isolated and non-AL failed fuel containers based on vulnerability for extended wet storage as approved by the AMCAP IRC. Acceptance Criteria: DOE-SR will validate that the AMCAP IRC has reviewed and approved the ranking and prioritization results produced by the AMCAP Team.</p>
3	4/xx/14	Page 61, deleted Senior level supervisor/division manager for SRNS2014LS.	Senior level supervisor/division manager Nick-Delaplane
3	4/xx/14	Page 61, deleted Contract Output & Description/Background for milestone SRNS2014LS-1.01 a, b, and c	<p>Contract Output: The Contractor shall meet all SRNS agreed upon scheduled milestones to plan & execute development of SRS Sustainability initiatives and High Performance Sustainable Buildings (HPSB) program objectives to meet scheduled site sustainability goals. Description/Background: DOE has approved a Complex-wide Strategic Sustainability Performance Plan. This plan addresses such topics as greenhouse gas emission reductions, High Performance Sustainable Buildings (HPSB), water use, and pollution prevention/waste elimination. DOE sites have been tasked to make progress toward goals established for 2015 and 2020. The benchmark for the HPSB 15% reduction is defined in Executive Order (E.O.) 13514 section 2(g). Up to \$100,000 of the allocated fee will be paid for this Contract Output.</p>
3	4/xx/14	Page 61-62, deleted milestone SRNS2014LS-1.01 a, b, and c	<p>Number: SRNS2014LS-1.01 Date: 12/31/13, 1/31/14, 9/30/14 Fee: \$100,000 — fee is earned by meeting all milestones. Contract Output Completion Criteria: a. Develop the FY14 Site Sustainability Plan for the Savannah River Site in accordance with the DOE-HQ annual guidance document by 12/31/13. b. Prepare the SRS Consolidated Energy Data Report (CEDR) in accordance with annual DOE-HQ guidance documentation by 1/31/14. c. Continue development of High Performance Sustainable Buildings (HPSB) Program objectives by completing the following activities: <ul style="list-style-type: none"> Conduct lighting-specific walkdowns of facilities, to determine how to comply with the automated lighting controls objective associated required by the HPSB Guiding Principles and develop layouts summarizing how compliance will be achieved. Determine FY15 funding requirement to complete objective. Complete metering objective by installation of meter and establishing monthly meter readings for all </p>

			<p>facilities in HPSB scope:</p> <ul style="list-style-type: none"> • Update EPA Portfolio Manager database as needed to show status of HPSB objectives for all buildings <p>Acceptance Criteria: DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:</p> <p>a. Evaluate the FY14 SRS Annual Sustainability Plan and transmit the Plan to DOE-HQ for use in the DOE agency-wide Strategic Sustainability Performance Plan.</p> <p>b. Evaluate the FY14 SRS Consolidated Energy Data Report and transmit the Report to DOE-HQ for use in DOE agency-wide data collection.</p> <p>c. Evaluate documentation associated with the High Performance Sustainable Buildings Program including review of layouts that summarize compliance to program objectives and FY15 funding requirements.</p>
3	4/xx/14	Page 65, added milestone SRNS2014LS-4.03	<p>Number: SRNS2014LS-01 Date: 9/30/14 Fee: \$100,000</p> <p>Contract Output Completion Criteria: For Site Services, demonstrate a rigorous process is in place and utilized for the execution of preventive maintenance (PM) field work. To maximize efficiency and effectiveness of the PM process, establish a central support services work planning process and develop and initiate implementation of an integrated schedule for PM execution that is in alignment with operating mission needs.</p> <p>Acceptance Criteria: DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:</p> <ul style="list-style-type: none"> - Assess the planning center effectiveness through review and validation of planning center effectiveness metrics. - Evaluate the integrated schedule effectiveness via schedule completion metrics. - Evaluate PM completion status vs PM baseline plan.

1. Purpose

This document serves as the Performance Evaluation Measurement Plan (PEMP) for fiscal year 2014 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 (SRNS) LLC, approved January 10, 2008.

Incentives are developed annually by DOE 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 as Attachment E.

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 Savannah River Site 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, DOE strategic goals and program objectives. Incentives and their associated fee demonstrate direct flow down of DOE 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 contract fee is split between EM and NNSA and the ratio is approximately a 55/45 split, making the EM fee \$25M annually. 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 occur to the PEMP in the last 60 days of the evaluation period, unless with bilateral agreement between the CO and the contractor.

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 SRS 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) [SRS 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 is used to measure site level incentive outcomes and acceptance documentation. A PID includes: A Performance Outcome statement, Contract Output performance statements, metrics, Completion Criteria, and Acceptance (documentation) 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 I.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 Board¹/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 determinations, 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.

¹ Federal Acquisition Regulation (FAR) Subpart 16.401 requires an Award-Fee Board for conducting the award-fee evaluation.

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 reclama, 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.

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 PID. 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

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*.

Attachment A, Integrated Project Team (IPT) Charter

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 SRSO 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.

NAME	FUNCTION	ORGANIZATION
MOODY, Dave	IPT Member [ex officio] DOE Fee Determining Official [FDO]	DOE-SR Site Manager
SMITH, T. Zaek SPEARS, Terrel, Acting	IPT Executive Sponsor/Co-Fee Board Lead	DOE-SR Deputy Manager
HINTZE, Doug	IPT/Co-Fee Board Lead/Performance Incentive Manager	Assistant Manager for Mission Support (AMMS)
MCGUIRE, Pat	IPT/ Performance Incentive Manager	Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)
SPEARS, Terry	IPT /Performance Incentive Manager	Assistant Manager for Waste Disposition Project (AMWDP)
ADAMS, Angelia	IPT/ Performance Incentive Manager	Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)(acting)
HOOKER, Karen MCGUIRE, Pat	IPT/ Performance Incentive Manager	Director, Office of Laboratory Oversight (OLO)
DEAROLPH, Douglas	IPT/Fee Board Member/Performance Incentive Manager	Manager NNSA SRSO

CLARK, William	IPT/ Performance Incentive Manager	Manager NNSA NA-262
LOVETT, James	IPT Member [ex officio] Fee Board Member	Contracting Officer M&O Contract
DAVIS, Peggy	IPT Member	Vice President SRNS Support Services
TEMPLE, John	IPT Member	Director SRNS Contracts Management
CHRISTIAN, John	DOE IPT Technical Lead	Program Analyst for Mission Planning Division
PENNINGTON, Michele GREGORY, Johnna	SRNS IPT Technical Lead	SRNS Contracts Management

Attachment B, Fee Allocation Model

Funding Assumptions for Fee Allocation

Funding for fiscal year 2014 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 is directly funded (direct). Scope cost for support activities funded indirectly by placing a tax on individual funds. See table below for FY14 estimated funding:

Est. Funding	Funding Source:
\$254,992,000	PBS 11C
43,130,000	PBS 12
50,137,000	PBS 13
51,809,000	PBS 30
23,339,000	PBS 20 (EM Safeguards & Security)
\$423,407,000	Total EM Funding
101,528,000	Nuclear Nonproliferation Funding
239,460,000	Defense Programs Funding
12,868,000	NNSA Safeguards & Security
\$777,263,000	Total Projected Funding without Minors and WFO [NOTE: This does not include ESS/Legacy pension support to SRR (PBS 14C)]

The M&O contract identifies \$46,535,000 available fee for the contract period (October 2013 through September 2014). When the fee is subtracted from the Total Projected Funding, the fee base in entire fiscal year 2014 becomes \$730,728,000.

For fiscal year 2014, EM provides 55 percent of the Total Projected Funding, while NNSA provides 45 percent. This percentage is used to allocate the contract fee between EM and NNSA. For fiscal year 2014, EM will manage \$25M of fee applied to incentive work for the evaluation period. NNSA will manage \$21M 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 2014, 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:

PBS	President's Budget	Fee Distribution
PBS 11C	\$254,992,000	\$15,267,000
PBS 12	\$43,130,000	\$2,582,000
PBS 13	\$50,137,000	\$3,002,000
PBS 30	\$51,809,000	\$3,102,000
PBS 20	\$23,339,000	\$1,397,000
EM Funding / Fee	\$423,407,000	\$25,350,000

The following is the DOE-SR EM suggested incentives summary by program for the fiscal year 2014 performance period:

Program	Objective	Subjective	Total
Nuclear Material Stabilization (AMNMSP)	\$8,800,000		\$8,800,000
Environmental Stewardship (AMIES)	\$3,490,000		\$3,490,000
Waste Disposition (AMWPD)	\$1,800,000		\$1,800,000
Landlord Services (Includes: SRNL, Planning, Infrastructure, Landlord Services, Safety, Safeguards & Security, ESSH)	\$6,260,000	\$5,000,000	\$11,260,000
Total	\$20,350,000	\$5,000,000	\$25,350,000

Attachment C, EM Performance Incentive Documents for fiscal year 2014



Performance Incentive Document

PID Number:	SRNS2014EMO	
Activity Name:	Environmental Management Operations	
WBS Number:	1.29.20.04, 1.29.20.05	
Performance Period:	October 1, 2013 - September 30, 2014	
Allocated Fee:	\$8,800,000	
Revision Number:	42	
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.		
<u>Contract Output SRNS2014EMO-01:</u> 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 (when authorized), 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 SRS facilities to disposition surplus nuclear materials.

Up to ~~\$3,900,000~~ **\$4,300,000** of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.01	9/30/14	\$200,000	Ship one LEU trailer to Areva for TVA contract.
Acceptance Criteria			
DOE-SR will validate the LEU shipment via the MC&A Form 741 transfer documentation for the one LEU shipment. GFSI: Vendor must be ready to receive trailers by 7/1/14.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.02	6/30/14 9/12/14 9/30/14	a.\$300,000 b.\$200,000	a. Complete SRE charging and dissolution. b. Transfer 2 dissolver batches of SRE to a sSludge bBatch 9 .
Acceptance Criteria			
DOE-SR will review H Canyon procedures or engineering memo documenting completion of charging, dissolution and sludge batch transfer. GFSI: SRR provides window by 7/1/14			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.03	9/30/14	\$500,000 \$250,000; \$125,000 fee paid 1st and 2nd each quarters.	Charge two bundles of UNF or Pu to the H Canyon dissolver or probe the dissolver twice per shift crew per in quarters 1 and 2 to maintain proficiency.
Acceptance Criteria			
DOE-SR will review H Canyon dissolver probing procedure 221-H-1987 or actual dissolver charging procedure to ensure a minimum of two actual UNF or Pu bundles or two dissolver probings were completed for each shift each quarter.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.04	9/30/14	\$500,000; \$125,000 fee paid each quarter.	Perform 1 st or 2 nd Canyon Cold Run, DCS Simulator Cold Run or actual hot ops to address equipment operability and maintain operator proficiency. (Due to Liquid Waste Min., only two 1st Cycle and two 2nd Cycle Cold Runs per year.
Acceptance Criteria			
DOE-SR will review the completed quarterly Cold Run Operations start-up and shut-down procedures and summary data sheets for the one cold run performed for that quarter.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.05	9/30/14	\$100,000	Prepare and issue a revised H Canyon Resumption Plan each quarter.
Acceptance Criteria			
DOE-SR will review the SRNS issued quarterly H Canyon Resumption Plan to ensure appropriate elements.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.06	9/30/14	\$500,000	Dissolve one batch of Pu (approximately 20 kgs).
Acceptance Criteria			
DOE-SR will review dissolving procedures or MC&A signed data sheet.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.07	3/31/14	a.\$150,000	a. Implement Waste Min. action to revise the sump flush program to track transfers.
	4/30/14 (a and b)	b.\$150,000	b. Implement Waste Min. action to reeeyele HB-Line column waste for use in 6.4D discontinue use of scrubber jumper on Hot Canyon neutralization tanks.
	9/30/14 (c, d and e)	c.\$150,000	c. Implement Develop Waste Min. action to improve neutralization formula for WAC implementation optimize recycle HB-Line column raffinate or use in 6.4D so it is ready to implement.
		d.\$150,000	d. Implement Waste Min. action to refine LAW operation and acid stripping process. process Replace reboiler vessel of Acid Recovery Unit.
		e.\$150,000	e. Load two burial boxes with failed equipment from the warm canyon and ship to E Area.
Acceptance Criteria			
DOE-SR will review the implemented Liquid Waste Minimization actions by procedure or document review and ensure actions are consistent with the Nuclear Materials System Plan: a) Review Sump Flush procedures and confirm procedures are in accordance with the NCSE; b) Review of neutralization procedures; c) Review HB-Line Raffinate Reuse Evaluation; d) Walkdown and/or review construction work packages; e) Review characterization forms for loaded burial boxes.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.08	9/30/14	a.\$500,000 \$145,000	a. Complete HFIR planning preps Submit SRNS modified and approved OSA-7 and complete the analytical work to develop proposed HFIR Criticality Safety Limits associated with receipt and dissolving of HFIR material. with the exception of the H-Canyon NCSE/DSA revision, flowsheet, hydrogen generation study, dissolver insert and storage rack design, fabrication, and installation that may not be completed if funding/staffing is limited.
	6/30/14	b.\$100,000	b. Perform evaluation of attractiveness level "C"
	9/30/14	\$200,000	Complete dissolving operations preps and initiate MTR campaign by dissolving one UNF charge. material for H-Canyon dissolution.

	7/7/14	c. \$505,000	c. Complete ventilation tunnel inspection with crawler, reduced by \$25K for each week after 7/7/14. No fee after 9/1/14.
Acceptance Criteria			
DOE-SR will a) review the completed HFIR planning preps SRNS modified and approved OSA-7 for HFIR (prepared in accordance with 10 CFR 830 and DOE Order 460.1C) and HFIR Criticality Safety Limits (prepared in accordance with DOE-STD-3007-2007). the completed evaluation of attractiveness level "C" UNF material. b) Verify the bundles have been dissolved as determined by probing (procedure review). c) Review video from crawler inspection or view real time and ensure accessible/desired areas were inspected.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.09	9/30/14 6/30/14	a. \$250,000	Complete Canadian Liquid unloading and piping Design. a. SRNS submit the Canadian Liquid Receipts conceptual design package in support of a DOE-SR CD#1.
	9/30/14	b. \$100,000	b. SRNS submit revised and approved H-Canyon Double Contingency Analysis (DCA) to include Canadian Liquids.
Acceptance Criteria			
DOE-SR will a) review Canadian HEU Liquid unloading and piping design documents. Liquid Receipts conceptual design package in support of a DOE-SR CD#1 (prepared in accordance with DOE Order 413.3; design requirements and inputs per SRNS-U1000-2014-00030, dated 2/11/14 and per guidance provided by letter from McGuire to Hunt/Girard dated 2/25/14). b) review SRNS approved, revised H Canyon DCA that includes Canadian Liquids (prepared in accordance with DOE-STD-3007-2007 and applicable ANSI/ANS standards).			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.10	3/31/14 9/30/14	\$150,000 \$300,000	Implement all actions needed to resume WIPP blending. Complete PVV filter (5.7F) 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).
Acceptance Criteria			
DOE-SR will review procedures and documents to verify ready to resume WIPP blending. 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).			
<u>Contract Output SRNS2014EMO-02:</u>			
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 will continue with construction of Final Storage Vault.

Up to \$2,000,000 \$1,550,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.01	9/30/14	\$500,000; \$125,000 paid quarterly.	Prepare, receive, and store containers of surplus plutonium and uranium from LANL in K Area in accordance with the schedule maintained by DOE-SR.

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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.02	9/30/14	\$225,000; \$25,000 per can, invoiced quarterly.	Complete 9 Destructive Evaluation (DE) Surveillances on DOE-STD-3013 Storage Containers.

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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.03	6/30/14	\$100,000	K Area will submit to DOE the SRNS approved DSA/TSR supporting Final Storage Vault (FSV).

Acceptance Criteria

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

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.04	8/31/14	\$250,000	Complete Final Storage Vault (FSV) project construction and ensure the project is progressing toward a 12/31/14 project completion date and within a \$27.2M base project TPC (\$11.5M FSV scope + \$15.7M original scope) as established in BCP SRNS13M0042 R1.

Acceptance Criteria

DOE-SR will review the completed FSV construction project documents.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.05	3/31/14 9/30/14	\$500,000 \$50,000	Complete Readiness Assessment on DSA Rev. 10/TSR Rev. 41 to expand K-Area capabilities. In preparation for future Pu disposition operations in K-Area, qualify 1 additional FLM as a DE Handling Supervisor and 3 additional production operators as NDE or DE Handling Operators.
Acceptance Criteria			
DOE-SR will review FLM and operators qualifications to verify individual certifications. observe RA activities as desired and review the RA declaration of readiness.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.06	9/30/14	\$200,000; \$10,000 per can.	K Area will perform Pu measurements on 20 different cans.
Acceptance Criteria			
DOE-SR will review the non-destructive analysis measurement form.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.07	9/30/14	\$125,000	Support IAEA Inventory Inspections.
Acceptance Criteria			
DOE-SR will validate that KAC personnel provided adequate preparation and support during the IAEA Inventory inspections.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.08	9/30/14	\$100,000	Replace the Final Storage Vault roof at either the +34 (Final Storage Vault) or the +48 level depending on roofer's evaluation.
Acceptance Criteria			
DOE-SR will review the roofing subcontractors completion document or the 8Q-51 safety walkdown (OSR 20-22) completed by SRNS.			
<u>Contract Output SRNS2014EMO-03:</u>			
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.			
Up to \$900,000 \$800,000 of the allocated fee will be paid for this Contract Output.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.01	3/30/14	\$100,000	Revise F-Canyon Complex Surveillance and Maintenance (S&M) Plan to allow transition to reduced S&M.
Acceptance Criteria			
DOE-SR will review the revised SRNS approved F-Canyon Complex S&M Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.02	6/30/14	a. \$50,000	a. Determine feasibility to reduce to a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel.
	9/30/14	b. \$50,000 \$100,000	b. If the feasibility study supports reducing to a single exhaust as well as a single generator, and DNFSB supports this concept, issue design to support a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel. SRNS is to perform the canyon ventilation test to validate the end state recommendations of using a single 292-F exhaust fan.
Acceptance Criteria			
DOE-SR will review the canyon ventilation test report. SRNS approved feasibility study for a single 292-F exhaust fan supported by a single 254-13F "SS" diesel generator and the design to support the implementation.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.03	9/30/14	\$50,000	Determine the feasibility of stopping water intrusion to 221-F RR Tunnel and 800 Underground Cell.
Acceptance Criteria			
DOE-SR will review the SRNS approved water intrusion feasibility.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.04			Deleted in Rev 1.
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.05	9/30/14	\$650,000; \$550,000; paid at completion of each action item as noted.	SRNS will complete the following 235-F Risk Reduction Actions and provide to DOE for review, approximately 30 days before the DOE IP commitment date as noted in the "Date" column: g. Deliver the Graded EP Drill Report (Action 3-4). (\$50,000) h. Complete a Readiness Assessment for the Deactivation BIO and submit RA Report (Action 1-4). (\$100,000)

			<ul style="list-style-type: none"> i. Complete removal, isolation, or encapsulation of Fixed Combustibles and provide a final report to DOE (Action 2a-3). (\$150,000) j. Complete Electrical De-energization scope and provide a final report to DOE (Action 2b-2). (\$150,000) k. Complete installation and acceptance of the FDAS and provide a final report to DOE (Action 2c-3). (\$150,000)-(\$200,000) l. Complete planned cell infrastructure tasks and report completion (Action 1-3). (\$50,000)
Acceptance Criteria			
DOE-SR will review the SRNS approved and completed 235-F IP actions.			
<u>Contract Output SRNS2014EMO-04:</u>			
Receive, unload, and store Used Nuclear Fuel (UNF) in L Area.			
Description/Background/Justification:			
<p>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 Augmentinged Monitoring and Condition Assessment Program (AMCAP) support to maintain the facilities in a safe and operable condition.</p> <p>Up to \$2,000,000 \$2,150,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.01	9/30/14	\$500,000; \$125,000 paid quarterly	Receive and unload FRR/DRR fuel per schedule.
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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.02	9/30/14	\$500,000 \$100,000	Complete UNF Preps for HFIR readiness with the exception of the L Area DSA, OSA-7 and the new cask insert (if required) which are dependent on funding and staffing. Submit SRNS approved DSA, DCA, NCSE, NSDS, and 302 Manual documents to support HFIR onsite shipment

			activities and perform modifications to cask CD3 for insert fit-up.
Acceptance Criteria			
DOE-SR will review the HFIR planning preps were completed with the exception of the L-Area DSA, OSA-7 and new cask insert (if required). and validate completion of the SRNS approved DSA, DCA, NCSE, NSDS and 302 Manual (prepared in accordance with DOE-STD-3007-2007, applicable ANSI/ANS standards and 10 CFR 830) and review cask modification work packages.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.03	6/30/14	\$500,000 \$400,000	Complete the vacuuming removal for removal of "cob webs" from the top of the fuel bundles from the basin and resurvey the basin per G-ESR-L-00014.
Acceptance Criteria			
DOE-SR will observe the basin vacuuming activities or observe the basin following the completion of corrective actions to remove the "cob webs" from the top of the fuel and review SRNS G-ESR-L-00014.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.04	9/30/14	\$500,000 \$250,000	Complete NRU/NRX interim schedule milestone. Complete the Startup turnover of the Unloading Station to Operations.
Acceptance Criteria			
DOE-SR will validate that the activity STR114 is complete by review of the completed work package(s). Startup testing is dependent on AECL delivery of components required during testing (IP-2 Container, 3 different basket types, caddies, dummies, etc.) represented by ID#AECL002. NRU/NRX interim milestone was completed on schedule.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.05	7/31/14	\$200,000	Submit SRNS approved Basin Mod DSA/TSR.
Acceptance Criteria			
DOE-SR will review the SRNS approved DSA and TSR and validate that the changes necessary to perform Basin Mods have been incorporated into the documents (developed in accordance with DOE G 421.1-2 and 421.1-1).			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.06	9/30/14	\$250,000	D&R the STS system in support of the basin modification project.
Acceptance Criteria			
DOE-SR will validate that D&R of the STS system has been field complete by review of completed work packages and with walk-throughs.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.07	9/30/14	\$250,000	Galvanic Corrosion – Complete galvanic isolation of at least one bucket.
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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.08	9/30/14	\$50,000	Perform initial 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).
Acceptance Criteria			
DOE-SR will validate that the AMCAP IRC has reviewed the preliminary test results produced by the AMCAP Team.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.09	9/30/14	\$100,000	SRNS to remove debris, failed equipment and/or items preventing retrieval of the foil press and shear from the Basin.
Acceptance Criteria			
DOE-SR will validate that the items have been removed from the Basin/Facility by visual examination.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.10	9/30/14	\$50,000	Complete ranking and prioritization of isolated and non-AL failed fuel containers based on vulnerability for extended wet storage as approved by the AMCAP IRC.
Acceptance Criteria			
DOE-SR will validate that the AMCAP IRC has reviewed and approved the ranking and prioritization results produced by the AMCAP Team.			



Performance Incentive Document

PID Number:	SRNS2014SW
Activity Name:	Solid Waste
WBS Number:	1.29.32.25
Performance Period:	October 1, 2013 – September 30, 2014
Allocated Fee:	\$1,800,000
Revision Number:	0
Senior level manager/Performance Incentive Manager:	Terry Spears Assistant Manager for Waste Disposition Project (AMWDP)
Senior level supervisor/division manager:	Jim Folk
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.	
<u>Contract Output: SRNS2014SW-01</u> 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 disposal of legacy TRU waste.	

Description/Background/Justification:			
<p>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 SRS waste management. DOE Order 435.1 drives the timely disposal of wastes generated at DOE sites. The ARRA program remediated and repackaged legacy TRU wastes into WIPP compliant packaging. This waste has been WIPP certified or was identified as LLW and is awaiting disposal. Disposal of the legacy TRU is also a high priority for the State of South Carolina.</p> <p>Up to \$1,800,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.01	9/30/14	\$800,000; \$200,000 per quarter	LLW will be disposed in a timely manner such that in-storage time will be < 3 months in duration. Exceptions may be approved by DOE upon request.
Acceptance Criteria			
DOE will perform validation by reviewing, on a quarterly basis, the time in storage for the LLW not permanently disposed.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.02	6/30/14	\$400,000	TRU – Complete disposal of all legacy TRU packaged in SLB2s via TRUPACT-III shipments. Assumptions for this incentive include: 4 shipments per week; 6 week WIPP shipping outage and various non-shipping holidays during the period of performance.
Acceptance Criteria			
DOE will perform validation by reviewing the remaining legacy TRU inventory and assuring that all of the SLB2s have been disposed.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.03	9/30/14	\$500,000	Complete disposal of all legacy, contact handled, TRU waste at the WIPP Site. This includes all LLW and MLLW re-characterized from the TRU legacy program. This incentive assumes that DOE-CBFO will continue to fund characterization and shipping and provide adequate shipments. SRNS will work a 40 hour work week. Containers WMPSLB022C, WMPSLB018B, SR21524413, and SR21524414 are excluded.
Acceptance Criteria			
DOE will perform validation by reviewing Waste Inventory Tracking System (WITS) reports and documented legacy waste identified in the "Original Volume Tracking" Excel spreadsheet.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.04	9/30/14	\$100,000	A closure plan for TRU Pad 16 and modifications to the TRU Pad Volume of the Site RCRA Permit will be submitted to DOE-SR in support of submittal to SC-DHEC. The modifications will include reduction of prescriptive wording (e.g. requirement to be radiologically non-contaminated) and provide a sound technical rationale for both the modifications and the closure plan.
Acceptance Criteria			
DOE will perform validation by accepting the closure plan and proposed permit modification.			



Performance Incentive Document

PID Number:	SRNS2014ACP	
Activity Name:	Area Completion Project	
WBS Number:	1.29.32.01, 1.29.32.02, 1.29.32.03, 1.29.32.04, 1.29.32.05, 1.29.32.06	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$3,490,000	
Revision Number:	0	
Senior level manager/Performance Incentive Manager:	Karen Guevara Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)	
Senior level supervisor/division manager:	Angelia Adams	
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.		
<u>Contract Output SRNS2014ACP-01:</u>		
Meet all FFA Milestones, RCRA Permit and CERCLA Record of Decision (ROD/Interim ROD) commitments due between October 1, 2013, and September 30, 2014, as described in the Federal Facility Agreement for the Savannah River Site (Administrative Document # 89-05-FF) and the SRS 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 SRS to meet regulatory requirements that will meet the Area Completion Strategy to clean up the SRS and reduce the Site 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 SRS. The regulatory and stakeholder support of the SRS depends on continued full regulatory compliance and achievement of commitments and milestones.		

Up to \$2,500,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-1.01	3/31/14	\$1,250,000	All RCRA Permit commitments and FFA milestones are achieved from October 1, 2013, through March 31, 2014.
Acceptance Criteria			
All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates. Documentation is provided demonstrating that milestone/submittal dates 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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-1.02	9/30/14	\$1,250,000	All RCRA Permit commitments and FFA milestones are achieved from April 1, 2014, through September 30, 2014.
Acceptance Criteria			
All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates. Documentation is provided demonstrating that milestone/submittal dates 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.			
<u>Contract Output: SRNS2014ACP-02:</u>			
Evaluate additional EC & ACP groundwater sampling and reporting activities to identify opportunities to reduce costs within PBS-30 and ESS.			
Description/Background/Justification:			
<p>In FY 2012, DOE-SR incentivized the development of a comprehensive Groundwater Monitoring and Reporting Optimization Plan and Report (SRNS2012ACP-02) that identified opportunities for optimization of monitoring networks and reductions in the long-term costs of groundwater monitoring at units where mature and established groundwater programs were underway. In 2013, DOE incentivized SRNS to negotiate and implement optimization activities consistent with the plan (SRNS2013 ES-12.01 and 12.02).</p> <p>This Phase II proposal is to develop a similar Groundwater Monitoring and Report Optimization Plan that will focus on the remaining groundwater units that were not included in Phase 1 because they did not have a mature established monitoring program under RCRA/CERCLA or because they are associated with regulatory programs other than RCRA and CERCLA, such as Underground Storage Tanks, Landfills and the Clean Water Act.</p>			

Up to \$500,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-2.01	2/28/14	\$250,000	Prepare and provide to DOE ACP a Groundwater Optimization Plan by 2/28/14.

Acceptance Criteria

SRNS –EC & ACP will provide a Phase II Groundwater Monitoring and Reporting Optimization Plan that will provide for identification and documentation of opportunities for groundwater optimization of monitoring networks/reporting and reductions in the long-term costs of groundwater monitoring for groundwater units, that was not included in the Phase I Plan.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-2.02	9/30/14	\$250,000	Prepare and provide to DOE ACP a report documenting the groundwater monitoring and reporting optimization opportunities.

Acceptance Criteria

SRNS will provide a report outlining the results of the groundwater monitoring evaluation to DOE and DOE will approve. DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

Contract Output SRNS2014ACP-03 (Deferred from FY 13):

Automate environmental field and analytical data to automatically generate routine reports and improve reporting capability. Program and deploy electronic field devices to replace the use of paper logbooks to improve quality of field data collection. Program data collection system to automatically generate routine reports to improve speed and overall accuracy of data reporting.

Description/Background/Justification:

DOE SR is obligated to collect, manage, maintain and report environmental data to meet requirements of DOE Orders and environmental regulations and statutes, including DOE Order 458.1, Radiation Protection of the Public and Environment and RCRA, CAA, CWA, and CERCLA.

The Environmental Restoration Data Management System (ERDMS) is used to manage environmental monitoring data. This system requires extensive manual data review and tracking of data generating reports of varying quality. Also, field monitoring results are collected in paper logbooks and collection accuracy is highly dependent on minimizing human error. Routine reports are generated with a high level of human involvement.

Up to \$390,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-3.01	7/31/14	\$150,000	Program and deploy handheld devices to transfer monitoring data directly into ERDMS.

Acceptance Criteria

EC & ACP will demonstrate and will document the use and effectiveness of electronic handheld devices to collect field information and data transfer into ERDMS vs. the use of paper field logbooks for effluent monitoring and environmental surveillance programs.

EC & ACP will provide documentation to demonstrate compliance with site requirements including QA, software, and information control.

EC & ACP will provide documentation of benefits and provide estimate of cost, time or resource savings.

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-3.02	9/30/14	\$240,000	Modify ERDMS to automatically generate routine monitoring reports.

Acceptance Criteria

EC & ACP will demonstrate and document the development and implementation of program to generate automated environmental reports, such as the Monthly Discharge Monitoring Reports, the Monthly Radiological Releases Reports, the Wildlife Hunt Reports, and the Weekly and the Quarterly Tritium Reports by reviewing the reports for completeness, accuracy and compliance with reporting deadlines.

EC & ACP will provide documentation to demonstrate compliance with site requirements including QA, software, and information control.

EC & ACP will provide documentation of benefits and provide estimate of cost, time or resource savings.

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

Contract Output SRNS2014ACP-04:

Complete characterization of Building 690-N to support future Deactivation and Decommissioning.

Description/Background/Justification:

Building 690-N (Ford Building) is a high risk facility with significant radiological and PCB contamination. The facility is deteriorating and requires frequent maintenance to mitigate the spread of existing contamination. A Decommissioning Plan was completed and submitted to DOE in FY 13 (Contract Output SRNS2013ES-16.01) that included recommendations for characterization to quantify the nature and extent of contamination and condition to support future D&D of the facility.

The Ford Building is a steel frame/siding structure constructed in the early 1950s to test motor control packages for the R, P, L, K and C Reactors. In the 1960s, the structure was modified to support the repair and rework of Reactor heat exchangers. Key facilities and/or structures associated with 690-N include:

- 652-44N electrical substation and fuel oil containment dike (provided electricity and fuel oil for heating to the building),
- Deionizer trailer (used to remove radiological contaminants from Reactor disassembly basin water), and
- Transport trailer (utilized to haul heavy loads between Reactor areas and stored adjacent to the 690-N Building).

PCB-contaminated oils were used in milling/lathe operations for heat exchanger repair in 690-N (Ford Building). In 1997, these PCB-contaminated oils were found to have contaminated equipment and the floor in the building. An initial clean-up was performed and the residual contamination was encapsulated with a floor coating in 1998. Inspections conducted since 1998 continue to reveal areas where PCB-contaminated oil has migrated up through the floor coating, necessitating regular maintenance and reapplication of the coating material. The extent of PCB contamination below the 690-N Building is undetermined. The Deionizer trailer is not thoroughly characterized, but is assumed to contain lead and high levels of radiological contamination based on the conditions of trailers used for similar purposes at the SRS.

Up to \$100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-4.01	8/31/2014	\$100,000	Complete characterization of the 690-N Ford Building and its ancillary equipment and facilities (652-44N, Deionizer and Transport Trailers).

Acceptance Criteria

EC & ACP will complete and document characterization completion of Building 690-N and its ancillary equipment and facilities. The result are needed to support future deactivation and decommissioning and removal/remedial action(s)

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.



Performance Incentive Document

PID Number:	SRNS2014SRNL	
Activity Name:	Savannah River National Laboratory (SRNL)	
WBS Number:	Numerous	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$4,750,000	
Revision Number:	1	
Senior level manager/Performance Incentive Manager:	Karen Hooker Director, Office of Laboratory Oversight Pat McGuire Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)	
Senior technical advisor:	Patrick Jackson Jay Ray	
Contract Performance Outcome: SRNL's three-fold mission is to enable the success of SRS 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 nations' premier laboratory in Environmental Management, National & Homeland Security, and Energy Security (Source: SRNS Contract).		
<u>Contract Output: SRNS2014SRNL-01 (Pat McGuire)</u> Deliver Disposition Paths for Nuclear Material.		
Description/Background/Justification: SRS'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

SRS 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 SRS 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

SRS 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

SRS 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.

Up to \$650,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.01	9/30/14	\$225,000	<p>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.</p> <p>a. Complete FY14 data set 2 analyses for # DE packages.</p> <p>b. Complete unloading of Series 3 of shelf life</p>

			studies. c. Complete FY14 annual report on 9975 Life Extension o-ring test fixtures.
Acceptance Criteria			
DOE-SR will perform validation of the following:			
a. Loading and initial data sheets for Series 3 of shelf life studies.			
b. FY14 data set 2 analyses for 3013 Program.			
c. FY14 annual report on 9975 Life Extension o-ring test fixtures.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.02	9/30/14	\$75,000	Provide technical support to Nuclear Materials for the Spent Fuel Program. a. Complete extracted basin core testing and prepare and issue degradation evaluation report. b. Complete revision of corrosion surveillance program plan to include increase in coupon withdraw and analysis schedule; new rack material; and automated characterization and optimized corrosion analysis. c. Complete report for detailed corrosion analysis of the can-specific inventory of fuel/clad sections in oversized canister. Report to include corrosion, thermodynamic and kinetic analysis for fuel clad systems to provide estimate of fuel and internal water activity conditions. d. Complete analysis of handling and transportation challenges from L to H area in damaged and vulnerable fuel (sectioned SS, zircaloy stored in OS canisters) including evaluating particulates and hydrogen generation from radiolysis and corrosion.
Acceptance Criteria			
DOE-SR will perform validation of the following:			
a. Degradation evaluation report.			
b. Revision of corrosion surveillance program plan.			
c. Report on detailed corrosion analysis of the can-specific inventory of fuel/clad sections in oversized canister.			
d. Analysis of handling and transportation challenges from L to H area in damaged and vulnerable fuel.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.03	9/30/14	\$350,000	Develop and demonstrate flowsheets and equipment for application in H-canyon/HB-Line. Potential scope could include:

			<ul style="list-style-type: none"> a. Fabrication and deployment of crawler to inspect ventilation system. b. Flowsheet development for next set of material to be processed. c. Program to reduce the amount of waste sent to the Tank Farms. d. Provide requested support to H-Canyon for processing used Nuclear Fuel (UNF) such as Hydrogen Generation Studies.
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Acceptance Criteria

DOE-SR will perform validation of the agreed upon items for FY14.

Contract Output SRNS2014SRNL-02 (Karen Hooker):

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 SRS, 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 SRS has made significant progress. Tank Closure Program activities are on schedule to meet or exceed all Federal Facility Agreement commitments.

At Hanford, construction is well underway on the Pretreatment and Vitrification facilities. SRNL experience at SRS can be utilized to support flowsheet 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.

Up to \$1,245,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.01	9/30/14	\$700,000	<p>Execute scope to provide technical bases, characterization results, consultation in support of SRS Tank Waste Projects. These efforts are likely to include support for the following:</p> <ul style="list-style-type: none"> a. DWPF/Saltstone waste form, flowsheet, sludge batch qualification. Qualify next sludge batch including developing processing options and frit formulation - dependent on SRR schedule for canister production. b. Tank Farm sample characterization, corrosion program. Perform sample characterization (dependent on sample needs) and support corrosion control program. c. Tank Closure sample characterization. Characterize any closure samples received to determine residual material left in tanks. d. Salt Processing. Qualify needed salt batches and support deployment of next generation solvent. e. Tank Closure/Saltstone Waste Disposition. Support SRR PA work through modeling and experimental scope - dependent on facility needs.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.02	9/30/14	\$470,000	<p>To maintain and enhance SRNL as a pre-eminent center for research, development, and deployment of technologies to cleanup the environmental legacy of the Nation's nuclear programs, SRNL will lead and execute scope for Hanford by providing technical bases and consultation. Scope</p>

			<p>to include:</p> <ul style="list-style-type: none"> a. Develop program execution plans for Grand Challenge efforts in support of high level waste processing at the Hanford site. Complete first phase of experimentation as part of these programs. Participate on the Hanford Tank Waste Disposition Integrated Flowsheet development team. Perform flowsheet evaluations and provide definition of key interfaces and waste acceptance criteria. b. Perform work for Hanford Contractors including WRPS and WTP. <ul style="list-style-type: none"> - Complete full scale mixer testing in support of Caststone work - Complete experimentation on Tc removal options selected during downselection - Develop conceptual design and fabricate test equipment in support of the waste qualification effort c. Continue leadership of the National Laboratory Technical Authority Team in support of the WTP Full Scale Vessel Qualification Testing Program. <ul style="list-style-type: none"> - Define and qualify the instrumentation to be used during the full scale demonstration effort. Develop the simulant to be used during this instrument qualification and the first phase of testing
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Acceptance Criteria

DOE-SR will perform validation of the programs discussed above.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.03	9/30/14	\$75,000	<p>Provide technology development for EM-20. This is important to establishing SRNL as the EM National Laboratory. These efforts include:</p> <ul style="list-style-type: none"> a. Develop and issue the next generation performance models and complete oxidation front experimentation studies in support of the Cementitious Barriers Partnership. b. Issue technical report/journal article on the next phase of long term glass corrosion modeling work.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Contract Output SRNS2014SRNL-03 (Karen Hooker):

Develop and deploy Next Generation Cleanup Technologies.

Description/Background/Justification:

The environmental cleanup of SRS 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.

SRS 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. SRS plans to make these new technologies available across the country and internationally to assist others in their own cleanup efforts. SRS 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.

Up to \$470,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.01	9/30/14	\$50,000	Provide technical support for SRNS Environmental Compliance & 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: MAPSL SVE Investigation for Vadose Zone CAP, MetLab BaroBall Wells Investigation for Vadose Zone CAP, Southern Sector Aerobic Stimulation Bench Test, Sampling and Analysis Supporting TNX Edible Oil Treatability Study, PAGW OU Characterization, and Timely GC Analysis of Soil Gas, Soil, and Groundwater Samples from EC & ACP.

Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.02	9/30/14	\$160,000	<p>Provide technical support for SRNS Solid Waste Management. SRNL plans to:</p> <ul style="list-style-type: none"> a. Develop and submit to DOE the FY 2014 Performance Assessment Maintenance Plan. b. Develop and submit to DOE the FY 2014 Composite Analysis Maintenance Plan. c. Develop and submit to DOE the FY 2013 PA Annual Review report. d. Develop and submit to DOE the FY 2013 CA Annual Review report. e. Develop and submit to SWM the UDQE to assess new modeling information. f. Complete and issue TBD reports.
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.03	9/30/14	\$100,000	<p>Provide technical development for EM-10 on Environmental Compliance (EM-11), Soil & Groundwater Remediation (EM-12), D&D and Facility Engineering (EM-13).</p> <ul style="list-style-type: none"> a. Provide LFRG technical support activities and technical support for the DOE Order 435.1 update. b. Applied Field Research Initiative (AFRI) technology development and ASCEM User Interface, Tank Demonstration, and testing at F-Area. c. In Situ Decommissioning (ISD) Sensor Network Test Bed and further ISD developments.
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.04	9/30/14	\$100,000	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

			<p>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 the following:</p> <ol style="list-style-type: none"> Lead development and negotiations of new business contract(s) with Tokyo Electric Power Company (TEPCO) in Japan. Execute PNNL partnership to support technical scope of contract with TEPCO. 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.). Deliver emergent support to Fukushima cleanup based on EM laboratory leadership, capabilities and expertise.
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Acceptance Criteria

DOE-SR will perform validation of the following:

- Negotiated contract(s) with TEPCO.
- PNNL partnership performance.
- SRNL participation or leadership in governmental agency support to Fukushima remediation.
- Validate laboratory support to emergent Fukushima cleanup issues. Validation will include pass/fail consideration for the above listed components.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.05	9/30/14	\$60,000	Relocate the Packaging Certification Program (PCP) Docket files from Germantown, Maryland to Savannah River National Laboratory. Transition the EM-33 PCP Docket Manager from Eagle Research to SRNL.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Contract Output SRNS2014SRNL-04 (Karen Hooker):

Develop Solutions to Close and Better Secure the Nuclear Fuel Cycle.

Description/Background/Justification:

SRNL helps develop the nations' 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.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-4.01	9/30/14	\$300,000	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 SRS. As part of this mission, SRNL will develop and lead the nations used (spent) nuclear fuel cycle initiatives through participation in the DOE Fuel Cycle Research and Development (FCR&D) Program. Perform DOE-NE FCR&D program funded work activities as specified in the Program Information Collection System NE (PICSNE) defined in terms of cost, schedule and technical performance. Complete all required Level 2 and Level 3 milestones (number TBD) for the Used Fuel Disposition Campaign, Separations and Waste Forms Campaign, and Fuel Cycle Options Campaign.

Acceptance Criteria

DOE-SR will perform validation of the following: completed reports, presentations, and publications identified in the funded DOE-NE FCR&D scope.

Contract Output SRNS2014SRNL-05 (Karen Hooker):

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.

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 SRS 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 SRS strategic initiative and goal for EM sites.

Up to \$325,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-5.01	9/30/14	\$325,000	<p>The vision for SRNL is to be the nation's premier applied science laboratory in Environmental Management, National and Homeland Security, and Energy Security. As part of the efforts in Energy Security the following Clean Energy Projects will be completed :</p> <ul style="list-style-type: none"> a. Hydrogen Storage Engineering Center of Excellence-Technical Work Scope: Complete design and begin assembly of a two liter prototype cryo-adsorbent hydrogen storage prototype. b. Basic Science: Have accepted for publication in the area of energy storage and conversion three technical articles in peer reviewed journals with impact factors = >3. c. Methane opportunities for Vehicular Energy - Complete a test station for evaluation of a two liter prototype methane adsorption system meeting the DoE technical targets. d. SunShot "Low-Cost Metal Hydride Thermal Energy Storage System for Concentrating Solar Power Systems" - Complete FY14 milestone: Complete system model and evaluate at least one metal hydride material pair capable of meeting DOE SunShot thermal energy storage targets as defined in Statement of Project Objectives. e. SunShot High Temperature Corrosion Analysis of Molten Salt Systems for CSP Applications. Commission high temperature thermal gradient and fluid flow corrosion apparatus system for molten salt systems as outlined in Statement of Project Objectives (SOP).
Acceptance Criteria			

DOE-SR will perform validation of the following:

- a. EERE program management acknowledgement of requirements delivered as specified.
- b. Copies of acceptance letters and 2013 journal impact factors.
- c. Completed test station and approved HAP.
- d. Draft annual report for SRNL Year 2 experimental testing work to EERE SunShot review by 9/30/14.
- e. Draft annual report for SRNL Year 2 experimental testing work to EERE SunShot review by 9/30/14.

Contract Output SRNS2014SRNL-06 (Karen Hooker):

Expand the SRNL presence 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 United States Intelligence Community (USIC). 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.

Up to \$200,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-6.01	9/30/14	\$200,000	The vision for SRNL is to be the nation's premier applied science laboratory in Environmental

			<p>Management, National Security, and Energy Security. As part of the work on National Security, SRNL will provide technical support for DOE-IN as follows :</p> <ul style="list-style-type: none"> a. Deliver to US Policy Makers technical reports and assessments of foreign nuclear weapons programs that have been reviewed and published by DOE-IN. b. Update 100% of the Nuclear Materials Information Program (NMIP) assessments for which SRNL is responsible. c. Promote Counter Intelligence (CI) site-wide by conducting awareness briefings and training for all on-site contractors.
Acceptance Criteria			
DOE-SR will perform validation of the following:			
<ul style="list-style-type: none"> 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. CI awareness briefings and training are completed for all on-site contractors. 			
<u>Contract Output SRNS2014SRNL-07 (Karen Hooker):</u>			
SRNL Infrastructure Sustainment.			
Description/Background/Justification:			
<p>SRNL offers a unique combination of capabilities, equipment, and infrastructure that are not available anywhere else in the United States. 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 SRS vision targets SRNL to be the central hub as SRS expands its business segments to address DOE needs that capitalize on historic SRS competencies and capabilities. SRNL will actively seek ways to revitalize and present these assets for more wide-spread beneficial use.</p> <p>Up to \$1,485,000 of the allocated fee will be paid for this Contract Output.</p>			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.01	9/30/14	\$300,000	SRNL will implement High Priority Safety Basis scope and nuclear infrastructure improvements as defined in the approved FY14 SVS Implementation Plan as developed between DOE-SR OLO and SRNL. This Implementation Plan will be updated as needed and on an annual basis to: <ul style="list-style-type: none"> a. Meet selected project milestones for identified High Priority DNFSB Scopes. b. Complete Safety Basis scope improvements.
Acceptance Criteria			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.02	9/30/14	\$390,000	As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, complete A Block window replacements with no adverse impact to EM Liquid Waste mission work.
Acceptance Criteria:			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.03	9/30/14	\$695,000	Complete candidate IGPP capital projects that support restoration and sustainment of facility infrastructure as defined in the approved FY14 SVS Implementation Plan. Complete Construction Maintenance Orders and major maintenance scopes as defined in the approved FY14 SVS Implementation Plan.
Acceptance Criteria:			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.04	9/30/14	\$100,000	Implement the SRNL Infrastructure Plan to reduce operational cost by facility and scientific instrument renewal as well as an improved Asset Condition Index as defined in the approved FY14 SVS Implementation Plan.
Acceptance Criteria			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Contract Output SRNS2014SRNL-8 (Karen Hooker):			

Conduct effective laboratory management.			
Description/Background/Justification:			
<p>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.</p> <p>Up to \$75,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-8.01	9/30/14	\$75,000, paid upon completion of items a-b	<p>a. Provide a framework that allows for documentation of laboratory management for 1) Effective use of partnerships (internal, academic, community, government agencies, etc.), 2) Maintenance of core competencies and retention of employees, 3) Improvement in internal business processes and goals, 4) Business unit strategies, and 5) Effective use of recommendations from external reviews.</p> <p>b. Proceed with implementation of the University Relations Program Plan developed in FY13.</p>
Acceptance Criteria			
<p>DOE-SR will perform validation of the following:</p> <p>a. Documentation of the improved institutional management of SRNL.</p> <p>b. Implementation Status Report for the FY13 University Relations Plan.</p>			



Performance Incentive Document

PID Number:	SRNS2014LS		
Activity Name:	EM Landlord Services		
WBS Number:	Various / Indirect		
Performance Period:	October 1, 2013 – September 30, 2014		
Allocated Fee:	\$1,510,000		
Revision Number:	42		
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 Niek Delaplane		
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. This section includes Site Services and Business Services.			
<u>Contract Output SRNS2014LS-01: (Deleted in Rev. 3.)</u>			
The Contractor shall meet all SRNS agreed upon scheduled milestones to plan & execute development of SRS Sustainability initiatives and High Performance Sustainable Buildings (HPSB) program objectives to meet scheduled site sustainability goals.			
<u>Description/Background/Justification:</u>			
DOE has approved a Complex-wide Strategic Sustainability Performance Plan. This plan addresses such topics as greenhouse gas emission reductions, High Performance Sustainable Buildings (HPSB), water use, and pollution prevention/waste elimination. DOE sites have been tasked to make progress toward goals established for 2015 and 2020. The benchmark for the HPSB 15% reduction is defined in Executive Order (E.O.) 13514 section 2(g).			
Up to \$100,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:

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The Contractor shall develop and implement cost efficient approaches to reduce government liability.

Description/Background/Justification:

Initiatives are needed to address site energy costs and infrastructure support of current and future missions. Site Services will also evaluate organizational practices to identify efficiency gains and cost improvements and achieve government liability reduction where appropriate.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-2.01	5/31/14	\$150,000	Partnering with DOE in the negotiation of a new five-year contract with South Carolina Electric & Gas Company, including the following: <ul style="list-style-type: none"> • Participate with DOE in the contract development process and negotiation of terms and costs. • Provide financial analysis through evaluation of life cycle cost options for the contract.

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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-2.02	9/30/14	\$150,000	Develop an Infrastructure Alignment Plan/Study that outlines infrastructure right sizing recommendations, including footprint reduction that will coincide with current and future missions, SRNS baseline operations and funding profile (e.g. facilities, roads, infrastructure systems, etc.) Implement infrastructure right-sizing recommendations as approved by DOE and as funding is available.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Perform walkdown of the targeted systems/processes for the scope.
- Evaluate effectiveness of recommendations.

- Validate evidence of implementation.

Contract Output SRNS2014LS-03:

The Contractor shall meet all SRNS agreed upon scheduled milestones to actively seek cost effective opportunities to reduce government liability and benefit the community through the DOE Asset Revitalization Initiatives and Programs.

Description/Background/Justification:

The identification, leveraging, revitalization, and disposition of site assets reduce EM liability, minimize lifecycle cost, and achieve Footprint reduction. Wherever it is cost effective, utilize the SRS Community Reuse Organization to provide additional opportunities to benefit the surrounding community. Site Services will continue to evaluate consolidation of facilities, services and functions for cost improvements.

Up to \$110,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-3.01	9/30/14	\$110,000	Outsource the SRNS ESS Facilities Maintenance and ensure success by providing business and technical leadership.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate documentation defining transition process.
- Review and evaluate effectiveness of the transition support.

Contract Output SRNS2014LS-04:

The Contractor shall meet all SRNS agreed upon scheduled milestones to cost effectively maintain SRS plant systems, components, structures, and also improve maintenance processes to meet site missions and positively address deferred maintenance issues.

Description/Background/Justification:

Procedure Manual 1Y, *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 requirements ensure a safe and cost effective maintenance program at SRS.

Up to \$200,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-4.01	9/30/14	\$100,000	Continue the implementation of the Maintenance Paperless Work Package. Achieve 10% more EM paperless work packages completed in FY14 compared to the average of last four months in FY13 as baseline.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Randomly sample electronic work packages.
- Evaluate trending results for EM facilities.
- Evaluate Time & Cost savings documentation.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-4.02	9/30/14	\$100,000	Continue the implementation of the Preventive Maintenance (PM) optimization process. <ul style="list-style-type: none"> • Evaluate and incorporate Predictive Maintenance (PdM) in the process. • Demonstrate savings in overall efficiency gain.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Verify the PM baseline.
- Evaluate effectiveness of the optimization process.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-4.03	9/30/14	\$100,000	For Site Services, demonstrate a rigorous process is in place and utilized for the execution of preventive maintenance (PM) field work. To maximize efficiency and effectiveness of the PM process, establish a central support services work planning process and develop and initiate implementation of an integrated schedule for PM execution that is in alignment with operating mission needs.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Assess the planning center effectiveness through review and validation of planning center effectiveness metrics.
- Evaluate the integrated schedule effectiveness via schedule completion metrics.
- Evaluate PM completion status vs PM baseline plan.

Contract Output SRNS2014LS-05:

The Contractor shall sustain and/or modernize site facilities/infrastructure, provide quality Shops services to achieve mission goals/milestones and ensure a safe and secure workplace for all SRS personnel.

Description/Background/Justification:

The SRS infrastructure is approaching 60 years old. Over the past 10 years, funding for infrastructure repairs/replacement declined considerably due to budget challenges. The Critical Infrastructure Integrated Priority List (CI IPL) was implemented to identify the most critical projects for SRS. The Contractor will execute funded projects and provide quality Shops services to ensure a safe and secure workplace for all SRS personnel.

Up to \$400,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-5.01	9/30/14	\$300,000	Execute Infrastructure modernization/ improvement Utility system projects, sustaining activities and liability reduction work scope (e.g. water systems, electrical distribution system, etc.).

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate Summary Report and perform field walkdown of completed activities consistent with infrastructure IPL.
- Review Final Acceptance Inspection (FAI) documents or Work Packages of completed work scope.
- Before and after photographs of completed modernization work scope as feasible.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-5.02	9/30/14	\$100,000	<ul style="list-style-type: none"> • Evaluate the Critical Infrastructure Integrated Priority List (CI IPL) process and further improve the data content for better use as a tool for funding allocation. • Evaluate and report CI IPL effectiveness through an analysis of the disposition of CI IPL projects from the prior 3 years.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate CI IPL documentation.
- Review the updated CI IPL quarterly or as-needed.
- Evaluate data improvements.
- Evaluate CI IPL effectiveness report.

Contract Output SRNS2014LS-06:

Real Property Asset Management

The Contractor shall meet all SRNS agreed upon scheduled milestones by leveraging the Real Property Asset Management Program and Facility Information Management System (FIMS) data to effectively manage SRS infrastructure needs.

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 FY14. In addition, improvements to the accuracy of the SRS Actual Maintenance Cost Reporting Data will continue to be implemented for the HQ FIMS.

Up to \$200,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-6.01	9/30/14	\$200,000.00	<p>a. Evaluate and begin implementation of the Corrective Action Plan to more accurately capture SRS Actual Maintenance Cost Reporting. Subsequently, provide data input to support Site Planning integration.</p> <p>b. Demonstrate cost reduction and/or cost avoidance by:</p> <ul style="list-style-type: none"> Integrating impacts of ARRA project completion, site housing consolidation planning, workforce restructuring, site mission changes and lessons learned from Condition Assessment Survey (CAS) inspections into the RPAM SmartPlan (SRNS-RP-2011-00202). Revise RPAM SmartPlan requirements to more cost effectively implement DOE Order 430.1B. Evaluating Facility assessments conducted by other organizations (Engineering, maintenance, Operations, etc.) for CAS applicability. <p>c. Leverage Real Property Asset Management Program (RPAM) for the Site, develop a</p>

			<p>tailored approach for the Replacement Value (RPV) of agreed upon unique/critical facilities and initiate implementation.</p> <p>d. Evaluate Facility Information Management System (FIMS) database and make recommendations for data improvements. Also, update and maintain information of over 2,000 FIMS real property records to ensure the data is accurate and reliable.</p> <p>e. Continue to perform CAS inspections to ensure SRS meets the facility condition assessment 5 year cycle.</p>
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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 Actual Maintenance Corrective Action Plan and evaluate the Cost Reporting implementation. Review and evaluate the evidence of data input to Site Planning.
- b. Review documentation that outlines the following:
 - Cost avoidance scenario(s) from the various integrated site impacts.
 - Assessment of cost avoidance as reported.
 - Revised Condition Assessment Survey Process that maximizes cost reduction and/or cost avoidance.
- c. Evaluate RPV for H-Canyon, DWPF and SRNL 773-A Lab.
- d. Review evidence of implementation – documentation in DOE-HQ FIMS records demonstrated by performance against metrics implementation schedule.
- e. Review Condition Assessment Survey (CAS) Reports for the structures inspected in FY14. In addition, DOE-SR will perform field walk down on randomly selected completed facilities/structures and then verify that CAS data has been placed into the DOE-HQ Condition Assessment Information System (CAIS).

Contract Output SRNS2014LS-07:

Site Integrated Planning and Business Process Improvement

The Site Integrated Planning process integrates site mission planning and real property asset management. These recommendations and objectives will demonstrate improved linkage and

Contract Output SRNS2014LS-08:

Interface Management

The Contractor shall execute Interface Management with site tenants to deliver landlord services in support of mission execution.

Description/Background/Justification:

Effective implementation of site interface management process (necessary maintenance and communication of interface processes, procedures and agreements) results in the effective delivery of landlord services. This ensures an efficient process to support tenant site mission completion activities.

Annually the Interface Management Team develops a lessons learned regarding the interfaces of the tenants. These recommendations are the basis for the improvements defined in items 2 and 3.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-8.01	9/30/14	\$100,000	Perform SRNS integration efforts by: 1. Executing annual revision of interface agreements (SRR/SWPF, Ameresco, WSI, USFS, SREL, SCE&G, MOX)
Acceptance Criteria			
DOE-SR will review the annual interface agreement.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-8.02	9/30/14	\$150,000	Improve the SRS Interface Management Process by supporting DOE in the implementation of the Site Policy Manual SRSPM 250.1.1B. Note: This improvement is defined in the 2013 Interface Management Lessons Learned developed by the Interface Management Team: 1. Providing support in developing a matrix of current contractor (SRNS, SRR, MOX, SWPF, WSI) applicability for each policy. 2. Provide suggested handling strategies for the major contract omissions (i.e. contract modification, policy modification...)
Acceptance Criteria			
DOE-SR will review the Contractor Applicability Matrix and suggested handling strategies.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-8.03	9/30/14	\$50,000	Improve the SRS Interface Management Process by providing a method for small site tenants (SREL, USFS, Ameresco) to monitor spending on scope defined in Functional Service Agreements. Note: This improvement is defined in the 2013 Interface Management Lessons Learned developed by the Interface Management Team.
Acceptance Criteria			
DOE will review 1. The method and tools developed for the monitoring process. 2. The Performance of the support accounts. (Actuals vs. Target)			



Performance Incentive Document

PID Number:	SRNS2014SUBJ	
Activity Name:	Management & Operations - Subjective	
WBS Number:	Various / Indirect	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$5,000,000	
Revision Number:	1	
Senior level manager:	Doug Hintze Assistant Manager Mission Support (AMMS)	
Senior level supervisor/division manager:	Nick Delaplane	
Contract Performance Outcome:		
Nuclear Materials Management		
<p>The Contractor shall safely and effectively manage nuclear materials and facilities in accordance with applicable DOE Directives and requirements. Management of nuclear materials at SRS includes storage, operations and disposition.</p>		
Solid Waste		
<p>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.</p>		
Soil and Water Remediation		
<p>The Contractor shall plan and safely execute a program that meets all regulatory commitments reflected in the SRS 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.</p>		

Savannah River National laboratory (SRNL)

SRNL's three-fold mission is to enable the success of SRS 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.

Sitewide ES&H Program

The Contractor shall conduct a comprehensive ES&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 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.

Contract Output SRNS2014SUBJ-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 2014 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.

Adjectival Rating	Percent of allocable fee	Definition
Excellent	91% - 100%	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.
Very Good	76% - 90%	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.
Good	51% to 75%	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.
Satisfactory	1% to 50%	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.
Unsatisfactory	0%	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.

Description/Background/Justification:

To achieve its vision and implement all desired management improvement efforts will require an organized, systematic approach to project execution. EM has developed and implemented 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.

The IPT, as identified in the PEMP, will conduct informal surveys of the following organizations in order to solicit feedback related to contractor performance in the areas of Business Relations, Technical Quality, Cost Control and Schedule (timeliness):

Assistant Manager for Infrastructure and Environmental Stewardship (AMIES)

Assistant Manager for Mission Support (AMMS)

- Assistant Manager for Integration and Planning (AMIP)
- Office of Acquisition Management (OAM)
- Office of Human Capital Management (OHCM)

Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)

Assistant Manager for Waste Disposition Project (AMWDP)

Office of Field Chief Financial Officer (CFO)

Office of Chief Counsel (OCC)

Office of Civil Rights (OCR)

Office of External Affairs (OEA)

Office of Laboratory Oversight (OLO)

Office of Safety and Quality Assurance (OSQA)

Office of Safeguards, Security and Emergency Services (OSSES)

SRNS organizations will provide monthly self-assessments throughout the performance period to provide contractor feedback in cross-cutting areas of performance, such as safety, efficient use of trained and qualified human capital, quality, continuous improvement, cost effectiveness, timeliness of deliverables, compliance with contract, etc. The self-assessments will be 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. These self-assessments will be captured on the electronic web-based DOE Scorecard and used to facilitate enhanced communication between DOE-SR and SRNS.

These assessments are critical to record contract performance that is considered implicit, or subjective. Clear measures will be 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.

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, which will consider the related conditions under which the work was performed and the contractor's specific performance as measured against the government's objective.

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.

Per contract clause 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.

Up to \$5,000,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SUBJ-1.01	9/30/14	\$5,000,000	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 and G&A).
Acceptance Criteria			
DOE-SR will review the contractor monthly report 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.			

Attachment D, NNSA Performance Incentive Documents for fiscal year 2014


**Fiscal Year 2014
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, 2013 through September 30, 2014


Dennis J. Donath Date 11/14/13
Senior Vice President
NNSA Operations and Programs
Savannah River Nuclear Solutions, LLC


Douglas J. Dearolph Date 11/14/13
Field Office Manager
Savannah River Field Office
National Nuclear Security Administration


John W. Temple Date 11/14/13
Senior Vice President
Contracts Management
Savannah River Nuclear Solutions, LLC


Carol R. Elliott Date 11/14/13
Contracting Officer
Savannah River Field Office
National Nuclear Security Administration

INTRODUCTION

Savannah River Site is a facility owned by the United States Department of Energy (DOE), herein referenced as "Plant." It 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 and Oversight*, 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 2014 are specified in Section B-2.3 and scope of work for NNSA as set forth in Section C-3.3 of Contract No. DE-AC09-08SR22470. This PEP promotes a strategic Governance and Oversight framework, for 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 Performance Objective. 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

Savannah River Nuclear Solutions, LLC 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 missions assigned to the site.

MISSION PERFORMANCE

Savannah River Nuclear Solutions 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 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. **Savannah River Nuclear Solutions 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 are expected to be delivered on-schedule and within budget.

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. Effective efforts by SRNS to quickly identify, self-report, and overcome or mitigate the impact of issues, barriers or other circumstances will also be a factor in evaluating performance. A significant safety or security event may result in an overall limitation to adjectival ratings.

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, NA-00 and the NNSA Senior Procurement Executive prior to the Field Office Manager and Contracting Officer signatures. While recognizing the unilateral rights of DOE/NNSA as expressed in contract clauses H-27, *Performance Based Management*, and (2) H-28, *Performance Incentives*, bilateral changes are the preferred method of change whenever possible.

FINAL DECISION

Prior to a final decision by the FDO the SRNS General Manager will have a face-to-face opportunity to provide a final presentation in support of strategic performance determination and direction of the enterprise.

TOTAL AVAILABLE AWARD FEE ALLOCATION

Performance Category	Performance Objective	% At-Risk Fee Allocation
Programs (NA-10 & FOM)	PO-1: Manage the Nuclear Weapons Mission	25%
Programs (NA-2 & FOM)	PO-2: Broader National Security Mission	12.5%
Programs (NA1.1 & FOM)	PO-3: Science, Technology, and Engineering and Other DOE Mission Objectives	12.5%
Operations & Mission Execution (NA-3 & FOM)	PO-4: Operations & Infrastructure	25%
Operations & Mission Execution (NA-1 & FOM)	PO-5: Leadership	25%

UNEARNED FEE

DOE/NNSA reserves the right to withdraw and redistribute DOE/NNSA unearned fees.

INNOVATIVE SOLUTIONS

Savannah River Nuclear Solutions will recommend innovative, science-based, systems-engineering solutions to the most challenging problems that face the nation and the globe. Savannah River Nuclear Solutions 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 & FOM - (At-Risk Fee: 25%)

Successfully execute Nuclear Weapons mission work 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 deliveries for the stockpile work to meet limited-life component exchanges, 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 W78/88-1 phase 6.2 activities, B61-12 phase 6.3 activities, and W88 ALT 370 phase 6.3 activities in accordance with the NNSA approved schedules.

Site Specific Outcomes:

- SSO1.1: Demonstrate the Tritium Programs Earned Value Management System (EVMS) (or comparable system) is implemented consistent with the B61 Project Control Systems Description and Implementation Schedule. Establish a site performance baseline and submit monthly project and earned value reporting consistent with NA-191 program management requirements. Sites are allowed to tailor EVMS implementation to account for program complexity, cost, and risks, subject to approval of the Federal Program Manager.
- SSO 1.2: Demonstrate the Tritium programs EVMS (or comparable system) is implemented consistent with the W78/88-1 Project Control Systems Description and Implementation Schedule. Sites are allowed to tailor EVMS implementation to account for program complexity, cost, and risks, subject to approval of the Federal Program Manager.

PO-2: Broader National Security Mission – NA-2 & FOM - (At-Risk Fee: 12.5%)

Successfully execute authorized broader national security mission work to include the Non-Proliferation, Emergency Operations and Counterterrorism missions as well as high-impact interagency work. 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 counterproliferation science, technology, and expertise.
- CF-2.8 Pursue and perform high-impact interagency work 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-2.9 Accomplish work within the budget profile, scope, cost, schedule, quality and risk negotiated with the program sponsors or partners.

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 FY 14 Work Authorization and Execution Plan.
- SSO 2.2: Perform plutonium feed material characterization activities in accordance with the NNSA-approved plan for the non-pit plutonium material (AFS-1 and AFS-2) currently stored at SRS to demonstrate acceptability as feedstock and to support aqueous blend strategies in H-Canyon during operations. [MIFT Scope]

**PO-3: Science, Technology, and Engineering (ST&E) and Other DOE Mission Objectives
– NA-1.1 & FOM - (At-Risk Fee: 12.5%)**

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. Execute other DOE Mission Objectives for programs such as Environmental Management in accordance with the budget profile, scope, cost and schedule. Effectively manage Plant Directed Research and Development Programs (PDRD) to advance the frontiers of ST&E. Provide defensible objective evidence.

Contributing Factors:

- CF-3.1 Implement a research strategy that is clear and aligns discretionary investments (e.g., PDRD) with the research strategy and support DOE/NNSA priorities.
- CF-3.2 Ensure that research is relevant, enables the national security missions, and benefits DOE/NNSA and the nation.
- CF-3.3 Ensure that research is transformative, innovative, leading edge, high quality, and advances the frontiers of science and engineering.
- CF-3.4 Maintain a healthy and vibrant research environment that enhances technical workforce competencies and research capabilities.
- CF-3.5 Perform research to accomplish the high priority, multi-year research objectives, advance ST&E, and develop technologies for the public good through technology transfer.
- CF-3.6 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 in support of future national security mission requirements.
- CF-3.7 Accomplish work within the budget profile, scope, cost, schedule, risk, and quality negotiated with the program sponsors or partners.

Site Specific Outcome:

- None

**PO-4: Operations & Infrastructure – NA-3 & FOM -
(At-Risk Fee: 25%)**

Effectively and efficiently manage the safe & 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-4.1 Deliver effective, efficient, and responsive environment, safety and health (ES&H) management and processes.
- CF-4.2 Accomplish capital projects in accordance with scope, cost, and schedule baselines.
- CF-4.3 Deliver effective, efficient, and responsive physical, information and cyber security management and processes.
- CF-4.4 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-4.5 Deliver efficient, effective and responsible business operations and systems.
- CF-4.6 Deliver efficient and effective management of legal risk and incorporation of best legal practices.

Site Specific Outcome:

- SSO 4.1: Execute funded scope in support of the Tritium Responsive Infrastructure Modifications (TRIM) Program objectives, including up-front planning for the Tritium Centric Operations Project (TCOP) line item, per the FY14 Work Authorization and Execution Plan (WAEP).
- SSO 4.2: Complete construction and initiate startup testing of the Waste Solidification building project in accordance with approved cost and schedule baselines and related work scope as defined in the FY14 WAEP.

PO-5: Leadership -NA-1 & FOM - (At-Risk Fee: 25%)

Successfully demonstrate leadership in supporting the direction of the overall DOE/NNSA mission, 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-5.1 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-5.2 Promote a culture of critical self-assessment and transparency across all areas; instill a culture of accountability, responsibility, and performance through the entire organization; and coordinate/communicate these key issues and concerns to DOE/NNSA leadership.
- CF-5.3 Demonstrate performance results through the institutional utilization of the Management Assurance System and the leveraging of parent company resources and expertise.
- CF-5.4 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-5.5 Exhibit professional excellence in performing roles/responsibilities while pursuing opportunities for continuous learning.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE		PAGE OF PAGES 1 1	
2 AMENDMENT/MODIFICATION NO 0452		3 EFFECTIVE DATE 04/23/2014		4 REQUISITION/PURCHASE REQ NO	
5 PROJECT NO (If applicable)		7 ADMINISTERED BY (If other than Item 6)		CODE 00901	
6 ISSUED BY Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		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 298012421		(X) 9A AMENDMENT OF SOLICITATION NO		9B DATED (SEE ITEM 11)	
CODE 798861048		FACILITY CODE		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
	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 Contract Work Authorization No. KP/W/SR1-14, Rev 2, for Workforce Development for Teachers and Scientists, see Attachment 1, hereto. Funds were previously de-obligated under FINPLAN No. 10, for Fiscal Year 2014.
- 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, 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)	
		James Sovett	
15B CONTRACTOR/OFFEROR	15C DATE SIGNED	18B UNITED STATES OF AMERICA	16C DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	04/23/2014

Contract Work Authorization Supporting Documentation Index

<u>Document No.</u>	<u>Work Proposal Number</u>	<u>Project Title</u>
1	KL/W/SR1-14, Rev 2	Workforce Development for Teachers and Scientist (6 pages, DOE-SR generated form with reviewers and approval concurrence, (Ref: HQTS e-mail, dated 04/07/2014, KL Cert for Withdrawal, Funds were de- de-obligated under FINPLAN #10 (Copy attached)).

Note: Funding previously de-obligated under FINPLAN 10, FY 2014. 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. 0452/STRIPE Procurement System.

Work Authorization

Work Authorization Number KLW/SR1-14 Revision Number 1	U.S. DEPARTMENT OF ENERGY CONTRACT WORK AUTHORIZATION If you need assistance with this form contact Belinda Beckum 5-5352		Tracking Number CWA-2014-00070
1a. Project Title: Workforce Development for Teachers and Scientists		1b. Work Proposal Number (if applicable): Various	1c. Performing Organization <input checked="" type="radio"/> SRNL <input type="radio"/> SRNS
2. Headquarters Program Point of Contact.			
Name: Patricia M. Dehmer		Organization Code: SC-27	Telephone No.: 202-287-6490
3. Headquarters Budget Point of Contact.			
Name: Andrea Conrad		Organization Code: SC-41	Telephone No.: 301-903-3310
4. Responsible Program: Workforce Development for Teachers and Scientists		5. Responsible Secretarial Officer: Science	
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: KLW/SR1-14		9. Revision Number: 1	
10. Funds Authorized (See note below) This is a deobligation of funds from this account.			
Date 4/7/14	B&R Code KL1001000	Agreement / Project #	Project Value 20,000.00
Previous: 20,000.00		Change: -20,000.00	Current: 0
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) The FY 2014 Approved Funding Program provides funding to accomplish Workforce Development for Teachers and Scientists activities, generally consistent with the Field Work Proposal submissions and modifications and specific guidance provided by the enclosed memorandum. The Office of Workforce Development for Teachers and Scientists (WDTs) is committed to conducting work in a manner that ensures protection of the workers, the public, and the environment. Protecting the workers, the public and the environment is a direct and individual responsibility of all WDTs managers and WDTs-supported staff. Funds provided by WDTs will be applied as necessary to ensure that all WDTs activities are conducted safely and in an environmentally conscientious manner. Only work conducted in this way will be supported. The following are required for the Workforce Development for Teachers and Scientists program: analysis reports as produced, a fiscal year end report, and a final report.			
15. Technical Point of Contact			
Name Natalie Ferguson/SRNL/Srs	Title SRS Technical Point of Contact	Email natalie.ferguson@srnl.doe.gov	Phone (803) 725-2600
SRS Technical Point of Contact Manager			
Name Steve Wach/SRNL/Srs	Title SRS Technical Point of Contact Manager	Email steve.wach@srnl.doe.gov	Phone (803) 725-3020
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

Natalie Ferguson has pressed the button, "I accept the scope and funding requirements and have no issues meeting the requirements."

04/09/2014 02:22 PM

DOE-SR Prog POC

DOE-SR Work Authorization Program

DOE Order 412 Compliance Checksheet

Project Title	Work Authorization Number
Workforce Development for Teachers and Scientists	KLW/SR1-14

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

<input checked="" type="radio"/> Yes <input type="radio"/> No	Project title and reference to work proposal number, if applicable
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters programmatic point of contact, organization, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters budget point of contact, organization code, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible program
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible program Secretarial Officer
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible field organization
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible contracting officer if different from above
<input checked="" type="radio"/> Yes <input type="radio"/> No	Site/facility management contractor name, point of contact, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Work authorization number, with revision number if applicable
<input checked="" type="radio"/> Yes <input type="radio"/> No	Budget and reporting code and funding level
<input checked="" type="radio"/> Yes <input type="radio"/> No	Dates for performance period, work start, and work completion
	Statement of work (see paragraph below)
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters, field organization, contractor, and if involving changes to scope, schedule, or funding, contracting officer signature blocks
<input checked="" type="radio"/> Yes <input type="radio"/> 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:

<input checked="" type="radio"/> Yes <input type="radio"/> 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
<input checked="" type="radio"/> Yes <input type="radio"/> No	Required milestone dates
<input checked="" type="radio"/> Yes <input type="radio"/> No	Deliverables, including technical information as required by DOE O 241.1A, Scientific and Technical Information Management
<input checked="" type="radio"/> Yes <input type="radio"/> 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	04/09/2014 01:41 PM

DOE-SR Field Budget Official

BEARS database search complete and results attached to WAD package?

☒ Y ☐ N

Funding constrained: (Year constrained; CR; etc.) B9X0222 No Year Funds Office of Science, FY 2014 Budget Authority, FinPlan #10.

☐ 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
Mod 452	

Attachments



PKG KL W SR1-14 R1.pdf

Notify on Approval

Lonnie Gordon/SRNL/Srs

General Comment

Submitted By

04/09/2014 02:25:47 PM

Sharon Hunter

The funding was de-ob on finplan #10 and cert back to HQ sch.

Work Authorization: In Process

Approvers	Title	Assigned	Received	Status Changed	Status
John Temple	SRNS Contractor Auth Rep	04/10/2014 02:08:07 PM		04/10/2014 02:52:49 PM	Admin
Lloyd Clevinger	Manager	04/10/2014 02:52:49 PM	04/11/2014 08:24:57 AM	04/11/2014 09:48:45 AM	Delegated
James Lovett	DOE-SR Contract Officer	04/11/2014 09:48:48 AM	04/17/2014 09:34:34 AM	04/22/2014 03:55:21 PM	Concur
Christine Corbin	DOE-SR Contract Mod Admin	04/22/2014 03:55:24 PM	04/22/2014 04:14:54 PM	04/23/2014 07:39:24 AM	Concur

Kathryn Davis	SRNS Contracts	04/23/2014 07:39:26 AM		Concur
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Previous Process - Work Authorization: Approved on 04/10/2014					
Approvers	Title	Assigned	Received	Status Changed	Status
Natalie Ferguson	Technical POC	04/09/2014 01:48:18 PM	04/09/2014 02:20:28 PM	04/09/2014 02:25:07 PM	Concur
John Christian	DOE-SR Work Auth	04/09/2014 02:25:08 PM	04/09/2014 02:29:14 PM	04/09/2014 02:29:26 PM	Concur
Patrick Jackson	Coordinator	04/09/2014 02:29:27 PM	04/09/2014 03:10:28 PM	04/09/2014 03:14:03 PM	Concur
Harold Nielsen	DOE-SR Program POC	04/09/2014 03:14:06 PM	04/10/2014 02:02:36 PM	04/10/2014 02:05:18 PM	Concur
	DOE-SR Field Budget Off				

Approver Comments

Reviewers

Name	Date Time	Action
Sharon Hunter	4/9/2014 2:29:02 PM	Reviewed
Kathryn Davis	4/10/2014 2:07:47 PM	Reviewed

**U.S. DEPARTMENT OF ENERGY
CERTIFICATION OF FUNDS AVAILABILITY**
(WHOLE DOLLARS)

ALLOTTEE: 36 - Manager, Savannah River Operations Office

APPROPRIATION SYMBOL: 89X0222, General Science & Research Activities

MONTH AVAILABLE FOR AFP WITHDRAWAL:

Apr-14

Request for Certification of Funds Available for Withdrawal

PROGRAM OFFICE - AUTHORIZED

APPROVING OFFICIAL : Kurt Hahn, Team Leader PHONE: 301-903-9329 DATE: _____ ROUTING SYMBOL: SC-41
(SIGNATURE)

PREPARER : Andrea Conrad PHONE: 301-903-3310 FAX: 301-903-9524 ROUTING SYMBOL: SC-41
(CONTACT FOR ANY PROBLEMS) (NAME PRINTED)

APPROP YEAR	CHECK ONE		STARS FUND CODE	STARS REPT ENTITY	(REPORT LEVEL)		FUNDING SOURCE	REQUESTED WITHDRAWAL AMOUNT	CERTIFIED AMOUNT 1/	*
	AFP CHG ONLY	DE- ALLOCATED			LEGACY B&R	STARS PROGRAM VALUE				
2014		X	00500	410003	KL1001	2924406	NOA	\$ (20,000.00)	\$ (20,000.00)	

FOR CERTIFYING OFFICE OF BUDGET AND ACCOUNTING USE ONLY

CERTIFIED BY:

(SIGNATURE)

PHONE:

DATE:

NOTE:

Per discussion back in March HQ provided \$20,000 to ORISE in the March AFP to Cover SRNL SULI nc now HQ want to pull funding back from SRNL FY2014. Per email from Andrea Conrad

1/ AN ASTERISK (*) INDICATES FULL REQUESTED AMOUNT WAS NOT CERTIFIED. THIS COLUMN IS FOR USE BY BUDGET AND ACCOUNTING ONLY.

NOTE: Signed Certification of Funds Availability is to be forwarded to Funds Distribution and Control Team (FDCT), CF-32 with signed input worksheet.

Financial Plan Report - Detail

SR22470 - Savannah River Nuclear Solutions (SRNS)

Report Generated on: March 27, 2014 at 01:16:12 PM

Rpt Entity	Fund Code	Leg FT	Legacy Program	Legacy B&R	Obj. Class	Local Use	Project	WFO	Legacy Order Number	Beginning Uncosted Obs	Previous	BA Change	Revised	Total Available
410003	00500	WA	2924295	KC0202050	25400	0000000	0000000	0000000		79,237.81	169,000.00	138,000.00	307,000.00	386,237.81
AY 2014 - For B&R KC020205 for Agreement SCW-0090 sh 3/25/14														
Total for Program Parent/Control Point: KC0200000											79,237.81	169,000.00	307,000.00	386,237.81
410003	00500	WA	2924406	KL1001000	25400	0000000	0000000	0000000		1,135.69	20,000.00	-20,000.00	0.00	1,135.69
AY 2014 - Deob per Andrea contrad funds going to ORISE to cover SRNL SULI expenses for \$20,000 3/25/14														
Total for Program Parent/Control Point: KL0000000											1,135.69	20,000.00	0.00	1,135.69
410003	00500	WA	2924214	KP1702030	25400	0000000	0000000	0000000		145,891.07	84,000.00	137,000.00	221,000.00	366,891.07
AY 2014 - For KP170203 Agreement SCW-0091 for \$82,000 and KP17203 Agreement SCW-0052 \$55,000 3/25/14 sch														
Total for Program Parent/Control Point: KP0000000											145,891.07	84,000.00	221,000.00	366,891.07
Total for Fund: 00500											226,264.57	273,000.00	528,000.00	754,264.57
410003	00900	TC	2220676	DP0904000	25400	0000000	0000000	0000000		754,394.21	5,952,000.00	-1,100,000.00	-4,852,000.00	5,606,394.21
410003	00900	TC	2220676	DP0904000	32002	0410037	0000000	0000000		0.00	0.00	1,100,000.00	1,100,000.00	1,100,000.00
Total for Program Parent/Control Point: DP0904000											754,394.21	5,952,000.00	0.00	6,706,394.21
410003	00900	TC	2222893	DP0908000	25400	0000000	0000000	0000000		0.00	12,700,000.00	-6,260,978.00	6,439,022.00	6,439,022.00
410003	00900	TC	2222893	DP0908000	31003	0410000	0000000	0000000		0.00	0.00	1,500,000.00	1,500,000.00	1,500,000.00
410003	00900	TC	2222893	DP0908000	32002	0410037	0000000	0000000		0.00	0.00	5,000,000.00	5,000,000.00	5,000,000.00
Total for Program Parent/Control Point: DP0908000											0.00	12,700,000.00	239,022.00	12,939,022.00
410003	00900	TC	2221618	DP1407010	25400	0000000	0000000	0000000		0.00	0.00	179,853.00	179,853.00	179,853.00
Total for Program Parent/Control Point: DP1407000											0.00	0.00	179,853.00	179,853.00
410003	00900	TC	2221775	DP4015011	25400	0000000	0000000	0000000		246,495.96	1,305,000.00	-527,203.59	777,796.41	1,024,292.37
410003	00900	TC	2221785	DP4015032	25400	0000000	0000000	0000000		117,250.34	333,323.00	-3,000.00	330,323.00	447,573.34
410003	00900	TC	2221793	DP4015044	25400	0000000	0000000	0000000		0.00	21,676.61	68,323.39	90,000.00	90,000.00
410003	00900	TC	2221794	DP4015051	25400	0000000	0000000	0000000		44,269.77	520,000.00	373,000.00	893,000.00	937,269.77
Total for Program Parent/Control Point: DP4000000											408,016.07	2,179,999.61	-68,850.20	2,491,119.41
410003	00900	TC	2222508	DP5502040	25400	0000000	0000000	0000000		162,480.11	139,870.00	215,130.00	355,000.00	517,480.11
Total for Program Parent/Control Point: DP5502010											162,480.11	139,870.00	355,000.00	517,480.11
410003	00900	TC	2221070	FS2002000	25400	0000000	0000000	0000000		296,470.72	2,181,064.00	68,000.00	2,249,064.00	2,545,534.72
410003	00900	TC	2221070	FS2002000	32002	0410037	0000000	0000000		71,007.21	0.00	-68,000.00	-68,000.00	3,007.21
410003	00900	TC	2221079	FS2009000	25400	0000000	0000000	0000000		223,231.32	2,552,564.00	-36,151.00	2,516,413.00	2,739,644.32
Total for Program Parent/Control Point: FS2000000											590,709.25	4,733,628.00	-36,151.00	4,697,477.00
410003	00900	TC	2222780	MB0206020	25400	0000000	0000000	0000000		1,085,633.97	2,781,189.30	1,028,862.70	3,810,052.00	4,895,685.97
Total for Program Parent/Control Point: MB0206010											1,085,633.97	2,781,189.30	3,810,052.00	4,895,685.97
410003	00900	TC	2222788	MB0402000	25400	0000000	0000000	0000000		2,451,227.54	8,317,899.00	21,000.00	8,338,899.00	10,790,126.54
Total for Program Parent/Control Point: MB0402000											2,451,227.54	8,317,899.00	8,338,899.00	10,790,126.54
410003	00900	TC	2222898	MB0410000	25400	0000000	0000000	0000000		0.00	15,882,103.00	2,288,897.00	18,171,000.00	18,171,000.00
Total for Program Parent/Control Point: MB0410000											0.00	15,882,103.00	2,288,897.00	18,171,000.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1

2

2. AMENDMENT/MODIFICATION NO.

0453

3. EFFECTIVE DATE

04/23/2014

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

00901

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

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.

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)

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 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	D. OTHER (Specify type of modification and authority) 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 Requirement in accordance to guidelines provided by Department of Energy, Office of Environmental Management Memorandum dated March 21, 2014; subject: Revised Reporting of Workforce Restructuring Data. Accordingly, Section H.14(e)(10), Pension and Other Benefit Programs is hereby revised as cited on page 2, attached hereto.

B. All other terms and conditions of the contract 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)

15B. CONTRACTING OFFICER

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

A.1 Section H.14(e)(10) is revised as follows:

FROM:

H.14 EMPLOYEE COMPENSATION: PAY AND BENEFITS

(e) Pension and Other Benefit Programs

- (10) Each Contractor will respond to data calls issued through iBenefits, or its successor system.

TO:

(e) Pension and Other Benefit Programs

- (10) Each Contractor will respond to data calls issued through iBenefits, or its successor system.

The Contractor must provide actual and projected workforce reductions on an annual basis not later than March 15th of each year. The collection of Contractor workforce reduction data will be administered through the iBenefits system (<https://ibenefits.energy.gov>) for the collection of the following:

Actual number of voluntary/involuntary separations for the prior Fiscal Year (FY) (that is, FY 20XX), and

Actual and projected number of voluntary/involuntary separations for the current year (that is, FY 20XX). Please include any actual separations that have already occurred in the current fiscal year.

(THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0454		04/29/2014		14EM001714	
5. PROJECT NO. (If applicable)		6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)	
		CODE 00901		CODE 00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802				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)		9A. AMENDMENT OF SOLICITATION NO		9B. DATED (SEE ITEM 11)	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
CODE 798861048 FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO.		10B. DATED (SEE ITEM 13)	
		DE-AC09-08SR22470		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: \$65,332,702.09

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) Section I, DEAR 5232-4 Obligation of Funds

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 obligate funds to CLIN 0001 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 11. Funds in the amount of \$65,332,702.09 are hereby obligated to CLIN 0001, thereby increasing it from \$5,337,516,018.18 to \$5,402,848,720.27.

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 \$6,737,244,362.01 to \$6,802,577,064.10.

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	04/29/2014

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0454	2	2

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of \$6,802,577,064.10, includes \$661,696.12 of Non-Appropriated funds, Reimbursable Work Commercial.</p> <p>FOB: Destination</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0455		04/30/2014		14EM001714	
5. PROJECT NO. (If applicable)		6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)	
		CODE 00901		CODE 00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		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)		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470	
				10B. DATED (SEE ITEM 13) 01/10/2008	
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) Net Increase: \$58,109.83

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) Section I, DEAR 5232-4 Obligation of Funds

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 obligate funds to CLIN 0001 (Reimbursable Work Commercial (Non-Appropriated Funds)), in accordance with SRNS FINPLAN 11. Funds in the amount of \$58,109.83 are hereby obligated to CLIN 0001, thereby increasing it from \$5,402,848,720.27 to \$5,402,906,830.10.

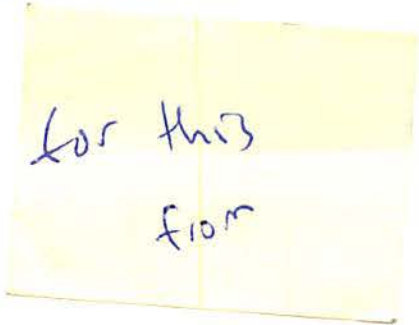
B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from \$6,802,577,064.10 to \$6,802,635,173.93.

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 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)	
		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	04/30/2014

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of \$6,802,635,173.93, includes \$719,805.95 of Non-Appropriated funds. The total amount of Non-Appropriated funds increased by \$58,109.83 this modification, form \$661,696.12 for a cumulative total of \$719,805.95 to-date.</p> <p>FOB: Destination</p> <div style="text-align: center; margin-top: 50px;">  <p>for this from</p> </div>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0456		04/30/2014		14EM001714	
5. PROJECT NO. (If applicable)		6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)	
		CODE 00901		CODE 00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		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)		9A. AMENDMENT OF SOLICITATION NO.			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		9B. DATED (SEE ITEM 11)			
		10A. MODIFICATION OF CONTRACT/ORDER NO.			
		DE-AC09-08SR22470			
		10B. DATED (SEE ITEM 13)			
		01/10/2008			
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) Net Increase: \$3,090,729.75

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	D. OTHER (Specify type of modification and authority) Section I, DEAR 5232-4 Obligation of Funds

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 obligate funds to CLIN 0001 (Reimbursable Work For Other Federal Agency), in accordance with SRNS FINPLAN 11. Funds in the amount of \$3,090,729.75 are hereby obligated as cited below:

- 1) Department of Defense: \$6,000.00
- 2) Department of Homeland Security: \$21,142.10
- 3) Department of Justice: \$2,727,666.00
- 4) Department of State: \$48,544.00
- 5) Other: \$287,377.65

Continued ...

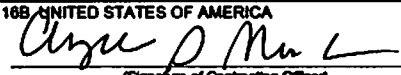
Except as provided herein, all terms and conditions of the document referenced in Item 8A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James Lovett	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	04/30/2014

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0456PAGE OF
2 2NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CLIN 0001 total obligated amount is increased from \$5,402,906,830.10 to \$5,405,997,559.85.</p> <p>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 \$6,802,635,173.93 to \$6,805,725,903.68.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>D. In addition the "Note," on modification 0455 is restated to correct clerical errors in the last sentence (to add "for" and correct "form to read from".</p> <p>NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of \$6,802,635,173.93, includes \$719,805.95 of Non-Appropriated funds. The total amount of Non-Appropriated funds increased by \$58,109.83 for this modification, from \$661,696.12 for a cumulative total of \$719,805.95 to-date.</p> <p>FOB: Destination</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0457		3. EFFECTIVE DATE 05/05/2014		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) Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	
CODE 00901		CODE 00901			
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) 01/10/2008	
CODE 798861048		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> 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 Section I, DEAR 970.5211-1 Work Authorization (May 2007)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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 contract work authorizations listed below: 1) No. HQ091101-14, Rev 4, for Advanced Simulation Capability for Environmental Management (See Attachment 1, A) 2) No. HQT01002-14, Rev 2, for Alternative Waste Pretreatment (See Attachment 1, B) 3) No. SR071801-14, for Attenuation-Based Remedies for the Subsurface Applied Field Research Initiative (ABRS AFRI) (see Attachment 1-C) 4) No. HQ1001-14, Rev 5, for Energy Employees Occupational Illness Compensation Program (EEOICPA) (see Attachment 1-D) 5) No. IN14035-14, Rev 4, for Energy and Threat (see Attachment 1-E) 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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Angela S. Morton			
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED		16B. DATE SIGNED 05/06/2014	
		16C. UNITED STATES OF AMERICA  (Signature of Contracting Officer)			

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0457

PAGE 2 OF 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>6) No. HI-410003-14, Rev 5, for Fuel Cell Technologies (see Attachment 1-F)</p> <p>7) No. SR091701-14, Rev 4, for In situ Decommissioning Technology Development and Demonstration (see Attachment 1-G)</p> <p>8) No. PC410003-14, Rev 5, for Packaging and Certification and Transportation Operations Support (see Attachment 1-H)</p> <p>9) No. 410003-TS-14, Rev 5, for SRNL Technical Support (see Attachment 1-I)</p> <p>10) No. SS410225-14, Rev 1, for Strategic National Laboratory Support (see Attachment 1-J)</p> <p>11) No. HQTD1000-14, Rev 2, for Technical Planning, Integration and Risk Management (see Attachment 1-K)</p> <p>12) No. HQTD1001-14, Rev 4, for Waste Retrieval and Closure Technologies (see Attachment 1-L)</p> <p>Funds were previously allocated by separate modifications under FINPLAN No. 11, for Fiscal Year 2014 (copy of FINPLAN provided, see Attachment M).</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 2

2. AMENDMENT/MODIFICATION NO.

0458

3. EFFECTIVE DATE

05/20/2014

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

00901

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

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

(x) 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)

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.

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 the contract work authorizations listed below:

- 1) No. KC/SRI/4-14, Rev 3, for Basic Energy Sciences - Energy Frontier Research Centers (see Attachment 1-A)
- 2) No. IN14013-14, Rev 4, for Energy and Threat (see Attachment 1-B)
- 3) No. 89X0319-14, Rev 4, for Fuel Cycle Technologies (see Attachment 1-C)

Funds were previously allocated by separate modifications under FINPLAN No. 11, for Fiscal Year 2014 (copy of FINPLAN provided, see Attachment 1-D).

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)

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

(Signature of person authorized to sign)


(Signature of Contracting Officer)

05/27/2014

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0458	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC


ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0459		3. EFFECTIVE DATE 05/27/2014		4. REQUISITION/PURCHASE REQ NO. 14EM001952	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE 00901		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		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. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470 10B. DATED (SEE ITEM 13) 01/10/2008			
CODE 798861048		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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: \$36,599,859.28			
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) 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 12. Funds in the amount of \$36,599,859.28 are hereby obligated to CLIN 0001, thereby increasing it from \$5,405,997,559.85 to \$5,442,597,419.13.					
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 \$6,805,725,903.68 to \$6,842,325,762.96.					
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)		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 05/27/2014	
(Signature of person authorized to sign)		(Signature of Contracting Officer)			

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0459	2	2

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC


ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2											
2. AMENDMENT/MODIFICATION NO. 0460		3. EFFECTIVE DATE 05/28/2014		4. REQUISITION/PURCHASE REQ. NO. 14EM001952											
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 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		(x)		9A. AMENDMENT OF SOLICITATION NO.											
CODE 798861048		FACILITY CODE		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															
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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: \$454,784.92															
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CHECK ONE</td> <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></td> <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></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> <tr> <td style="text-align: center;">X</td> <td>Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)</td> </tr> </table>						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)
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 <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 Commercial (Non-Appropriated Funds)), in accordance with SRNS FINPLAN 12. Funds in the amount of \$454,784.92 are hereby obligated to CLIN 0001, thereby increasing it from \$5,442,597,419.13 to \$5,443,052,204.05.															
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 \$6,842,325,762.96 to \$6,842,780,547.98.															
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 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		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA											
(Signature of person authorized to sign)				 (Signature of Contracting Officer)											
				16C. DATE SIGNED 05/28/2014											
NSN 7540-01-152-8070 Previous edition unusable				STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243											

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0460	2	2

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of \$6,842,790,547.86, includes \$454,784.92 of Non-Appropriated funds. The total amount of Non-Appropriated funds increased by \$454,784.92 for this modification, from \$719,805.95 for a cumulative total of 1,174,590.87 to-date. FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 2											
2. AMENDMENT/MODIFICATION NO. 0461		3. EFFECTIVE DATE 05/28/2014		4. REQUISITION/PURCHASE REQ. NO. 14EM001952		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		CODE 00901		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		CODE 00901											
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				(X) 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		FACILITY CODE															
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS																	
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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:		\$1,982,421.44											
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CHECK ONE</td> <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></td> <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></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> <tr> <td>X</td> <td>Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)</td> </tr> </table>								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)
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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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 accordance with SRNS FINPLAN 12. Funds in the amount of \$1,982,421.44 are hereby obligated as cited below:																	
1) Department of Defense: \$280,079.00 2) Department of Homeland Security: \$1,702,342.44																	
CLIN 0001 total obligated amount is increased from \$5,443,052,204.05 to \$5,445,034,625.49.																	
B. 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)				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											
(Signature of person authorized to sign)				 (Signature of Contracting Officer)		05/28/2014											
NSN 7540-01-152-8070 Previous edition unusable				STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243													

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0461	2	2

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from \$6,842,780,547.88 to \$6,844,762,969.32.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>FOB: Destination</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1 CONTRACT ID CODE

PAGE OF PAGES

1

1

2 AMENDMENT/MODIFICATION NO

0462

3. EFFECTIVE DATE

05/29/2014

4 REQUISITION/PURCHASE REQ NO.

5 PROJECT NO. (If applicable)

6 ISSUED BY

CODE

00901

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

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)

(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)

01/10/2008

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. ☐ 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	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 input Attachment 1, Contract Work Authorization No. KP/W/SR1-14, Rev 2, for Workforce Development for Teachers and Scientists in the STRIPES Procurement System, inadvertently omitted under Mod 0452, copy attached hereto.

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

Note: Modification 0452, e-mail distribution included subject attachment (Mod issued to correct STRIPES omission only).

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

15C DATE SIGNED

16B UNITED STATES OF AMERICA

16C DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

06/04/2014

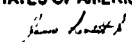
NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV 10-83)


Prescribed by GSA

FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ NO	
0463		06/19/2014			
6. ISSUED BY		CODE		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		00901			
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)		(x)		8A. AMENDMENT OF SOLICITATION NO	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421					
				8B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO	
				DE-AC09-08SR22470	
				10B. DATED (SEE ITEM 13)	
				01/10/2008	
CODE		FACILITY CODE			
798861048					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> 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.					
<input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.					
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 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)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> 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 contract work authorizations listed below: 1) No. SR071801-14, Rev 1, for Attenuation-Based Remedies for the Subsurface Applied Field Research Initiative (ABRS AFRI) (See Attachment 1, A) 2) No. HQ1001-14, Rev 6, for Energy Employees Occupational Illness Compensation Program (EEOICPA) (See Attachment 1, B) 3) No. IN14025-14, Rev 2, for Energy and Threat (See Attachment 1, C) 4) No. SR091701-14, Rev 5, for In Situ Decommissioning Technology Development and Demonstration (See Attachment 1, D) 5) No. HQTD1005-14, Rev 4, for Increased Wasted Loading (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)			18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			James Lovett		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		18B. UNITED STATES OF AMERICA	
				 (Signature of Contracting Officer)	
				16C. DATE SIGNED	
				06/19/2014	

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>6) No. 13/CJ000/12/01/0, Rev 1, for SRNL - Reviewers for ARPA-E (See Attachment 1, F)</p> <p>7) No. 410003-TS-14, Rev 6, for SRNL Technical Support (See Attachment 1, G)</p> <p>8) No. HQTD1000-14, Rev 3, for Technical Planning, Integration and Risk Management (see Attachment 1-H)</p> <p>9) No. HQTD1001-14, Rev 5, for Waste Retrieval and Closure Technologies (See Attachment 1-H)</p> <p>Funds were previously allocated by separate modifications under FINPLAN No. 12, for Fiscal Year 2014 (copy of FINPLAN provided, see Attachment J).</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>Note: Reference Block 3, Effective Date, see each Contract Work Authorization approval date by the Contracting Officer.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1 CONTRACT ID CODE		PAGE OF PAGES 1 2	
2 AMENDMENT/MODIFICATION NO 0464		3 EFFECTIVE DATE 06/18/2014		4 REQUISITION/PURCHASE REQ NO 14EM002175		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		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				(x) 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		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended <input type="checkbox"/> 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:		\$209,522,423.45	
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) Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> 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 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 13. Funds in the amount of \$209,522,423.45 are hereby obligated to CLIN 0001, thereby increasing it from \$5,445,034,625.49 to \$5,654,557,048.94.							
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 \$6,844,762,969.32 to \$7,054,285,392.77.							
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 9 A 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)			
				Charlene Smith			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)		6/19/14	
NSN 7540-01-152-8070 Previous edition unusable				STANDARD FORM 30 (REV 10-83) Prescribed by GSA FAR (48 CFR) 53.243			

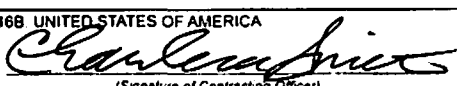
CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/0464PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO 0465		3. EFFECTIVE DATE 06/19/2014		4. REQUISITION/PURCHASE REQ NO. 14EM002175	
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		5. PROJECT NO (If applicable)	
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		(x)		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		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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: \$3,986,556.72					
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 <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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 Commercial (Non-Appropriated Funds)), in accordance with SRNS FINPLAN 13. Funds in the amount of \$3,986,556.72 are hereby obligated to CLIN 0001, thereby increasing it from \$5,654,557,048.94 to \$5,658,543,605.66.					
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 \$7,054,295,392.77 to \$7,058,271,949.49.					
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 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)		
			Charlene Smith		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)	
				16C. DATE SIGNED 6/19/14	
NSN 7540-01-152-8070 Previous edition unusable			STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243		

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0465	2	2

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of \$7,058,271,949.49, includes \$3,986,556.72 of Non-Appropriated funds. The total amount of Non-Appropriated funds increased by \$3,986,556.72 for a cumulative total of \$5,161,147.59 to-date. FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 2

2. AMENDMENT/MODIFICATION NO.

0466

3. EFFECTIVE DATE

06/19/2014

4. REQUISITION/PURCHASE REQ NO.

14EM002175

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 298012421

(x)

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

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)

Net Decrease:

-\$1,748,879.20

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 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 for Other Federal Agencies), in accordance with SRNS FINPLAN 13, as cited below:

- 1) Department of Homeland Security: (-\$277,809.00)
- 2) Department of Justice: (-\$1,450,170.42)
- 3) Environmental Protections Agency: \$19,417.48
- 4) Executive Office of the President: (-\$40,317.26)

The total amount of funds de-obligated is (-\$1,748,879.20), thereby decreasing it from \$5,658,543,605.66 to \$5,656,794,726.46.

Continued ...

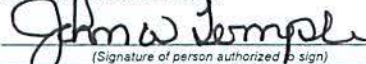
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

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

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

Charlene Smith

15B. CONTRACTOR/OFFEROR


(Signature of person authorized to sign)

15C. DATE SIGNED

6/19/14

16B. UNITED STATES OF AMERICA


(Signature of Contracting Officer)

16C. DATE SIGNED

6/19/14

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

CONTINUATION SHEET

REFERENCE NO C DOCUMENT BEING CONTINUED
DE-AC09-08SK2470/0466PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>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 \$7,058,271,949.49 to \$7,056,523,070.29.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>FOB: Destination</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2 AMENDMENT/MODIFICATION NO 0467		3 EFFECTIVE DATE 06/24/2014		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: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(X) 9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE 798861048 FACILITY CODE		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 ☐ 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	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 _____ 0 _____ 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 contract work authorizations, and input Mod 452 attachment into STRIPES. Accordingly, the following applies:

A. The contract work authorization listed below are hereby incorporated (see attachments 1-A thru 1-M):

- 1) No. HQ091101-14, Rev 6, for Advanced Simulation Capability for Environmental Management (See Attachment 1-A)
- 2) No. HQ091101-14, Rev 5, for Advanced Simulation Capability for Environmental Management (See Attachment 1-B)
- 3) No. HQTD1002-14, Rev 4, for Alternative Waste Pretreatment (See 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.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0467	PAGE 2	OF 2
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NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>4) No. SR071801-14, Rev 2, for Attenuation-Based Remedies for the Subsurface Applied Field Research Initiative (ABRS AFRI) (See Attachment 1, D)</p> <p>5) No. HI-410003-14, Rev 6, for Fuel Cell Technologies Office (See Attachment 1-E)</p> <p>6) No. 89X0319, Rev 6, for Fuel Cycle Technologies (See Attachment 1-F)</p> <p>7) No. 89X0319, Rev 5, for Fuel Cycle Technologies (See Attachment 1-G)</p> <p>8) No. SR091701-14, Rev 6, for In Situ Decommissioning Technology Development and Demonstration (See Attachment 1-H)</p> <p>9) No. HQTD1005-14, Rev 5, for Increased Wasted Loading (See Attachment 1-I)</p> <p>10) No. PC410003-14, Rev 7, for Packaging and Certification and Transportation Operations Support (See Attachment 1-J)</p> <p>11) No. PC410003-14, Rev 6, for Packaging and Certification and Transportation Operations Support (See Attachment 1-K)</p> <p>12) No. 410003-WIPP-14, Rev 0, for SRNL Technical Support WIPP (See Attachment 1-L)</p> <p>13) No. HQTD1001-14, Rev 6, for Waste Retrieval and Closure Technologies (See Attachment 1-M)</p> <p>Funds were previously allocated by separate modifications under FINPLAN No. 12 and FINPLAN 13, for Fiscal Year 2014 (copies of FINPLANS provided, see Attachment N).</p> <p>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.</p> <p>C. Reference Modification 0452, Attachment 2, input in STRIPES only. Distribution of Mod 0452 with the attachment was made on the date of award (THIS ACTON IS FOR STRIPES INPUT ONLY).</p> <p>D. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>Note: Reference Block 3, Effective Date, see each Contract Work Authorization approval date by the Contracting Officer.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2									
2. AMENDMENT/MODIFICATION NO. 0468		3. EFFECTIVE DATE 06/26/2014		4. REQUISITION/PURCHASE REQ. NO. 14EM002259									
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: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)		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		FACILITY CODE											
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS													
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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:		\$1,263,500.00									
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: center;">CHECK ONE</td> <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></td> <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></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td style="text-align: center;">X</td> <td>D. OTHER (Specify type of modification and authority) Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)</td> </tr> </table>						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) Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)
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) Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)												
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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.) The purpose of this modification is to obligate funds and incorporate Contract Work Authorization No. IN14013-14. Accordingly, the following applies:													
A. Department of Energy (DOE) funds in the amount of \$1,263,500.00 are hereby obligated to CLIN 0001, thereby increasing it from \$5,656,794,726.46 to \$5,658,058,226.46, in accordance with FINPLAN No. 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 \$7,056,523,070.29 to \$7,057,786,570.29.													
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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Angela S. Morton											
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA 									
(Signature of person authorized to sign)				(Signature of Contracting Officer)									
NSN 7540-01-152-8070 Previous edition unusable				16C. DATE SIGNED 6/26/14									
STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243													

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0468	PAGE 2	OF 2
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NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>C. In addition, this modification formally incorporates Contract Work Authorization No. IN14013-14, Rev 5, for Energy and Threat, see Attachment 1-A, hereto. Funds were allocated on FINPLAN 15. 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.</p> <p>D. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>FOB: Destination</p>				

Contract Work Authorization Supporting Documentation Index

<u>Document No.</u>	<u>Work Proposal Number</u>	<u>Project Title</u>
A	IN14013-14, Rev 5	Energy and Threat, (5 pages, DOE-SR generated form with reviewers and approval concurrence, Hqts Work Authorization (Funds allocated under FINPLAN 14))

Supporting Documentation No. A

Work Authorization

Work Authorization Number IN14013-14 Revision Number 5	U.S. DEPARTMENT OF ENERGY CONTRACT WORK AUTHORIZATION If you need assistance with this form contact Belinda Beckum 5-5352	Tracking Number CWA-2014-00115				
1a. Project Title: Energy and Threat		1b. Work Proposal Number (if applicable): Various				
1c. Performing Organization <input checked="" type="radio"/> SRNL <input type="radio"/> SRNS						
2. Headquarters Program Point of Contact. Name: Sunny Slacum Organization Code: Telephone No.: 202-586-8865						
3. Headquarters Budget Point of Contact. Name: Debbra 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: 5				
10. Funds Authorized (See note below) Work subject to funds availability.						
Date	B&R Code	Agreement / Project #	Project Value	Previous:	Change:	Current:
6/11/14	GD2540101	3203738		300,000.00	0	300,000.00
	GD2540980	3203735		400,000.00	0	400,000.00
	GD2540250	3203755		0	7,500.00	7,500.00
	Total			700,000.00	7,500.00	707,500.00
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		Title		Email		Phone
Gregory Hull-Ryde/SRNS/Srs		SRS Technical Point of Contact		Gregory.Hull-Ryde@srs.gov		(803) 725-6727
SRS Technical Point of Contact Manager						
Name		Title		Email		Phone
David Wilson/SRNL/Srs		SRS Technical Point of Contact Manager		David.Wilson@srnl.doe.gov		(803) 725-3471
16. DOE-SR Program Point of Contact		17. DOE-SR Field Budget Official		18. Contractor's Authorized Representative.		19. DOE Contracting Officer (or delegated representative).
Patrick Jackson/DOE/Srs		Harold Nielsen/DOE/Srs		John Temple/SRNS/Srs		Angela Morton/DOE/Srs

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." 06/23/2014 06:15 AM

DOE-SR Prog POC

DOE-SR Work Authorization Program

DOE Order 412 Compliance Checksheet

Project Title	Work Authorization Number
Energy and Threat	IN14013-14

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

<input checked="" type="radio"/> Yes <input type="radio"/> No	Project title and reference to work proposal number, if applicable
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters programmatic point of contact, organization, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters budget point of contact, organization code, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible program
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible program Secretarial Officer
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible field organization
<input checked="" type="radio"/> Yes <input type="radio"/> No	Responsible contracting officer if different from above
<input checked="" type="radio"/> Yes <input type="radio"/> No	Site/facility management contractor name, point of contact, and telephone number
<input checked="" type="radio"/> Yes <input type="radio"/> No	Work authorization number, with revision number if applicable
<input checked="" type="radio"/> Yes <input type="radio"/> No	Budget and reporting code and funding level
<input checked="" type="radio"/> Yes <input type="radio"/> No	Dates for performance period, work start, and work completion
	Statement of work (see paragraph below)
<input checked="" type="radio"/> Yes <input type="radio"/> No	Headquarters, field organization, contractor, and if involving changes to scope, schedule, or funding, contracting officer signature blocks
<input checked="" type="radio"/> Yes <input type="radio"/> 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:

<input checked="" type="radio"/> Yes <input type="radio"/> 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
<input checked="" type="radio"/> Yes <input type="radio"/> No	Required milestone dates
<input checked="" type="radio"/> Yes <input type="radio"/> No	Deliverables, including technical information as required by DOE O 241.1A, Scientific and Technical Information Management
<input checked="" type="radio"/> Yes <input type="radio"/> 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	06/17/2014 12:21 PM

DOE-SR Field Budget Official

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

Funding constrained: (Year constrained; CR; etc.) B9X0243 No Year Funds, FY 2014 Budget Authority, projected for FinPlan #14 in July.

☐ 2-year money ☐ 1-year money ☒ No year money ☐ Free moneyIs this funding in the Fin Plan? ☐ Y ☒ N

Is this funding in the Headquarters AFP?

☒ 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
0468	

Attachments



PKG IN1403-14 R5.pdf

Notify on Approval

[General Comment](#)

Submitted	Submitted By	Comment
06/26/2014 01:34:36 PM	Christine Corbin	Mod 0468 pending, will add to funding mod. Funds allocated on FINPLAN 15.
06/24/2014 08:42:37 AM	Kathryn Davis	Attachment should be IN14013

Work Authorization: In Process

Approvers	Title	Assigned	Received	Status Changed	Status
John Temple	SRNS Contractor Auth Rep	06/24/2014 08:43:31 AM	06/24/2014 02:32:15 PM	06/24/2014 02:33:54 PM	Concur
Angela Morton	DOE-SR Contract Officer	06/24/2014 02:33:55 PM	06/26/2014 01:39:35 PM	06/26/2014 01:49:22 PM	Concur
Christine Corbin	DOE-SR Contract Mod Admin	06/26/2014 01:49:23 PM	06/26/2014 01:58:23 PM	06/26/2014 01:58:34 PM	Concur
Kathryn Davis	SRNS Contracts	06/26/2014 01:58:35 PM	-	-	-

Previous Process - Work Authorization: Approved on 06/23/2014

Approvers	Title	Assigned	Received	Status Changed	Status
Gregory Hull-Ryde	Technical POC	06/17/2014 12:30:29 PM	06/23/2014 06:13:33 AM	06/23/2014 06:15:35 AM	Concur
John Christian	DOE-SR Work Auth	06/23/2014 06:15:38 AM	06/23/2014 07:43:45 AM	06/23/2014 07:44:02 AM	Concur
Patrick Jackson	Coordinator	06/23/2014 07:44:04 AM	06/23/2014 10:35:26 AM	06/23/2014 10:37:28 AM	Concur
Harold Nielsen	DOE-SR Program POC	06/23/2014 10:37:31 AM	06/23/2014 03:13:21 PM	06/23/2014 03:15:58 PM	Concur
	DOE-SR Field Budge Off				

Approver Comments

Reviewers

Name	Date Time	Action
Sharon Hunter	6/17/2014 1:11:48 PM	Reviewed
Gregory Hull-Ryde	6/23/2014 6:30:03 AM	Reviewed
Kathryn Davis	6/24/2014 8:43:23 AM	Reviewed

2014-118
AFP
Rev. 5

U.S. DEPARTMENT OF ENERGY
Work Authorization

DOE O 412.1A, 4-21-05

- 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
5. Responsible Program Secretarial Officer: 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: **June** 9. Revision: **5**
10. Funds Hereby Authorized:

B&R Code/STARS Value Code	FY 2014 Initial Amount	Prior Changes to Date	YTD Amount	Current Month Change	FY 2014 Revised Amount
GD2540101 / 3203738 (Analysis)	87,960.00	212,040.00	300,000.00	-	300,000.00
GD2540200 / 1001217 (Investigations)	-	-	-	-	-
GD2540250 / 3203755 (CI Training)	-	-	-	7,500.00	7,500.00
GD2540500 / 1001220 (Insider Threat)	-	-	-	-	-
GD2540700 / 1001222 (Inspections)	-	-	-	-	-
GD2540980 / 3203735 (SCIO)	117,280.00	282,720.00	400,000.00	-	400,000.00
GD2540990 / 3203701 (M&O at DOE HQ)	-	-	-	-	-
Totals:	205,240.00	494,760.00	700,000.00	7,500.00	707,500.00

11. Performance Period: 10/1/2013 till expended 12. Work Start Date: 10/1/2013
13. Expected Completion Date: Continuing

14. Statement of Work: GD2540250 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: 6/11/2014
17. DOE Field Org/Site Office 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		1 CONTRACT ID CODE		PAGE OF PAGES 1 2	
2 AMENDMENT/MODIFICATION NO 0469		3 EFFECTIVE DATE 06/30/2014		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	
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		(x) 9A. AMENDMENT OF SOLICITATION NO		9B DATED (SEE ITEM 11)	
CODE 798861048 FACILITY CODE		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 ☐ 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	D OTHER (Specify type of modification and authority) Clause H-28, Performance-Based Incentives

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. Reference Modification 0451, the purpose of this modification is to incorporate Performance Evaluation Measurement Plan (PEMP), Revision 3, R1 for the period October 1, 2013 through September 30, 2014. The previous edition of the FY 2014 PEMP Revision 3, effective April 16, 2014, is replaced with the revised copy attached hereto. Revision 3, R1 incorporates the following changes:

- 1) incorporates Headquarters comments reference CPARs in Section 9, and
- 2) delete "Karen Hooker (deceased)" name and replace with "Pat McGuire," as the Director, Office of Laboratory Oversight, throughout the document.

NOTE: The original signature page is inserted and the PEMP is reprinted in its entirety
Continued ...

Except as provided herein, all terms and conditions of the document referenced in item D 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		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED



U.S. Department of Energy
Savannah River Site

**PERFORMANCE EVALUATION
MEASUREMENT PLAN**

Savannah River Nuclear Solutions, LLC
CONTRACT NO. DE-AC09-08SR22470
Modification No. 451

Evaluation Period:

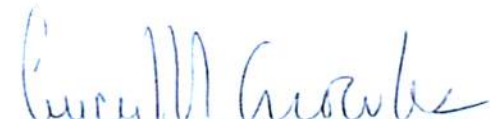
October 1, 2013 through September 30, 2014

Rev. 3 effective: April 16, 2014 (Rev. 3, R1 Jun 30, 2014)

Approval Page

Concurrence:

Date:




Lucy Knowles
Chief Counsel, Office of Chief Counsel

4-16-2014



Jeffrey C. Armstrong
Director, Office of Acquisition Management

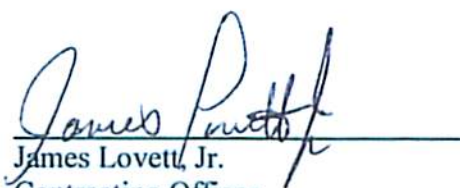
4-16-2014



Douglas E. Hintze
Assistant Manager for Mission Support

09 Apr 2014

Approval:



James Lovett, Jr.
Contracting Officer
Contracts Management Division

4-16-2014

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Revision Summary Log

Rev. #	Rev. Date	Affected Sections / Pages	Description of Revision
0	10/01/13	All	Initial Issue for this evaluation period
1	10/24/13	Page 21, changed incentive summary table to reflect switch of fee from NMS to L.S.	Nuclear Material Stabilization: \$8,900,000 \$8,800,000 Landlord Services: \$6,160,000 \$6,260,000
1	10/24/13	Page 22, changed allocated fee for EMO PBI.	Allocated Fee: \$8,900,000 \$8,800,000
1	10/24/13	Page 23, changed completion criteria for milestone SRNS2014EMO-1.01.	Completion Criteria: Ship one LEU trailer offsite to Areva for TVA contract.
1	10/24/13	Page 25, changed completion criteria for milestone SRNS2014EMO-2.01.	Completion Criteria: Prepare, and receive, and store containers of surplus plutonium and uranium from LANL off-site-items in K Area in accordance with the schedule maintained by DOE-SR.
1	10/24/13	Page 26, changed completion criteria for milestone SRNS2014EMO-2.06.	Completion Criteria: K Area will perform 20 Pu measurements on 20 different cans.
1	10/24/13	Page 26, changed completion criteria for milestone SRNS2014EMO-2.08.	Completion Criteria: Complete FSV +34 or the +48 roof replacement. Replace the Final Storage Vault roof at either the +34 or the +48 level depending on roofer's evaluation.
1	10/24/13	Page 27, changed completion criteria for milestone SRNS2014EMO-3.02.	Completion Criteria: a. Determine feasibility to reduce to a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel. Assumes DNFSB concurrence with proposal. b. If the feasibility study supports reducing to a single exhaust as well as a single generator, and DNFSB supports this concept, issue design to support a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel.
1	10/24/13	Page 27, changed completion criteria for milestone SRNS2014EMO-3.03.	Completion Criteria: Determine the feasibility of study to stopping water intrusion to 221-F RR Tunnel and 800 Underground Cell.
1	10/24/13	Page 27, deleted milestone SRNS2014EMO-3.04.	Date: 12/30/13 Fee: \$100,000 Completion Criteria: Submit DSA/TSR for F/H laboratory based on leak path factor evaluation. Acceptance Criteria: DOE-SR will review the SRNS approved DSA/TSR for the F/H lab based on leak path factor evaluation.
1	10/24/13	Page 43, changed completion criteria for milestone SRNS2014SRNL-2.02.	Completion Criteria: a. Continue work on "strategic" tasks for ORP initiated in FY13—including options for dealing with Te, waste qualification strategies, process scenario evaluations, and glass formulation approaches. This effort could move into leading and executing Grand Challenges in support of the high-level waste processing system at Hanford. Develop program execution plans for Grand Challenge efforts in support of high level waste processing at the Hanford site. Complete first phase of experimentation as part of these programs. Participate on the Hanford Tank Waste Disposition Integrated Flowsheet development team. Perform flowsheet evaluations and provide definition of key interfaces and waste acceptance criteria. b. Perform work for Hanford Contractors including WRPS and WTP. Potential scope areas include continuing work on Caststone, Te removal options, development of waste qualification equipment and approaches.

			<ul style="list-style-type: none"> - Complete full scale mixer testing in support of Caststone work - Complete experimentation on Tc removal options selected during downselection - Develop conceptual design and fabricate test equipment in support of the waste qualification effort <p>c. Continue leadership of the National Laboratory Technical Authority Team in support of the WTP Full Scale Vessel Qualification Testing Program.</p> <ul style="list-style-type: none"> - Define and qualify the instrumentation to be used during the full scale demonstration effort. Develop the simulant to be used during this instrument qualification and the first phase of testing
1	10/24/13	Page 44, changed completion criteria for milestone SRNS2014SRNL-2.03.	<p>Completion Criteria: Provide technology development for EM-20. This is important to establishing SRNL as the EM National Laboratory. These efforts could include:</p> <ul style="list-style-type: none"> a. Develop and issue the next generation performance models and complete oxidation front experimentation studies in support of the Cementitious Barriers Partnership. b. Issue technical report/journal article on the next phase of long term glass corrosion modeling work studies. c. Potential work in separations areas.
1	10/24/13	Pages 44 and 45, changed completion criteria for milestone SRNS2014SRNL-3.01.	<p>Completion Criteria : Provide technical support for SRNS Environmental Compliance & 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: MAPSL SVE Investigation for Vadose Zone CAP, MetLab BaroBall Wells Investigation for Vadose Zone CAP, Southern Sector Aerobic Stimulation Bench Test, Sampling and Analysis Supporting TNX Edible Oil Treatability Study, PAGW OU Characterization, and Timely GC Analysis of Soil Gas, Soil, and Groundwater Samples from EC & ACP. that may include the following:</p> <ul style="list-style-type: none"> a. Provide technical support and report development to Environmental Compliance & Area Completion Projects (EC&ACP) in meeting regulatory milestones and deliverables (e.g., finalize 5 year ROD review deliverable, complete an H-tank Farm Groundwater Monitoring Plan and Sampling and Analysis Plan, complete an F-Tank Farm Groundwater Sampling and Analysis Plan, develop a Five-Year Remedy Review). b. Continue development and transition to passive environmental technologies and approaches for EC&ACP waste site remediation (e.g., T-Area). c. Continue support for operating systems and final closure of groundwater and vadose units (e.g., field sampling and analytical support for EC&ACP technology demonstrations and performance analysis for SVE operating treatment systems).
1	10/24/13	Page 52, changed completion criteria for milestone SRNS2014SRNL-7.03.	<p>Completion Criteria: As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, reduce deferred</p>

			<p>maintenance backlog by effective management of Construction Maintenance orders (CMO) and Major Maintenance scopes and effective execution of IGPP projects. Complete candidate IGPP capital projects that support restoration and sustainment of facility infrastructure as defined in the approved FY14 SVS Implementation Plan. Complete Construction Maintenance Orders and major maintenance scopes as defined in the approved FY14 SVS Implementation Plan.</p>
1	10/24/13	Page 52, changed completion criteria for milestone SRNS2014SRNL-7.04.	<p>Completion Criteria: As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, effectively manage the implementation of the SRNL Infrastructure Plan to minimize operational cost. Implement the SRNL Infrastructure Plan to reduce operational cost by facility and scientific instrument renewal as well as an improved Asset Condition Index as defined in the approved FY14 SVS Implementation Plan.</p>
1	10/24/13	Page 54, changed allocated fee for LS PBI.	<p>Allocated Fee: \$1,410,000 \$1,510,000</p>
1	10/24/13	Page 57, changed completion criteria for milestone SRNS2014LS-3.01	<p>Completion Criteria: Provide liaison support for a successful transition of the privatization of Outsource the SRNS ESS Facilities Maintenance and ensure success by providing business and technical leadership.</p>
1	10/24/13	Page 59, added milestone SRNS2014LS-5.02	<p>Date: 9/30/13 Fee: \$100,000 Completion Criteria:</p> <ul style="list-style-type: none"> Evaluate the Critical Infrastructure Integrated Priority List (CIPL) process and further improve the data content for better use as a tool for funding allocation. Evaluate and report CIPL effectiveness through an analysis of the disposition of CIPL projects from the prior 3 years. <p>Acceptance Criteria: DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:</p> <ul style="list-style-type: none"> Evaluate CIPL documentation. Review the updated CIPL quarterly or as-needed. Evaluate data improvements. Evaluate CIPL effectiveness report.
1	10/24/13	Pages 63 and 64, changed Contract Performance Outcome for PBI SRNS2014SUBJ.	<p>Contract Performance Outcome:</p> <p>Nuclear Materials Management</p> <p>The Contractor shall safely and effectively manage nuclear materials and facilities in accordance with applicable DOE Directives and requirements. Management of nuclear materials at SRS includes storage, operations and disposition.</p> <p>Solid Waste</p> <p>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.</p>

			<p>Soil and Water Remediation</p> <p>The Contractor shall plan and safely execute a program that meets all regulatory commitments reflected in the SRS 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.</p> <p>Savannah River National laboratory (SRNL)</p> <p>SRNL's three-fold mission is to enable the success of SRS 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.</p> <p>Sitewide ES&H Program</p> <p>The Contractor shall conduct a comprehensive ES&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 and the environment in all activities for which it has contractual responsibilities.</p>
1	10/24/13	Page 67, changed fee statement for PBI SRNS2014SUBJ.	Up to \$2,640,000 \$5,000,000 of the allocated fee will be paid for this Contract Output.
2	12/30/13	Pages 68 through 76, added the NNSA PEP.	See PEP, beginning on page 68.
3	7/xx/14	Page 24, replaced member of Fee Board chart.	SMITH, T. Zaack SPEARS, Terrel, Acting
3	7/xx/14	Page 24, deleted member of Fee Board chart, to be determined.	HOOKER, Karen MCGUIRE, Patrick
3	7/xx/14	Page 25, replaced member of Fee Board chart.	PENNINGTON, Michele GREGORY, Johnna
3	7/xx/14	Page 28-29 changed the Description/Background/Justification and fee statement for PBI SRNS2014EMO-01	<p>Description/Background/Justification: Activities associated with the contract outputs support receipt and disposition of vulnerable used nuclear fuels (UNF), FRR/DRR (when authorized), 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 SRS facilities to disposition surplus nuclear materials.</p> <p>Up to \$3,900,000 \$4,300,000 of the allocated fee will be paid for this Contract Output.</p>
3	7/xx/14	Page 29, changed the date, contract output completion, and acceptance criteria for milestone SRNS2014EMO-1.02	<p>Date: 6/30/14 9/12/14 9/30/14 Contract Output Completion Criteria: a. Complete SRE charging and dissolution. b. Transfer 2 dissolver batches of SRE to a sSludge bBatch 9. Acceptance Criteria: DOE-SR will review H Canyon procedures or engineering memo documenting completion of charging, dissolution and sludge batch transfer. GFSI-SRR provides window by 7/1/14.</p>
3	7/xx/14	Page 29, changed the fee and contract output completion criteria for milestone	Fee: \$500,000 \$250,000 ; \$125,000 fee paid 1st and 2nd each quarters.

		SRNS2014EMO-1.03	Contract Output Completion Criteria: Charge two bundles of UNF or Pu to the H Canyon dissolver or probe the dissolver twice per shift crew per-in quarters 1 and 2 to maintain proficiency.
3	7/xx/14	Page 29, changed the contract output completion criteria for milestone SRNS2014EMO-1.04	Contract Output Completion Criteria: Perform 1 st or 2 nd Canyon Cold Run, DCS Simulator Cold Run or actual hot ops to address equipment operability and maintain operator proficiency. (Due to Liquid Waste Min., only two 1st Cycle and two 2nd Cycle Cold Runs per year.
3	7/xx/14	Page 30 changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-1.07	Date: 3/31/14 4/30/14 (a and b) 9/30/14 (c, d and e) Fee: a.\$150,000, b.\$150,000, c.\$150,000, d.\$150,000, e.\$150,000 Contract Output Completion Criteria: a. Implement Waste Min. action to revise the sump flush program to track transfers. b. Implement Waste Min. action to recycle HB-Line column waste for use in 6.4D discontinue use of scrubber jumper on Hot Canyon neutralization tanks. c. Implement Develop Waste Min. action to improve neutralization formula for WAC implementation optimize recycle HB-Line column raffinate or use in 6.4D so it is ready to implement. d. Implement Waste Min. action to refine LAW operation and acid-stripping process. process Replace reboiler vessel of Acid Recovery Unit. e. Load two burial boxes with failed equipment from the warm canyon and ship to E Area. Acceptance Criteria: DOE-SR will review the implemented Liquid Waste Minimization actions by procedure or document review and ensure actions are consistent with the Nuclear Materials System Plan: a) Review Sump Flush procedures and confirm procedures are in accordance with the NCSE; b) Review of neutralization procedures; c) Review HB-Line Raffinate Reuse Evaluation; d) Walkdown and/or review construction work packages; e) Review characterization forms for loaded burial boxes.
3	7/xx/14	Page 30-31, changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-1.08	Date: 9/30/14 6/30/14 9/30/14 7/7/14 Fee: a.\$550,000, \$145,000 b. \$200,000 c. \$505,000 Contract Output Completion Criteria: a. Complete HFIR planning preps Submit SRNS modified and approved OSA-7 and complete the analytical work to develop proposed HFIR Criticality Safety Limits associated with receipt and dissolving of HFIR material. with the exception of the H Canyon NCSE/DSA revision; flowsheet, hydrogen generation study, dissolver insert and storage rack design, fabrication, and installation that may not be completed if funding/staffing is limited. b. Perform evaluation of attractiveness level "C" Complete dissolving operations preps and initiate MTR campaign by dissolving one UNF charge. material for H Canyon dissolution. c. Complete ventilation tunnel inspection with crawler, reduced by \$25K for each week after 7/7/14. No fee after 9/1/14. Acceptance Criteria: DOE-SR will a) review the completed HFIR planning preps SRNS modified and approved OSA-7 for HFIR (prepared in accordance with 10 CFR 830 and DOE Order 460.1C) and HFIR Criticality Safety Limits (prepared in accordance with DOE-STD-3007-2007). the completed evaluation of attractiveness level "C" UNF material. b) Verify the bundles have been dissolved as determined by probing

			(procedure review). c) Review video from crawler inspection or view real time and ensure accessible/desired areas were inspected.
3	7/xx/14	Page 31, changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-1.09	<p>Date: 9/30/14 6/30/14 9/30/14 Fee: a. \$250,000, b. \$100,000 Contract Output Completion Criteria: Complete Canadian Liquid unloading and piping Design. a. SRNS submit the Canadian Liquid Receipts conceptual design package in support of a DOE-SR CD#1. b. SRNS submit revised and approved H-Canyon Double Contingency Analysis (DCA) to include Canadian Liquids. Acceptance Criteria: DOE-SR will a) review Canadian HCU Liquid unloading and piping design documents: Liquid Receipts conceptual design package in support of a DOE-SR CD#1 (prepared in accordance with DOE Order 413.3; design requirements and inputs per SRNS-U1000-2014-00030, dated 2/11/14 and per guidance provided by letter from McGuire to Hunt/Girard dated 2/25/14). b) review SRNS approved, revised H Canyon DCA that includes Canadian Liquids (prepared in accordance with DOE-STD-3007-2007 and applicable ANSI/ANS standards).</p>
3	7/xx/14	Page 31, changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-1.10	<p>Date: 3/31/14 9/30/14 Fee: \$150,000, \$300,000 Contract Output Completion Criteria: Implement all actions needed to resume WIPP blending. Complete PVV filter (5.7F) 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). Acceptance Criteria: DOE-SR will review procedures and documents to verify ready to resume WIPP blending. 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).</p>
3	7/xx/14	Page 32, changed the fee statement for PBI SRNS2014EMO-02	Up to \$2,000,000 \$1,550,000 of the allocated fee will be paid for this Contract Output.
3	7/xx/14	Page 32, changed the acceptance criteria for milestone SRNS2014EMO-2.03	Acceptance Criteria: DOE-SR will review the SRNS approved DSA/TSR supporting FSV FSV (prepared in accordance with 10 CFR 830).
3	7/xx/14	Page 32, changed the acceptance criteria for milestone SRNS2014EMO-2.04	Acceptance Criteria: DOE-SR will review the completed FSV construction project documents and ensure the project is progressing toward a 12/31/14 project completion date and within a \$27.2M base project TPC (\$11.5M FSV scope + \$15.7M original scope) as established in BCP SRNS13M0042 R1.
3	7/xx/14	Page 33, changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-2.05	<p>Date: 3/31/14 9/30/14 Fee: \$500,000, \$50,000 Contract Output Completion Criteria: Complete Readiness Assessment on DSA-Rev. 10/TSR-Rev. 41 to expand K-Area capabilities. In preparation for future Pu disposition operations in K-Area, qualify 1 additional FLM as a DE Handling Supervisor and 3 additional production operators as NDE or DE Handling Operators. Acceptance Criteria: DOE-SR will review FLM and operators qualifications to verify individual certifications. observe RA activities as desired and review the RA declaration of readiness.</p>
3.	7/xx/14	Page 33, changed contract output completion criteria for milestone SRNS2014EMO-2.05	<p>Contract Output Completion Criteria: Replace the Final Storage Vault roof at either the +34 (Final Storage Vault) or the +48 level depending on roofer's</p>

			evaluation.
3	7/xx/14	Page 33, changed the fee statement for PBI SRNS2014EMO-03	Up to \$900,000 \$800,000 of the allocated fee will be paid for this Contract Output.
3	7/xx/14	Page 34, changed the date, fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-3.02	<p>Date: 6/30/14 9/30/14 Fee: a: \$50,000, b: \$50,000 \$100,000 Contract Output Completion Criteria: a. Determine feasibility to reduce to a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel. b. If the feasibility study supports reducing to a single exhaust as well as a single generator, and DNFSB supports this concept, issue design to support a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel. SRNS is to perform the canyon ventilation test to validate the end state recommendations of using a single 292-F exhaust fan. Acceptance Criteria: DOE-SR will review the canyon ventilation test report. SRNS approved feasibility study for a single 292-F exhaust fan supported by a single 254-13F "SS" diesel generator and the design to support the implementation.</p>
3	7/xx/14	Page 34-35, changed the fee and contract output completion criteria for milestone SRNS2014EMO-3.05	<p>Fee: \$650,000 \$550,000; paid at completion of each action item as noted. Contract Output Completion Criteria: SRNS will complete the following 235-F Risk Reduction Actions and provide to DOE for review, approximately 30 days before the DOE IP commitment date as noted in the "Date" column:</p> <ol style="list-style-type: none"> Deliver the Graded EP Drill Report (Action 3-4). (\$50,000) Complete a Readiness Assessment for the Deactivation BIO and submit RA Report (Action 1-4). (\$100,000) Complete removal, isolation, or encapsulation of Fixed Combustibles and provide a final report to DOE (Action 2a-3). (\$150,000) Complete Electrical De-energization scope and provide a final report to DOE (Action 2b-2). (\$150,000) Complete installation and acceptance of the FDAS and provide a final report to DOE (Action 2c-3). (\$150,000) (\$200,000). Complete planned cell infrastructure tasks and report completion (Action 1-3). (\$50,000)
3	7/xx/14	Page 35, changed the Description/Background/Justification and fee statement for PBI SRNS2014EMO-04	<p>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. Up to \$2,000,000- \$2,150,000 of the allocated fee will be paid for this Contract Output.</p>
3	7/xx/14	Page 35-36, changed the fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-4.02	<p>Fee: \$500,000 \$100,000 Contract Output Completion Criteria: Complete UNF Preps for HFIR readiness with the exception of the L-Area DSA, OSA-7 and the new cask insert (if required) which are dependent on funding and staffing. Submit SRNS approved DSA, DCA, NCSE, NSDS, and 302 Manual documents to support HFIR onsite shipment activities and perform modifications to cask CD3 for insert fit-up. Acceptance Criteria: DOE-SR will review the HFIR planning preps were completed with the exception of the L-Area DSA, OSA-7 and new cask insert (if required); and validate completion of the SRNS approved DSA, DCA, NCSE, NSDS and 302 Manual (prepared in accordance with DOE-STD-3007-</p>

			2007, applicable ANSI/ANS standards and 10 CFR 830) and review cask modification work packages.
3	7/xx/14	Page 36, changed the fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-4.03	Fee: \$500,000 \$400,000 Contract Output Completion Criteria: Complete the vacuuming removal for removal of "cob webs" from the top of the fuel bundles from the basin and resurvey the basin per G-ESR-L-00014. Acceptance Criteria: DOE-SR will observe the basin vacuuming activities or observe the basin following the completion of corrective actions to remove the "cob webs" from the top of the fuel and review SRNS G-ESR-L-00014.
3	7/xx/14	Page 36, changed the fee, contract output completion, and acceptance criteria for milestone SRNS2014EMO-4.04	Fee: \$500,000 \$250,000 Contract Output Completion Criteria: Complete NRU/NRX interim schedule milestone. Complete the Startup turnover of the Unloading Station to Operations. Acceptance Criteria: DOE-SR will validate that the activity STR114 is complete by review of the completed work package(s). Startup testing is dependent on AECL delivery of components required during testing (IP-2 Container, 3 different basket types, caddies, dummies, etc.) represented by ID#AECL002. NRU/NRX interim milestone was completed on schedule.
3	7/xx/14	Page 36, added milestone SRNS2014EMO-4.05	Number: SRNS2014EMO-4.05 Date: 7/31/14 Fee: \$200,000 Contract Output Completion Criteria: Submit SRNS approved Basin Mod DSA/TSR. Acceptance Criteria: DOE-SR will review the SRNS approved DSA and TSR and validate that the changes necessary to perform Basin Mods have been incorporated into the documents (developed in accordance with DOE G 421.1-2 and 421.1-1).
3	7/xx/14	Page 36, added milestone SRNS2014EMO-4.06	Number: SRNS2014EMO-4.06 Date: 9/30/14 Fee: \$250,000 Contract Output Completion Criteria: D&R the STS system in support of the basin modification project. Acceptance Criteria: DOE-SR will validate that D&R of the STS system has been field complete by review of completed work packages and with walk-throughs.
3	7/xx/14	Page 36, added milestone SRNS2014EMO-4.07	Number: SRNS2014EMO-4.07 Date: 9/30/14 Fee: \$250,000 Contract Output Completion Criteria: Galvanic Corrosion –Complete galvanic isolation of at least one bucket. 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.
3	7/xx/14	Page 37, added milestone SRNS2014EMO-4.08	Number: SRNS2014EMO-4.08 Date: 9/30/14 Fee: \$50,000 Contract Output Completion Criteria: Perform initial 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). Acceptance Criteria: DOE-SR will validate that the AMCAP IRC has reviewed and approved the ranking and prioritization

			results produced by the AMCAP Team.
3	7/xx/14	Page 37, added milestone SRNS2014EMO-4.09	<p>Number: SRNS2014EMO-4.09 Date: 9/30/14 Fee: \$100,000 Contract Output Completion Criteria: SRNS to remove debris, failed equipment and/or items preventing retrieval of the foil press and shear from the Basin. Acceptance Criteria: DOE-SR will validate that the items have been removed from the Basin/Facility by visual examination.</p>
3	7/xx/14	Page 37, added milestone SRNS2014EMO-4.10	<p>Number: SRNS2014EMO-4.10 Date: 9/30/14 Fee: \$50,000 Contract Output Completion Criteria: Complete ranking and prioritization of isolated and non-AL failed fuel containers based on vulnerability for extended wet storage as approved by the AMCAP IRC. Acceptance Criteria: DOE-SR will validate that the AMCAP IRC has reviewed and approved the ranking and prioritization results produced by the AMCAP Team.</p>
3	7/xx/14	Page 61, deleted Senior level supervisor/division manager for SRNS2014LS.	Senior level supervisor/division manager Nick Delaplane
3	7/xx/14	Page 61, deleted Contract Output & Description/Background for milestone SRNS2014LS-1.01 a, b, and c	<p>Contract Output: The Contractor shall meet all SRNS agreed upon scheduled milestones to plan & execute development of SRS Sustainability initiatives and High Performance Sustainable Buildings (HPSB) program objectives to meet scheduled site sustainability goals.</p> <p>Description/Background: DOE has approved a Complex-wide Strategic Sustainability Performance Plan. This plan addresses such topics as greenhouse gas emission reductions, High Performance Sustainable Buildings (HPSB), water use, and pollution prevention/waste elimination. DOE sites have been tasked to make progress toward goals established for 2015 and 2020. The benchmark for the HPSB 15% reduction is defined in Executive Order (E.O.) 13514 section 2(g). Up to \$100,000 of the allocated fee will be paid for this Contract Output.</p>
3	7/xx/14	Page 61-62, deleted milestone SRNS2014LS-1.01 a, b, and c	<p>Number: SRNS2014LS-1-01 Date: 12/31/13, 1/31/14, 9/30/14 Fee: \$100,000—fee is earned by meeting all milestones. Contract Output Completion Criteria: a. Develop the FY14 Site Sustainability Plan for the Savannah River Site in accordance with the DOE-HQ annual guidance document by 12/31/13. b. Prepare the SRS Consolidated Energy Data Report (CEDR) in accordance with annual DOE-HQ guidance documentation by 1/31/14. c. Continue development of High Performance Sustainable Buildings (HPSB) Program objectives by completing the following activities: <ul style="list-style-type: none"> Conduct lighting-specific walkdowns of facilities, to determine how to comply with the automated lighting controls objective associated required by the HPSB Guiding Principles and develop layouts summarizing how compliance will be achieved. Determine FY15 funding requirement to complete objective. Complete metering objective by installation of meter and establishing monthly meter readings for all facilities in HPSB scope. </p>

			<ul style="list-style-type: none"> • Update EPA Portfolio Manager database as needed to show status of HPSB objectives for all buildings <p>Acceptance Criteria: DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:</p> <ul style="list-style-type: none"> a. Evaluate the FY14 SRS Annual Sustainability Plan and transmit the Plan to DOE-HQ for use in the DOE agency-wide Strategic Sustainability Performance Plan. b. Evaluate the FY14 SRS Consolidated Energy Data Report and transmit the Report to DOE-HQ for use in DOE agency-wide data collection. c. Evaluate documentation associated with the High Performance Sustainable Buildings Program including review of layouts that summarize compliance to program objectives and FY15 funding requirements.
3	7/xx/14	Page 65, added milestone SRNS2014LS-4.03	<p>Number: SRNS2014LS-01 Date: 9/30/14 Fee: \$100,000</p> <p>Contract Output Completion Criteria: For Site Services, demonstrate a rigorous process is in place and utilized for the execution of preventive maintenance (PM) field work. To maximize efficiency and effectiveness of the PM process, establish a central support services work planning process and develop and initiate implementation of an integrated schedule for PM execution that is in alignment with operating mission needs.</p> <p>Acceptance Criteria: DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:</p> <ul style="list-style-type: none"> - Assess the planning center effectiveness through review and validation of planning center effectiveness metrics. - Evaluate the integrated schedule effectiveness via schedule completion metrics. - Evaluate PM completion status vs PM baseline plan.
3	7/xx/14	Page 46-60, removed Karen Hooker's name per DOE-HQ request for PID Number SRNS2014SRNL.	Removed Karen Hooker's name in various places in the document.
3	7/xx/14	Page 21, added wording per DOE-HQ request in Section 9 of this document.	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).

1. Purpose

This document serves as the Performance Evaluation Measurement Plan (PEMP) for fiscal year 2014 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 (SRNS) LLC, approved January 10, 2008.

Incentives are developed annually by DOE 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 as Attachment E.

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 into strategic Outcome, Outputs and Measures

The Savannah River Site 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, DOE strategic goals and program objectives. Incentives and their associated fee demonstrate direct flow down of DOE 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 contract fee is split between EM and NNSA and the ratio is approximately a 55/45 split, making the EM fee \$25M annually. 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 occur to the PEMP in the last 60 days of the evaluation period, unless with bilateral agreement between the CO and the contractor.

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 SRS 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) [SRS 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 is used to measure site level incentive outcomes and acceptance documentation. A PID includes: A Performance Outcome statement, Contract Output performance statements, metrics, Completion Criteria, and Acceptance (documentation) 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 I.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 Board¹/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 determinations, 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.

¹ Federal Acquisition Regulation (FAR) Subpart 16.401 requires an Award-Fee Board for conducting the award-fee evaluation.

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 reclama, 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.

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 PID. 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*.

Attachment A, Integrated Project Team (IPT) Charter

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 SRSO 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.

NAME	FUNCTION	ORGANIZATION
MOODY, Dave	IPT Member [ex officio] DOE Fee Determining Official [FDO]	DOE-SR Site Manager
SMITH, T. Zaek SPEARS, Terrel, Acting	IPT Executive Sponsor/Co-Fee Board Lead	DOE-SR Deputy Manager
HINTZE, Doug	IPT/Co-Fee Board Lead/Performance Incentive Manager	Assistant Manager for Mission Support (AMMS)
MCGUIRE, Pat	IPT/ Performance Incentive Manager	Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)
SPEARS, Terry	IPT /Performance Incentive Manager	Assistant Manager for Waste Disposition Project (AMWDP)
ADAMS, Angelia	IPT/ Performance Incentive Manager	Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)(acting)
HOOKER, Karen MCGUIRE, Pat	IPT/ Performance Incentive Manager	Director, Office of Laboratory Oversight (OLO)
DEAROLPH, Douglas	IPT/Fee Board Member/Performance Incentive Manager	Manager NNSA SRSO

CLARK, William	IPT/ Performance Incentive Manager	Manager NNSA NA-262
LOVETT, James	IPT Member [ex officio] Fee Board Member	Contracting Officer M&O Contract
DAVIS, Peggy	IPT Member	Vice President SRNS Support Services
TEMPLE, John	IPT Member	Director SRNS Contracts Management
CHRISTIAN, John	DOE IPT Technical Lead	Program Analyst for Mission Planning Division
PENNINGTON, Michele GREGORY, Johnna	SRNS IPT Technical Lead	SRNS Contracts Management

Attachment B, Fee Allocation Model

Funding Assumptions for Fee Allocation

Funding for fiscal year 2014 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 is directly funded (direct). Scope cost for support activities funded indirectly by placing a tax on individual funds. See table below for FY14 estimated funding:

Est. Funding	Funding Source:
\$254,992,000	PBS 11C
43,130,000	PBS 12
50,137,000	PBS 13
51,809,000	PBS 30
23,339,000	PBS 20 (EM Safeguards & Security)
\$423,407,000	Total EM Funding
101,528,000	Nuclear Nonproliferation Funding
239,460,000	Defense Programs Funding
12,868,000	NNSA Safeguards & Security
\$777,263,000	Total Projected Funding without Minors and WFO [NOTE: This does not include ESS/Legacy pension support to SRR (PBS 14C)]

The M&O contract identifies \$46,535,000 available fee for the contract period (October 2013 through September 2014). When the fee is subtracted from the Total Projected Funding, the fee base in entire fiscal year 2014 becomes \$730,728,000.

For fiscal year 2014, EM provides 55 percent of the Total Projected Funding, while NNSA provides 45 percent. This percentage is used to allocate the contract fee between EM and NNSA. For fiscal year 2014, EM will manage \$25M of fee applied to incentive work for the evaluation period. NNSA will manage \$21M 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 2014, 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:

PBS	President's Budget	Fee Distribution
PBS 11C	\$254,992,000	\$15,267,000
PBS 12	\$43,130,000	\$2,582,000
PBS 13	\$50,137,000	\$3,002,000
PBS 30	\$51,809,000	\$3,102,000
PBS 20	\$23,339,000	\$1,397,000
EM Funding / Fee	\$423,407,000	\$25,350,000

The following is the DOE-SR EM suggested incentives summary by program for the fiscal year 2014 performance period:

Program	Objective	Subjective	Total
Nuclear Material Stabilization (AMNMSP)	\$8,800,000		\$8,800,000
Environmental Stewardship (AMIES)	\$3,490,000		\$3,490,000
Waste Disposition (AMWPD)	\$1,800,000		\$1,800,000
Landlord Services (Includes: SRNL, Planning, Infrastructure, Landlord Services, Safety, Safeguards & Security, ESSH)	\$6,260,000	\$5,000,000	\$11,260,000
Total	\$20,350,000	\$5,000,000	\$25,350,000

Attachment C, EM Performance Incentive Documents for fiscal year 2014



Performance Incentive Document

PID Number:	SRNS2014EMO	
Activity Name:	Environmental Management Operations	
WBS Number:	1.29.20.04, 1.29.20.05	
Performance Period:	October 1, 2013 - September 30, 2014	
Allocated Fee:	\$8,800,000	
Revision Number:	42	
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.		
<u>Contract Output SRNS2014EMO-01:</u>		
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 (when authorized), 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 SRS facilities to disposition surplus nuclear materials.

Up to ~~\$3,900,000~~ **\$4,300,000** of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.01	9/30/14	\$200,000	Ship one LEU trailer to Areva for TVA contract.

Acceptance Criteria

DOE-SR will validate the LEU shipment via the MC&A Form 741 transfer documentation for the one LEU shipment. GFSI: Vendor must be ready to receive trailers by 7/1/14.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.02	6/30/14 9/12/14 9/30/14	a.\$300,000 b.\$200,000	a. Complete SRE charging and dissolution. b. Transfer 2 dissolver batches of SRE to a sSludge bBatch 9 .

Acceptance Criteria

DOE-SR will review H Canyon procedures or engineering memo documenting completion of charging, dissolution and sludge batch transfer. GFSI: ~~SRR provides window by 7/1/14~~

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.03	9/30/14	\$500,000 \$250,000; \$125,000 fee paid 1st and 2nd each quarters.	Charge two bundles of UNF or Pu to the H Canyon dissolver or probe the dissolver twice per shift crew per-in quarters 1 and 2 to maintain proficiency.

Acceptance Criteria

DOE-SR will review H Canyon dissolver probing procedure 221-H-1987 or actual dissolver charging procedure to ensure a minimum of two actual UNF or Pu bundles or two dissolver probings were completed for each shift each quarter.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.04	9/30/14	\$500,000; \$125,000 fee paid each quarter.	Perform 1 st or 2 nd Canyon Cold Run, DCS Simulator Cold Run or actual hot ops to address equipment operability and maintain operator proficiency. (Due to Liquid Waste Min., only two 1st-Cycle and two 2nd-Cycle Cold Runs per year.

Acceptance Criteria

DOE-SR will review the completed quarterly Cold Run Operations start-up and shut-down procedures and summary data sheets for the one cold run performed for that quarter.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.05	9/30/14	\$100,000	Prepare and issue a revised H Canyon Resumption Plan each quarter.

Acceptance Criteria

DOE-SR will review the SRNS issued quarterly H Canyon Resumption Plan to ensure appropriate elements.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.06	9/30/14	\$500,000	Dissolve one batch of Pu (approximately 20 kgs).
Acceptance Criteria			
DOE-SR will review dissolving procedures or MC&A signed data sheet.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.07	3/31/14	a.\$150,000	a. Implement Waste Min. action to revise the sump flush program to track transfers.
	4/30/14 (a and b)	b.\$150,000	b. Implement Waste Min. action to recycle HB-Line column waste for use in 6.4D discontinue use of scrubber jumper on Hot Canyon neutralization tanks.
	9/30/14 (c, d and e)	c.\$150,000	c. Implement Develop Waste Min. action to improve neutralization formula for WAC implementation optimize recycle HB-Line column raffinate or use in 6.4D so it is ready to implement.
		d.\$150,000	d. Implement Waste Min. action to refine LAW operation and acid stripping process. process Replace reboiler vessel of Acid Recovery Unit.
		e.\$150,000	e. Load two burial boxes with failed equipment from the warm canyon and ship to E Area.
Acceptance Criteria			
DOE-SR will review the implemented Liquid Waste Minimization actions by procedure or document review and ensure actions are consistent with the Nuclear Materials System Plan: a) Review Sump Flush procedures and confirm procedures are in accordance with the NCSE; b) Review of neutralization procedures; c) Review HB-Line Raffinate Reuse Evaluation; d) Walkdown and/or review construction work packages; e) Review characterization forms for loaded burial boxes.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.08	9/30/14	a.\$500,000 \$145,000	a. Complete HFIR planning preps Submit SRNS modified and approved OSA-7 and complete the analytical work to develop proposed HFIR Criticality Safety Limits associated with receipt and dissolving of HFIR material. with the exception of the H-Canyon NCSE/DSA revision, flowsheet, hydrogen generation study, dissolver insert and storage rack design, fabrication, and installation that may not be completed if funding/staffing is limited.
	6/30/14 9/30/14	b.\$100,000 \$200,000	b. Perform evaluation of attractiveness level "C" Complete dissolving operations preps and initiate MTR campaign by dissolving one UNF charge. material for H-Canyon dissolution.

	7/7/14	c. \$505,000	c. Complete ventilation tunnel inspection with crawler, reduced by \$25K for each week after 7/7/14. No fee after 9/1/14.
Acceptance Criteria			
DOE-SR will a) review the completed HFIR planning preps SRNS modified and approved OSA-7 for HFIR (prepared in accordance with 10 CFR 830 and DOE Order 460.1C) and HFIR Criticality Safety Limits (prepared in accordance with DOE-STD-3007-2007). the completed evaluation of attractiveness level "C" UNF material. b) Verify the bundles have been dissolved as determined by probing (procedure review). c) Review video from crawler inspection or view real time and ensure accessible/desired areas were inspected.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.09	9/30/14	a. \$250,000	Complete Canadian Liquid unloading and piping Design.
	6/30/14		a. SRNS submit the Canadian Liquid Receipts conceptual design package in support of a DOE-SR CD#1.
	9/30/14	b. \$100,000	b. SRNS submit revised and approved H-Canyon Double Contingency Analysis (DCA) to include Canadian Liquids.
Acceptance Criteria			
DOE-SR will a) review Canadian HEU Liquid unloading and piping design documents. Liquid Receipts conceptual design package in support of a DOE-SR CD#1 (prepared in accordance with DOE Order 413.3; design requirements and inputs per SRNS-U1000-2014-00030, dated 2/11/14 and per guidance provided by letter from McGuire to Hunt/Girard dated 2/25/14). b) review SRNS approved, revised H Canyon DCA that includes Canadian Liquids (prepared in accordance with DOE-STD-3007-2007 and applicable ANSI/ANS standards).			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-1.10	3/31/14	\$150,000	Implement all actions needed to resume WIPP blending.
	9/30/14	\$300,000	Complete PVV filter (5.7F) 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).
Acceptance Criteria			
DOE-SR will review procedures and documents to verify ready to resume WIPP blending. 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).			
<u>Contract Output SRNS2014EMO-02:</u>			
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 will continue with construction of Final Storage Vault.

Up to ~~\$2,000,000~~ **\$1,550,000** of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.01	9/30/14	\$500,000; \$125,000 paid quarterly.	Prepare, receive, and store containers of surplus plutonium and uranium from LANL in K Area in accordance with the schedule maintained by DOE-SR.

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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.02	9/30/14	\$225,000; \$25,000 per can, invoiced quarterly.	Complete 9 Destructive Evaluation (DE) Surveillances on DOE-STD-3013 Storage Containers.

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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.03	6/30/14	\$100,000	K Area will submit to DOE the SRNS approved DSA/TSR supporting Final Storage Vault (FSV).

Acceptance Criteria

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

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.04	8/31/14	\$250,000	Complete Final Storage Vault (FSV) project construction and ensure the project is progressing toward a 12/31/14 project completion date and within a \$27.2M base project TPC (\$11.5M FSV scope + \$15.7M original scope) as established in BCP SRNS13M0042 R1.

Acceptance Criteria

DOE-SR will review the completed FSV construction project documents.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.05	3/31/14 9/30/14	\$500,000 \$50,000	Complete Readiness Assessment on DSA Rev. 40/TSR Rev. 41 to expand K Area capabilities. In preparation for future Pu disposition operations in K-Area, qualify 1 additional FLM as a DE Handling Supervisor and 3 additional production operators as NDE or DE Handling Operators.
Acceptance Criteria			
DOE-SR will review FLM and operators qualifications to verify individual certifications, observe RA activities as desired and review the RA declaration of readiness.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.06	9/30/14	\$200,000; \$10,000 per can.	K Area will perform Pu measurements on 20 different cans.
Acceptance Criteria			
DOE-SR will review the non-destructive analysis measurement form.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.07	9/30/14	\$125,000	Support IAEA Inventory Inspections.
Acceptance Criteria			
DOE-SR will validate that KAC personnel provided adequate preparation and support during the IAEA Inventory inspections.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-2.08	9/30/14	\$100,000	Replace the Final Storage Vault roof at either the +34 (Final Storage Vault) or the +48 level depending on roofer's evaluation.
Acceptance Criteria			
DOE-SR will review the roofing subcontractors completion document or the 8Q-51 safety walkdown (OSR 20-22) completed by SRNS.			
<u>Contract Output SRNS2014EMO-03:</u>			
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.			
Up to \$900,000 \$800,000 of the allocated fee will be paid for this Contract Output.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.01	3/30/14	\$100,000	Revise F-Canyon Complex Surveillance and Maintenance (S&M) Plan to allow transition to reduced S&M.
Acceptance Criteria			
DOE-SR will review the revised SRNS approved F-Canyon Complex S&M Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.02	6/30/14	a. \$50,000	a. Determine feasibility to reduce to a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel.
	9/30/14	b. \$50,000 \$100,000	b. If the feasibility study supports reducing to a single exhaust as well as a single generator, and DNFSB supports this concept, issue design to support a single 292-F exhaust fan operation mode with a single 254-13F "SS" Diesel. SRNS is to perform the canyon ventilation test to validate the end state recommendations of using a single 292-F exhaust fan.
Acceptance Criteria			
DOE-SR will review the canyon ventilation test report . SRNS approved feasibility study for a single 292-F exhaust fan supported by a single 254-13F "SS" diesel generator and the design to support the implementation.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.03	9/30/14	\$50,000	Determine the feasibility of stopping water intrusion to 221-F RR Tunnel and 800 Underground Cell.
Acceptance Criteria			
DOE-SR will review the SRNS approved water intrusion feasibility.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.04			Deleted in Rev 1.
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-3.05	9/30/14	\$650,000; \$550,000; paid at completion of each action item as noted.	SRNS will complete the following 235-F Risk Reduction Actions and provide to DOE for review , approximately 30 days before the DOE IP commitment date as noted in the "Date" column: g. Deliver the Graded EP Drill Report (Action 3-4). (\$50,000) h. Complete a Readiness Assessment for the Deactivation BIO and submit RA Report (Action 1-4). (\$100,000)

			<ul style="list-style-type: none"> i. Complete removal, isolation, or encapsulation of Fixed Combustibles and provide a final report to DOE (Action 2a-3). (\$150,000) j. Complete Electrical De-energization scope and provide a final report to DOE (Action2b-2). (\$150,000) k. Complete installation and acceptance of the FDAS and provide a final report to DOE (Action 2c-3). (\$150,000) (\$200,000) l. Complete planned cell infrastructure tasks and report completion (Action 1-3). (\$50,000)
Acceptance Criteria			
DOE-SR will review the SRNS approved and completed 235-F IP actions.			
<u>Contract Output SRNS2014EMO-04:</u>			
Receive, unload, and store Used Nuclear Fuel (UNF) in L Area.			
Description/Background/Justification:			
<p>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 Augmenteded Monitoring and Condition Assessment Program (AMCAP) support to maintain the facilities in a safe and operable condition.</p> <p>Up to \$2,000,000 \$2,150,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.01	9/30/14	\$500,000; \$125,000 paid quarterly	Receive and unload FRR/DRR fuel per schedule.
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.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.02	9/30/14	\$500,000 \$100,000	Complete UNF Preps for HFIR readiness with the exception of the L-Area DSA, OSA-7 and the new cask insert (if required) which are dependent on funding and staffing. Submit SRNS approved DSA, DCA, NCSE, NSDS, and 302 Manual documents to support HFIR onsite shipment

			activities and perform modifications to cask CD3 for insert fit-up.
Acceptance Criteria			
DOE-SR will review the HFIR planning preps were completed with the exception of the L-Area DSA, OSA-7 and new cask insert (if required); and validate completion of the SRNS approved DSA, DCA, NCSE, NSDS and 302 Manual (prepared in accordance with DOE-STD-3007-2007, applicable ANSI/ANS standards and 10 CFR 830) and review cask modification work packages.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.03	6/30/14	\$500,000 \$400,000	Complete the vacuuming removal for removal of “cob webs” from the top of the fuel bundles from the basin and resurvey the basin per G-ESR-L-00014.
Acceptance Criteria			
DOE-SR will observe the basin vacuuming activities or observe the basin following the completion of corrective actions to remove the “cob webs” from the top of the fuel and review SRNS G-ESR-L-00014.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.04	9/30/14	\$500,000 \$250,000	Complete NRU/NRX interim schedule milestone. Complete the Startup turnover of the Unloading Station to Operations.
Acceptance Criteria			
DOE-SR will validate that the activity STR114 is complete by review of the completed work package(s). Startup testing is dependent on AECL delivery of components required during testing (IP-2 Container, 3 different basket types, caddies, dummies, etc.) represented by ID#AECL002. NRU/NRX interim milestone was completed on schedule.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.05	7/31/14	\$200,000	Submit SRNS approved Basin Mod DSA/TSR.
Acceptance Criteria			
DOE-SR will review the SRNS approved DSA and TSR and validate that the changes necessary to perform Basin Mods have been incorporated into the documents (developed in accordance with DOE G 421.1-2 and 421.1-1).			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.06	9/30/14	\$250,000	D&R the STS system in support of the basin modification project.
Acceptance Criteria			
DOE-SR will validate that D&R of the STS system has been field complete by review of completed work packages and with walk-throughs.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.07	9/30/14	\$250,000	Galvanic Corrosion – Complete galvanic isolation of at least one bucket.
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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.08	9/30/14	\$50,000	Perform initial 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).

Acceptance Criteria

DOE-SR will validate that the AMCAP IRC has reviewed the preliminary test results produced by the AMCAP Team.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.09	9/30/14	\$100,000	SRNS to remove debris, failed equipment and/or items preventing retrieval of the foil press and shear from the Basin.

Acceptance Criteria

DOE-SR will validate that the items have been removed from the Basin/Facility by visual examination.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 EMO-4.10	9/30/14	\$50,000	Complete ranking and prioritization of isolated and non-AL failed fuel containers based on vulnerability for extended wet storage as approved by the AMCAP IRC.

Acceptance Criteria

DOE-SR will validate that the AMCAP IRC has reviewed and approved the ranking and prioritization results produced by the AMCAP Team.



Performance Incentive Document

PID Number:	SRNS2014SW	
Activity Name:	Solid Waste	
WBS Number:	1.29.32.25	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$1,800,000	
Revision Number:	0	
Senior level manager/Performance Incentive Manager:	Terry Spears Assistant Manager for Waste Disposition Project (AMWDP)	
Senior level supervisor/division manager:	Jim Folk	
Contract Performance Outcome:		
<p>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.</p> <p>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.</p>		
<u>Contract Output: SRNS2014SW-01</u>		
<p>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 disposal of legacy TRU waste.</p>		

Description/Background/Justification:			
<p>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 SRS waste management. DOE Order 435.1 drives the timely disposal of wastes generated at DOE sites. The ARRA program remediated and repackaged legacy TRU wastes into WIPP compliant packaging. This waste has been WIPP certified or was identified as LLW and is awaiting disposal. Disposal of the legacy TRU is also a high priority for the State of South Carolina.</p> <p>Up to \$1,800,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.01	9/30/14	\$800,000; \$200,000 per quarter	LLW will be disposed in a timely manner such that in-storage time will be < 3 months in duration. Exceptions may be approved by DOE upon request.
Acceptance Criteria			
DOE will perform validation by reviewing, on a quarterly basis, the time in storage for the LLW not permanently disposed.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.02	6/30/14	\$400,000	TRU – Complete disposal of all legacy TRU packaged in SLB2s via TRUPACT-III shipments. Assumptions for this incentive include: 4 shipments per week; 6 week WIPP shipping outage and various non-shipping holidays during the period of performance.
Acceptance Criteria			
DOE will perform validation by reviewing the remaining legacy TRU inventory and assuring that all of the SLB2s have been disposed.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.03	9/30/14	\$500,000	Complete disposal of all legacy, contact handled, TRU waste at the WIPP Site. This includes all LLW and MLLW re-characterized from the TRU legacy program. This incentive assumes that DOE-CBFO will continue to fund characterization and shipping and provide adequate shipments. SRNS will work a 40 hour work week. Containers WMPSLB022C, WMPSLB018B, SR21524413, and SR21524414 are excluded.
Acceptance Criteria			
DOE will perform validation by reviewing Waste Inventory Tracking System (WITS) reports and documented legacy waste identified in the "Original Volume Tracking" Excel spreadsheet.			

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SW-1.04	9/30/14	\$100,000	A closure plan for TRU Pad 16 and modifications to the TRU Pad Volume of the Site RCRA Permit will be submitted to DOE-SR in support of submittal to SC-DHEC. The modifications will include reduction of prescriptive wording (e.g. requirement to be radiologically non-contaminated) and provide a sound technical rationale for both the modifications and the closure plan.
Acceptance Criteria			
DOE will perform validation by accepting the closure plan and proposed permit modification.			



Performance Incentive Document

PID Number:	SRNS2014ACP	
Activity Name:	Area Completion Project	
WBS Number:	1.29.32.01, 1.29.32.02, 1.29.32.03, 1.29.32.04, 1.29.32.05, 1.29.32.06	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$3,490,000	
Revision Number:	0	
Senior level manager/Performance Incentive Manager:	Karen Guevara Assistant Manager for Infrastructure & Environmental Stewardship (AMI&ES)	
Senior level supervisor/division manager:	Angelia Adams	
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.		
<u>Contract Output SRNS2014ACP-01:</u>		
Meet all FFA Milestones, RCRA Permit and CERCLA Record of Decision (ROD/Interim ROD) commitments due between October 1, 2013, and September 30, 2014, as described in the Federal Facility Agreement for the Savannah River Site (Administrative Document # 89-05-FF) and the SRS 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 SRS to meet regulatory requirements that will meet the Area Completion Strategy to clean up the SRS and reduce the Site 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 SRS. The regulatory and stakeholder support of the SRS depends on continued full regulatory compliance and achievement of commitments and milestones.		

Up to \$2,500,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-1.01	3/31/14	\$1,250,000	All RCRA Permit commitments and FFA milestones are achieved from October 1, 2013, through March 31, 2014.

Acceptance Criteria

All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates. Documentation is provided demonstrating that milestone/submittal dates 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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-1.02	9/30/14	\$1,250,000	All RCRA Permit commitments and FFA milestones are achieved from April 1, 2014, through September 30, 2014.

Acceptance Criteria

All FFA milestones and RCRA Permit commitments are met by the milestone/submittal dates. Documentation is provided demonstrating that milestone/submittal dates 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: SRNS2014ACP-02:

Evaluate additional EC & ACP groundwater sampling and reporting activities to identify opportunities to reduce costs within PBS-30 and ESS.

Description/Background/Justification:

In FY 2012, DOE-SR incentivized the development of a comprehensive Groundwater Monitoring and Reporting Optimization Plan and Report (SRNS2012ACP-02) that identified opportunities for optimization of monitoring networks and reductions in the long-term costs of groundwater monitoring at units where mature and established groundwater programs were underway. In 2013, DOE incentivized SRNS to negotiate and implement optimization activities consistent with the plan (SRNS2013 ES-12.01 and 12.02).

This Phase II proposal is to develop a similar Groundwater Monitoring and Report Optimization Plan that will focus on the remaining groundwater units that were not included in Phase 1 because they did not have a mature established monitoring program under RCRA/CERCLA or because they are associated with regulatory programs other than RCRA and CERCLA, such as Underground Storage Tanks, Landfills and the Clean Water Act.

Up to \$500,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-2.01	2/28/14	\$250,000	Prepare and provide to DOE ACP a Groundwater Optimization Plan by 2/28/14.
Acceptance Criteria			
SRNS –EC & ACP will provide a Phase II Groundwater Monitoring and Reporting Optimization Plan that will provide for identification and documentation of opportunities for groundwater optimization of monitoring networks/reporting and reductions in the long-term costs of groundwater monitoring for groundwater units, that was not included in the Phase I Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-2.02	9/30/14	\$250,000	Prepare and provide to DOE ACP a report documenting the groundwater monitoring and reporting optimization opportunities.
Acceptance Criteria			
SRNS will provide a report outlining the results of the groundwater monitoring evaluation to DOE and DOE will approve. DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.			
<u>Contract Output SRNS2014ACP-03 (Deferred from FY 13):</u>			
Automate environmental field and analytical data to automatically generate routine reports and improve reporting capability. Program and deploy electronic field devices to replace the use of paper logbooks to improve quality of field data collection. Program data collection system to automatically generate routine reports to improve speed and overall accuracy of data reporting.			
Description/Background/Justification:			
DOE SR is obligated to collect, manage, maintain and report environmental data to meet requirements of DOE Orders and environmental regulations and statutes, including DOE Order 458.1, Radiation Protection of the Public and Environment and RCRA, CAA, CWA, and CERCLA.			
The Environmental Restoration Data Management System (ERDMS) is used to manage environmental monitoring data. This system requires extensive manual data review and tracking of data generating reports of varying quality. Also, field monitoring results are collected in paper logbooks and collection accuracy is highly dependent on minimizing human error. Routine reports are generated with a high level of human involvement.			

Up to \$390,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-3.01	7/31/14	\$150,000	Program and deploy handheld devices to transfer monitoring data directly into ERDMS.

Acceptance Criteria

EC & ACP will demonstrate and will document the use and effectiveness of electronic handheld devices to collect field information and data transfer into ERDMS vs. the use of paper field logbooks for effluent monitoring and environmental surveillance programs.

EC & ACP will provide documentation to demonstrate compliance with site requirements including QA, software, and information control.

EC & ACP will provide documentation of benefits and provide estimate of cost, time or resource savings.

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-3.02	9/30/14	\$240,000	Modify ERDMS to automatically generate routine monitoring reports.

Acceptance Criteria

EC & ACP will demonstrate and document the development and implementation of program to generate automated environmental reports, such as the Monthly Discharge Monitoring Reports, the Monthly Radiological Releases Reports, the Wildlife Hunt Reports, and the Weekly and the Quarterly Tritium Reports by reviewing the reports for completeness, accuracy and compliance with reporting deadlines.

EC & ACP will provide documentation to demonstrate compliance with site requirements including QA, software, and information control.

EC & ACP will provide documentation of benefits and provide estimate of cost, time or resource savings.

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.

Contract Output SRNS2014ACP-04:

Complete characterization of Building 690-N to support future Deactivation and Decommissioning.

Description/Background/Justification:

Building 690-N (Ford Building) is a high risk facility with significant radiological and PCB contamination. The facility is deteriorating and requires frequent maintenance to mitigate the spread of existing contamination. A Decommissioning Plan was completed and submitted to DOE in FY 13 (Contract Output SRNS2013ES-16.01) that included recommendations for characterization to quantify the nature and extent of contamination and condition to support future D&D of the facility.

The Ford Building is a steel frame/siding structure constructed in the early 1950s to test motor control packages for the R, P, L, K and C Reactors. In the 1960s, the structure was modified to support the repair and rework of Reactor heat exchangers. Key facilities and/or structures associated with 690-N include:

- 652-44N electrical substation and fuel oil containment dike (provided electricity and fuel oil for heating to the building),
- Deionizer trailer (used to remove radiological contaminants from Reactor disassembly basin water), and
- Transport trailer (utilized to haul heavy loads between Reactor areas and stored adjacent to the 690-N Building).

PCB-contaminated oils were used in milling/lathe operations for heat exchanger repair in 690-N (Ford Building). In 1997, these PCB-contaminated oils were found to have contaminated equipment and the floor in the building. An initial clean-up was performed and the residual contamination was encapsulated with a floor coating in 1998. Inspections conducted since 1998 continue to reveal areas where PCB-contaminated oil has migrated up through the floor coating, necessitating regular maintenance and reapplication of the coating material. The extent of PCB contamination below the 690-N Building is undetermined. The Deionizer trailer is not thoroughly characterized, but is assumed to contain lead and high levels of radiological contamination based on the conditions of trailers used for similar purposes at the SRS.

Up to \$100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 ACP-4.01	8/31/2014	\$100,000	Complete characterization of the 690-N Ford Building and its ancillary equipment and facilities (652-44N, Deionizer and Transport Trailers).

Acceptance Criteria

EC & ACP will complete and document characterization completion of Building 690-N and its ancillary equipment and facilities. The result are needed to support future deactivation and decommissioning and removal/remedial action(s)

DOE-SR will validate acceptance of the incentive based on a review of the documentation provided.



Performance Incentive Document

PID Number:	SRNS2014SRNL
Activity Name:	Savannah River National Laboratory (SRNL)
WBS Number:	Numerous
Performance Period:	October 1, 2013 – September 30, 2014
Allocated Fee:	\$4,750,000
Revision Number:	1
Senior level manager/Performance Incentive Manager:	Pat McGuire Director, Office of Laboratory Oversight Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)
Senior technical advisor:	Patrick Jackson Jay Ray
Contract Performance Outcome: SRNL's three-fold mission is to enable the success of SRS 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 nations' premier laboratory in Environmental Management, National & Homeland Security, and Energy Security (Source: SRNS Contract).	

Contract Output: SRNS2014SRNL-01 (Pat McGuire)

Deliver Disposition Paths for Nuclear Material.

Description/Background/Justification:

SRS'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

SRS 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 SRS 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

SRS 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

SRS 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.

Up to \$650,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.01	9/30/14	\$225,000	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. a. Complete FY14 data set 2 analyses for # DE packages.

			<ul style="list-style-type: none"> b. Complete unloading of Series 3 of shelf life studies. c. Complete FY14 annual report on 9975 Life Extension o-ring test fixtures.
Acceptance Criteria			
DOE-SR will perform validation of the following: <ul style="list-style-type: none"> a. Loading and initial data sheets for Series 3 of shelf life studies. b. FY14 data set 2 analyses for 3013 Program. c. FY14 annual report on 9975 Life Extension o-ring test fixtures. 			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.02	9/30/14	\$75,000	<p>Provide technical support to Nuclear Materials for the Spent Fuel Program.</p> <ul style="list-style-type: none"> a. Complete extracted basin core testing and prepare and issue degradation evaluation report. b. Complete revision of corrosion surveillance program plan to include increase in coupon withdraw and analysis schedule; new rack material; and automated characterization and optimized corrosion analysis. c. Complete report for detailed corrosion analysis of the can-specific inventory of fuel/clad sections in oversized canister. Report to include corrosion, thermodynamic and kinetic analysis for fuel clad systems to provide estimate of fuel and internal water activity conditions. d. Complete analysis of handling and transportation challenges from L to H area in damaged and vulnerable fuel (sectioned SS, zircaloy stored in OS canisters) including evaluating particulates and hydrogen generation from radiolysis and corrosion.
Acceptance Criteria			
DOE-SR will perform validation of the following: <ul style="list-style-type: none"> a. Degradation evaluation report. b. Revision of corrosion surveillance program plan. c. Report on detailed corrosion analysis of the can-specific inventory of fuel/clad sections in oversized canister. d. Analysis of handling and transportation challenges from L to H area in damaged and vulnerable fuel. 			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-1.03	9/30/14	\$350,000	Develop and demonstrate flowsheets and equipment for application in H-canyon/HB-Line.

			<p>Potential scope could include:</p> <ul style="list-style-type: none"> a. Fabrication and deployment of crawler to inspect ventilation system. b. Flowsheet development for next set of material to be processed. c. Program to reduce the amount of waste sent to the Tank Farms. d. Provide requested support to H-Canyon for processing used Nuclear Fuel (UNF) such as Hydrogen Generation Studies.
Acceptance Criteria			
DOE-SR will perform validation of the agreed upon items for FY14.			

<p><u>Contract Output SRNS2014SRNL-02 :</u></p> <p>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.</p>
<p>Description/Background/Justification:</p> <p>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.</p> <p>At SRS, 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 SRS has made significant progress. Tank Closure Program activities are on schedule to meet or exceed all Federal Facility Agreement commitments.</p> <p>At Hanford, construction is well underway on the Pretreatment and Vitrification facilities. SRNL experience at SRS can be utilized to support flowsheet and other technology development activities.</p> <p>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</p>

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.

Up to \$1,245,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.01	9/30/14	\$700,000	<p>Execute scope to provide technical bases, characterization results, consultation in support of SRS Tank Waste Projects. These efforts are likely to include support for the following:</p> <ul style="list-style-type: none"> a. DWPF/Saltstone waste form, flowsheet, sludge batch qualification. Qualify next sludge batch including developing processing options and frit formulation - dependent on SRR schedule for canister production. b. Tank Farm sample characterization, corrosion program. Perform sample characterization (dependent on sample needs) and support corrosion control program. c. Tank Closure sample characterization. Characterize any closure samples received to determine residual material left in tanks. d. Salt Processing. Qualify needed salt batches and support deployment of next generation solvent. e. Tank Closure/Saltstone Waste Disposition. Support SRR PA work through modeling and experimental scope - dependent on facility needs.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.02	9/30/14	\$470,000	To maintain and enhance SRNL as a pre-eminent center for research, development, and deployment of technologies to cleanup the environmental legacy of the Nation's nuclear programs, SRNL

			<p>will lead and execute scope for Hanford by providing technical bases and consultation. Scope to include:</p> <ul style="list-style-type: none"> a. Develop program execution plans for Grand Challenge efforts in support of high level waste processing at the Hanford site. Complete first phase of experimentation as part of these programs. Participate on the Hanford Tank Waste Disposition Integrated Flowsheet development team. Perform flowsheet evaluations and provide definition of key interfaces and waste acceptance criteria. b. Perform work for Hanford Contractors including WRPS and WTP. <ul style="list-style-type: none"> - Complete full scale mixer testing in support of Caststone work - Complete experimentation on Tc removal options selected during downselection - Develop conceptual design and fabricate test equipment in support of the waste qualification effort c. Continue leadership of the National Laboratory Technical Authority Team in support of the WTP Full Scale Vessel Qualification Testing Program. <ul style="list-style-type: none"> - Define and qualify the instrumentation to be used during the full scale demonstration effort. Develop the simulant to be used during this instrument qualification and the first phase of testing
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Acceptance Criteria

DOE-SR will perform validation of the programs discussed above.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-2.03	9/30/14	\$75,000	<p>Provide technology development for EM-20. This is important to establishing SRNL as the EM National Laboratory. These efforts include:</p> <ul style="list-style-type: none"> a. Develop and issue the next generation performance models and complete oxidation front experimentation studies in support of the Cementitious Barriers Partnership. b. Issue technical report/journal article on the next phase of long term glass corrosion modeling

			work.
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			

<u>Contract Output SRNS2014SRNL-03 :</u>			
Develop and deploy Next Generation Cleanup Technologies.			
Description/Background/Justification:			
<p>The environmental cleanup of SRS 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.</p> <p>SRS 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. SRS plans to make these new technologies available across the country and internationally to assist others in their own cleanup efforts. SRS technological expertise and knowledge in cleanup has been highlighted to assist Japan in the remediation efforts at the Fukushima-Daiichi Nuclear Power Station.</p> <p>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.</p> <p>Up to \$470,000 of the allocated fee will be paid for this Contract Output.</p>			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.01	9/30/14	\$50,000	Provide technical support for SRNS Environmental Compliance & 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: MAPSL SVE Investigation for Vadose Zone CAP, MetLab BaroBall Wells Investigation for Vadose Zone CAP, Southern Sector Aerobic Stimulation Bench Test, Sampling and Analysis Supporting TNX Edible Oil Treatability Study, PAGW OU Characterization, and Timely GC

			Analysis of Soil Gas, Soil, and Groundwater Samples from EC & ACP.
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.02	9/30/14	\$160,000	Provide technical support for SRNS Solid Waste Management. SRNL plans to: <ol style="list-style-type: none"> Develop and submit to DOE the FY 2014 Performance Assessment Maintenance Plan. Develop and submit to DOE the FY 2014 Composite Analysis Maintenance Plan. Develop and submit to DOE the FY 2013 PA Annual Review report. Develop and submit to DOE the FY 2013 CA Annual Review report. Develop and submit to SWM the UDQE to assess new modeling information. Complete and issue TBD reports.
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.03	9/30/14	\$100,000	Provide technical development for EM-10 on Environmental Compliance (EM-11), Soil & Groundwater Remediation (EM-12), D&D and Facility Engineering (EM-13). <ol style="list-style-type: none"> Provide LFRG technical support activities and technical support for the DOE Order 435.1 update. Applied Field Research Initiative (AFRI) technology development and ASCEM User Interface, Tank Demonstration, and testing at F-Area. In Situ Decommissioning (ISD) Sensor Network Test Bed and further ISD developments.
Acceptance Criteria			
DOE-SR will perform validation of the programs supported.			
Number	Date	Fee	Contract Output Completion Criteria:

SRNS2014 SRNL-3.04	9/30/14	\$100,000	<p>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 the following:</p> <ol style="list-style-type: none"> Lead development and negotiations of new business contract(s) with Tokyo Electric Power Company (TEPCO) in Japan. Execute PNNL partnership to support technical scope of contract with TEPCO. 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.). Deliver emergent support to Fukushima cleanup based on EM laboratory leadership, capabilities and expertise.
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Acceptance Criteria

DOE-SR will perform validation of the following:

- Negotiated contract(s) with TEPCO.
- PNNL partnership performance.
- SRNL participation or leadership in governmental agency support to Fukushima remediation.
- Validate laboratory support to emergent Fukushima cleanup issues. Validation will include pass/fail consideration for the above listed components.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-3.05	9/30/14	\$60,000	Relocate the Packaging Certification Program (PCP) Docket files from Germantown, Maryland to Savannah River National Laboratory. Transition the EM-33 PCP Docket Manager from Eagle Research to SRNL.

Acceptance Criteria

DOE-SR will perform validation of the programs supported.

Contract Output SRNS2014SRNL-04 :

Develop Solutions to Close and Better Secure the Nuclear Fuel Cycle.

Description/Background/Justification:

SRNL helps develop the nations' 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.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-4.01	9/30/14	\$300,000	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 SRS. As part of this mission, SRNL will develop and lead the nations used (spent) nuclear fuel cycle initiatives through participation in the DOE Fuel Cycle Research and Development (FCR&D) Program. Perform DOE-NE FCR&D program funded work activities as specified in the Program Information Collection System NE (PICSNE) defined in terms of cost, schedule and technical performance. Complete all required Level 2 and Level 3 milestones (number TBD) for the Used Fuel Disposition Campaign, Separations and Waste Forms Campaign, and Fuel Cycle Options Campaign.

Acceptance Criteria

DOE-SR will perform validation of the following: completed reports, presentations, and publications identified in the funded DOE-NE FCR&D scope.

Contract Output SRNS2014SRNL-05 :

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.

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 SRS 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 SRS strategic initiative and goal for EM sites.

Up to \$325,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-5.01	9/30/14	\$325,000	<p>The vision for SRNL is to be the nation's premier applied science laboratory in Environmental Management, National and Homeland Security, and Energy Security. As part of the efforts in Energy Security the following Clean Energy Projects will be completed :</p> <ul style="list-style-type: none"> a. Hydrogen Storage Engineering Center of Excellence-Technical Work Scope: Complete design and begin assembly of a two liter prototype cryo-adsorbent hydrogen storage prototype. b. Basic Science: Have accepted for publication in the area of energy storage and conversion three technical articles in peer reviewed journals with impact factors = >3. c. Methane opportunities for Vehicular Energy - Complete a test station for evaluation of a two liter prototype methane adsorption system meeting the DoE technical targets. d. SunShot "Low-Cost Metal Hydride Thermal Energy Storage System for Concentrating Solar Power Systems" - Complete FY14 milestone: Complete system model and evaluate at least one metal hydride material pair capable of meeting DOE SunShot thermal energy storage targets as defined in Statement of Project Objectives. e. SunShot High Temperature Corrosion Analysis of Molten Salt Systems for CSP Applications. Commission high temperature thermal gradient and fluid flow corrosion apparatus system for molten salt systems as outlined in Statement of

			Project Objectives (SOPO).
Acceptance Criteria			
DOE-SR will perform validation of the following:			
<ul style="list-style-type: none"> a. EERE program management acknowledgement of requirements delivered as specified. b. Copies of acceptance letters and 2013 journal impact factors. c. Completed test station and approved HAP. d. Draft annual report for SRNL Year 2 experimental testing work to EERE SunShot review by 9/30/14. e. Draft annual report for SRNL Year 2 experimental testing work to EERE SunShot review by 9/30/14. 			

<u>Contract Output SRNS2014SRNL-06 :</u>
Expand the SRNL presence in National Security.
Description/Background/Justification:
<p>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.</p> <p>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 United States Intelligence Community (USIC). 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.</p> <p>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.</p> <p>Up to \$200,000 of the allocated fee will be paid for this Contract Output.</p>

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-6.01	9/30/14	\$200,000	<p>The vision for SRNL is to be the nation's premier applied science laboratory in Environmental Management, National Security, and Energy Security. As part of the work on National Security, SRNL will provide technical support for DOE-IN as follows :</p> <ul style="list-style-type: none"> a. Deliver to US Policy Makers technical reports and assessments of foreign nuclear weapons programs that have been reviewed and published by DOE-IN. b. Update 100% of the Nuclear Materials Information Program (NMIP) assessments for which SRNL is responsible. c. Promote Counter Intelligence (CI) site-wide by conducting awareness briefings and training for all on-site contractors.
Acceptance Criteria			
DOE-SR will perform validation of the following:			
<ul style="list-style-type: none"> 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. CI awareness briefings and training are completed for all on-site contractors. 			
<u>Contract Output SRNS2014SRNL-07 :</u>			
SRNL Infrastructure Sustainment.			
Description/Background/Justification:			
<p>SRNL offers a unique combination of capabilities, equipment, and infrastructure that are not available anywhere else in the United States. 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 SRS vision targets SRNL to be the central hub as SRS expands its business segments to address DOE needs that capitalize on historic SRS competencies and capabilities. SRNL will actively seek ways to revitalize and present these assets for more wide-spread beneficial use.</p>			

Up to \$1,485,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.01	9/30/14	\$300,000	SRNL will implement High Priority Safety Basis scope and nuclear infrastructure improvements as defined in the approved FY14 SVS Implementation Plan as developed between DOE-SR OLO and SRNL. This Implementation Plan will be updated as needed and on an annual basis to: <ul style="list-style-type: none"> a. Meet selected project milestones for identified High Priority DNFSB Scopes. b. Complete Safety Basis scope improvements.
Acceptance Criteria			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.02	9/30/14	\$390,000	As defined in the approved FY14 SVS Implementation Plan jointly developed by DOE-SR OLO and SRNL, complete A Block window replacements with no adverse impact to EM Liquid Waste mission work.
Acceptance Criteria:			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.03	9/30/14	\$695,000	Complete candidate IGPP capital projects that support restoration and sustainment of facility infrastructure as defined in the approved FY14 SVS Implementation Plan. Complete Construction Maintenance Orders and major maintenance scopes as defined in the approved FY14 SVS Implementation Plan.
Acceptance Criteria:			
DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-7.04	9/30/14	\$100,000	Implement the SRNL Infrastructure Plan to reduce operational cost by facility and scientific instrument renewal as well as an improved Asset Condition Index as defined in the approved FY14 SVS Implementation Plan.
Acceptance Criteria			

DOE-SR will perform completion validations per the FY14 SVS Implementation Plan.

Contract Output SRNS2014SRNL-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.

Up to \$75,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SRNL-8.01	9/30/14	\$75,000, paid upon completion of items a-b	<p>a. Provide a framework that allows for documentation of laboratory management for 1) Effective use of partnerships (internal, academic, community, government agencies, etc.), 2) Maintenance of core competencies and retention of employees, 3) Improvement in internal business processes and goals, 4) Business unit strategies, and 5) Effective use of recommendations from external reviews.</p> <p>b. Proceed with implementation of the University Relations Program Plan developed in FY13.</p>

Acceptance Criteria

DOE-SR will perform validation of the following:

- a. Documentation of the improved institutional management of SRNL.
- b. Implementation Status Report for the FY13 University Relations Plan.



Performance Incentive Document

PID Number:	SRNS2014LS		
Activity Name:	EM Landlord Services		
WBS Number:	Various / Indirect		
Performance Period:	October 1, 2013 – September 30, 2014		
Allocated Fee:	\$1,510,000		
Revision Number:	42		
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 Nick Delaplane		
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. This section includes Site Services and Business Services.			
<u>Contract Output SRNS2014LS-01: (Deleted in Rev. 3.)</u>			
The Contractor shall meet all SRNS agreed upon scheduled milestones to plan & execute development of SRS Sustainability initiatives and High Performance Sustainable Buildings (HPSB) program objectives to meet scheduled site sustainability goals.			
<u>Description/Background/Justification:</u>			
DOE has approved a Complex-wide Strategic Sustainability Performance Plan. This plan addresses such topics as greenhouse gas emission reductions, High Performance Sustainable Buildings (HPSB), water use, and pollution prevention/waste elimination. DOE sites have been tasked to make progress toward goals established for 2015 and 2020. The benchmark for the HPSB 15% reduction is defined in Executive Order (E.O.) 13514 section 2(g).			
Up to \$100,000 of the allocated fee will be paid for this Contract Output.			
Number	Date	Fee	Contract Output Completion Criteria:

SRNS2014 LS-1.01	12/31/13	\$100,000— fee is earned by meeting all milestones:	a. Develop the FY14 Site Sustainability Plan for the Savannah River Site in accordance with the DOE HQ annual guidance document by 12/31/13.
	1/31/14		b. Prepare the SRS Consolidated Energy Data Report (CEDR) in accordance with annual DOE HQ guidance documentation by 1/31/14.
	9/30/14		<p>c. Continue development of High Performance Sustainable Buildings (HPSB) Program objectives by completing the following activities:</p> <ul style="list-style-type: none"> • Conduct lighting specific walkdowns of facilities, to determine how to comply with the automated lighting controls objective associated required by the HPSB Guiding Principles and develop layouts summarizing how compliance will be achieved. Determine FY15 funding requirement to complete objective. • Complete metering objective by installation of meter and establishing monthly meter readings for all facilities in HPSB scope. • Update EPA Portfolio Manager database as needed to show status of HPSB objectives for all buildings

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate the FY14 SRS Annual Sustainability Plan and transmit the Plan to DOE-HQ for use in the DOE agency wide Strategic Sustainability Performance Plan.
- Evaluate the FY14 SRS Consolidated Energy Data Report and transmit the Report to DOE-HQ for use in DOE agency wide data collection.
- Evaluate documentation associated with the High Performance Sustainable Buildings Program including review of layouts that summarize compliance to program objectives and FY15 funding requirements.

Contract Output SRNS2014LS-02:

The Contractor shall develop and implement cost efficient approaches to reduce government liability.

Description/Background/Justification:

Initiatives are needed to address site energy costs and infrastructure support of current and future missions. Site Services will also evaluate organizational practices to identify efficiency gains and cost improvements and achieve government liability reduction where appropriate.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-2.01	5/31/14	\$150,000	Partnering with DOE in the negotiation of a new five-year contract with South Carolina Electric & Gas Company, including the following: <ul style="list-style-type: none"> • Participate with DOE in the contract development process and negotiation of terms and costs. • Provide financial analysis through evaluation of life cycle cost options for the contract.

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.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-2.02	9/30/14	\$150,000	Develop an Infrastructure Alignment Plan/Study that outlines infrastructure right sizing recommendations, including footprint reduction that will coincide with current and future missions, SRNS baseline operations and funding profile (e.g. facilities, roads, infrastructure systems, etc.) Implement infrastructure right-sizing recommendations as approved by DOE and as funding is available.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Perform walkdown of the targeted systems/processes for the scope.
- Evaluate effectiveness of recommendations.

- Validate evidence of implementation.

Contract Output SRNS2014LS-03:

The Contractor shall meet all SRNS agreed upon scheduled milestones to actively seek cost effective opportunities to reduce government liability and benefit the community through the DOE Asset Revitalization Initiatives and Programs.

Description/Background/Justification:

The identification, leveraging, revitalization, and disposition of site assets reduce EM liability, minimize lifecycle cost, and achieve Footprint reduction. Wherever it is cost effective, utilize the SRS Community Reuse Organization to provide additional opportunities to benefit the surrounding community. Site Services will continue to evaluate consolidation of facilities, services and functions for cost improvements.

Up to \$110,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-3.01	9/30/14	\$110,000	Outsource the SRNS ESS Facilities Maintenance and ensure success by providing business and technical leadership.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate documentation defining transition process.
- Review and evaluate effectiveness of the transition support.

Contract Output SRNS2014LS-04:

The Contractor shall meet all SRNS agreed upon scheduled milestones to cost effectively maintain SRS plant systems, components, structures, and also improve maintenance processes to meet site missions and positively address deferred maintenance issues.

Description/Background/Justification:

Procedure Manual 1Y, *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 requirements ensure a safe and cost effective maintenance program at SRS.

Up to \$200,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-4.01	9/30/14	\$100,000	Continue the implementation of the Maintenance Paperless Work Package. Achieve 10% more EM paperless work packages completed in FY14 compared to the average of last four months in FY13 as baseline.
Acceptance Criteria			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system: <ul style="list-style-type: none"> Randomly sample electronic work packages. Evaluate trending results for EM facilities. Evaluate Time & Cost savings documentation. 			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-4.02	9/30/14	\$100,000	Continue the implementation of the Preventive Maintenance (PM) optimization process. <ul style="list-style-type: none"> Evaluate and incorporate Predictive Maintenance (PdM) in the process. Demonstrate savings in overall efficiency gain.
Acceptance Criteria			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system: <ul style="list-style-type: none"> Verify the PM baseline. Evaluate effectiveness of the optimization process. 			
Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-4.03	9/30/14	\$100,000	For Site Services, demonstrate a rigorous process is in place and utilized for the execution of preventive maintenance (PM) field work. To maximize efficiency and effectiveness of the PM process, establish a central support services work planning process and develop and initiate implementation of an integrated schedule for PM execution that is in alignment with operating mission needs.
Acceptance Criteria			
DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system: <ul style="list-style-type: none"> Assess the planning center effectiveness through review and validation of planning center effectiveness metrics. Evaluate the integrated schedule effectiveness via schedule completion metrics. Evaluate PM completion status vs PM baseline plan. 			
Contract Output SRNS2014LS-05:			

The Contractor shall sustain and/or modernize site facilities/infrastructure, provide quality Shops services to achieve mission goals/milestones and ensure a safe and secure workplace for all SRS personnel.

Description/Background/Justification:

The SRS infrastructure is approaching 60 years old. Over the past 10 years, funding for infrastructure repairs/replacement declined considerably due to budget challenges. The Critical Infrastructure Integrated Priority List (CI IPL) was implemented to identify the most critical projects for SRS. The Contractor will execute funded projects and provide quality Shops services to ensure a safe and secure workplace for all SRS personnel.

Up to \$400,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-5.01	9/30/14	\$300,000	Execute Infrastructure modernization/ improvement Utility system projects, sustaining activities and liability reduction work scope (e.g. water systems, electrical distribution system, etc.).

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate Summary Report and perform field walkdown of completed activities consistent with infrastructure IPL.
- Review Final Acceptance Inspection (FAI) documents or Work Packages of completed work scope.
- Before and after photographs of completed modernization work scope as feasible.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-5.02	9/30/14	\$100,000	<ul style="list-style-type: none"> • Evaluate the Critical Infrastructure Integrated Priority List (CI IPL) process and further improve the data content for better use as a tool for funding allocation. • Evaluate and report CI IPL effectiveness through an analysis of the disposition of CI IPL projects from the prior 3 years.

Acceptance Criteria

DOE-SR will validate the completion of the following milestones and document results in the Site Tracking, Analysis & Reporting (STAR) system:

- Evaluate CI IPL documentation.
- Review the updated CI IPL quarterly or as-needed.
- Evaluate data improvements.
- Evaluate CI IPL effectiveness report.

Contract Output SRNS2014LS-06:

Real Property Asset Management

The Contractor shall meet all SRNS agreed upon scheduled milestones by leveraging the Real Property Asset Management Program and Facility Information Management System (FIMS) data to effectively manage SRS infrastructure needs.

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 FY14. In addition, improvements to the accuracy of the SRS Actual Maintenance Cost Reporting Data will continue to be implemented for the HQ FIMS.

Up to \$200,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-6.01	9/30/14	\$200,000.00	<p>a. Evaluate and begin implementation of the Corrective Action Plan to more accurately capture SRS Actual Maintenance Cost Reporting. Subsequently, provide data input to support Site Planning integration.</p> <p>b. Demonstrate cost reduction and/or cost avoidance by:</p> <ul style="list-style-type: none"> Integrating impacts of ARRA project completion, site housing consolidation planning, workforce restructuring, site mission changes and lessons learned from Condition Assessment Survey (CAS) inspections into the RPAM SmartPlan (SRNS-RP-2011-00202). Revise RPAM SmartPlan requirements to more cost effectively implement DOE Order 430.1B. Evaluating Facility assessments conducted by other organizations (Engineering, maintenance, Operations, etc.) for CAS applicability. <p>c. Leverage Real Property Asset Management Program (RPAM) for the Site, develop a</p>

			<p>tailored approach for the Replacement Value (RPV) of agreed upon unique/critical facilities and initiate implementation.</p> <p>d. Evaluate Facility Information Management System (FIMS) database and make recommendations for data improvements. Also, update and maintain information of over 2,000 FIMS real property records to ensure the data is accurate and reliable.</p> <p>e. Continue to perform CAS inspections to ensure SRS meets the facility condition assessment 5 year cycle.</p>
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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 Actual Maintenance Corrective Action Plan and evaluate the Cost Reporting implementation. Review and evaluate the evidence of data input to Site Planning.
- b. Review documentation that outlines the following:
 - Cost avoidance scenario(s) from the various integrated site impacts.
 - Assessment of cost avoidance as reported.
 - Revised Condition Assessment Survey Process that maximizes cost reduction and/or cost avoidance.
- c. Evaluate RPV for H-Canyon, DWPF and SRNL 773-A Lab.
- d. Review evidence of implementation – documentation in DOE-HQ FIMS records demonstrated by performance against metrics implementation schedule.
- e. Review Condition Assessment Survey (CAS) Reports for the structures inspected in FY14. In addition, DOE-SR will perform field walk down on randomly selected completed facilities/structures and then verify that CAS data has been placed into the DOE-HQ Condition Assessment Information System (CAIS).

Contract Output SRNS2014LS-07:

Site Integrated Planning and Business Process Improvement

The Site Integrated Planning process integrates site mission planning and real property asset management. These recommendations and objectives will demonstrate improved linkage and

dependencies at strategic, operational and tactical levels in support of the successful execution of the Site missions and landlord functions at SRS that includes support of all Site tenant organizations. Additionally, there will be a continued focus on improving crosscutting business processes that support the provision of services to Site missions.

Description/Background/Justification:

Execution of planned missions requires support from multiple functional organizations on site. Improving efficiency of crosscutting business processes required by these support groups will decrease cost and improve execution schedules. An additional goal is to improve those crosscutting processes.

Up to \$100,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-7.01	9/30/14	\$100,000	Update the Land Use Plan to reflect the results of the DOE-SR Planning Process.

Acceptance Criteria

DOE will be provided / will review the following for validation:

- Final Draft of the revised plan for review and publication.

Contract Output SRNS2014LS-08:

Interface Management

The Contractor shall execute Interface Management with site tenants to deliver landlord services in support of mission execution.

Description/Background/Justification:

Effective implementation of site interface management process (necessary maintenance and communication of interface processes, procedures and agreements) results in the effective delivery of landlord services. This ensures an efficient process to support tenant site mission completion activities.

Annually the Interface Management Team develops a lessons learned regarding the interfaces of the tenants. These recommendations are the basis for the improvements defined in items 2 and 3.

Up to \$300,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-8.01	9/30/14	\$100,000	Perform SRNS integration efforts by: 1. Executing annual revision of interface agreements (SRR/SWPF, Ameresco, WSI, USFS, SREL, SCE&G, MOX)

Acceptance Criteria
DOE-SR will review the annual interface agreement.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-8.02	9/30/14	\$150,000	Improve the SRS Interface Management Process by supporting DOE in the implementation of the Site Policy Manual SRSPM 250.1.1B. Note: This improvement is defined in the 2013 Interface Management Lessons Learned developed by the Interface Management Team: 1. Providing support in developing a matrix of current contractor (SRNS, SRR, MOX, SWPF, WSI) applicability for each policy. 2. Provide suggested handling strategies for the major contract omissions (i.e. contract modification, policy modification...)

Acceptance Criteria
DOE-SR will review the Contractor Applicability Matrix and suggested handling strategies.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 LS-8.03	9/30/14	\$50,000	Improve the SRS Interface Management Process by providing a method for small site tenants (SREL, USFS, Ameresco) to monitor spending on scope defined in Functional Service Agreements. Note: This improvement is defined in the 2013 Interface Management Lessons Learned developed by the Interface Management Team.

Acceptance Criteria
DOE will review 1. The method and tools developed for the monitoring process. 2. The Performance of the support accounts. (Actuals vs. Target)



Performance Incentive Document

PID Number:	SRNS2014SUBJ	
Activity Name:	Management & Operations - Subjective	
WBS Number:	Various / Indirect	
Performance Period:	October 1, 2013 – September 30, 2014	
Allocated Fee:	\$5,000,000	
Revision Number:	1	
Senior level manager:	Doug Hintze Assistant Manager Mission Support (AMMS)	
Senior level supervisor/division manager:	Nick Delaplane	
<p>Contract Performance Outcome:</p> <p>Nuclear Materials Management</p> <p>The Contractor shall safely and effectively manage nuclear materials and facilities in accordance with applicable DOE Directives and requirements. Management of nuclear materials at SRS includes storage, operations and disposition.</p> <p>Solid Waste</p> <p>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.</p> <p>Soil and Water Remediation</p> <p>The Contractor shall plan and safely execute a program that meets all regulatory commitments reflected in the SRS 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.</p>		

Savannah River National laboratory (SRNL)

SRNL's three-fold mission is to enable the success of SRS 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.

Sitewide ES&H Program

The Contractor shall conduct a comprehensive ES&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 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.

Contract Output SRNS2014SUBJ-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 2014 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.

Adjectival Rating	Percent of allocable fee	Definition
Excellent	91% - 100%	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.
Very Good	76% - 90%	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.
Good	51% to 75%	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.
Satisfactory	1% to 50%	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.
Unsatisfactory	0%	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.

Description/Background/Justification:

To achieve its vision and implement all desired management improvement efforts will require an organized, systematic approach to project execution. EM has developed and implemented 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.

The IPT, as identified in the PEMP, will conduct informal surveys of the following organizations in order to solicit feedback related to contractor performance in the areas of

Business Relations, Technical Quality, Cost Control and Schedule (timeliness):

Assistant Manager for Infrastructure and Environmental Stewardship (AMIES)

Assistant Manager for Mission Support (AMMS)

- **Assistant Manager for Integration and Planning (AMIP)**
- **Office of Acquisition Management (OAM)**
- **Office of Human Capital Management (OHCM)**

Assistant Manager for Nuclear Material Stabilization Project (AMNMSP)

Assistant Manager for Waste Disposition Project (AMWDP)

Office of Field Chief Financial Officer (CFO)

Office of Chief Counsel (OCC)

Office of Civil Rights (OCR)

Office of External Affairs (OEA)

Office of Laboratory Oversight (OLO)

Office of Safety and Quality Assurance (OSQA)

Office of Safeguards, Security and Emergency Services (OSSES)

SRNS organizations will provide monthly self-assessments throughout the performance period to provide contractor feedback in cross-cutting areas of performance, such as safety, efficient use of trained and qualified human capital, quality, continuous improvement, cost effectiveness, timeliness of deliverables, compliance with contract, etc. The self-assessments will be 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. These self-assessments will be captured on the electronic web-based DOE Scorecard and used to facilitate enhanced communication between DOE-SR and SRNS.

These assessments are critical to record contract performance that is considered implicit, or subjective. Clear measures will be 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.

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, which will consider the related conditions under which the work was performed and the contractor's specific performance as measured against the government's objective.

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.

Per contract clause 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.

Up to \$5,000,000 of the allocated fee will be paid for this Contract Output.

Number	Date	Fee	Contract Output Completion Criteria:
SRNS2014 SUBJ-1.01	9/30/14	\$5,000,000	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 and G&A).
Acceptance Criteria			
DOE-SR will review the contractor monthly report 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.			

Attachment D, NNSA Performance Incentive Documents for fiscal year 2014


**Fiscal Year 2014
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, 2013 through September 30, 2014


Dennis J. Donati Date 11/14/13
Senior Vice President
NNSA Operations and Programs
Savannah River Nuclear Solutions, LLC


Douglas J. Dearolph Date 11/14/13
Field Office Manager
Savannah River Field Office
National Nuclear Security Administration


John W. Temple Date 11/14/13
Senior Vice President
Contracts Management
Savannah River Nuclear Solutions, LLC


Carol R. Elliott Date 11/14/13
Contracting Officer
Savannah River Field Office
National Nuclear Security Administration

INTRODUCTION

Savannah River Site is a facility owned by the United States Department of Energy (DOE), herein referenced as "Plant." It 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 and Oversight*, 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 2014 are specified in Section B-2.3 and scope of work for NNSA as set forth in Section C-3.3 of Contract No. DE-AC09-08SR22470. This PEP promotes a strategic Governance and Oversight framework, for 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 Performance Objective. 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

Savannah River Nuclear Solutions, LLC 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 missions assigned to the site.

MISSION PERFORMANCE

Savannah River Nuclear Solutions 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 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. **Savannah River Nuclear Solutions 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 are expected to be delivered on-schedule and within budget.

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. Effective efforts by SRNS to quickly identify, self-report, and overcome or mitigate the impact of issues, barriers or other circumstances will also be a factor in evaluating performance. A significant safety or security event may result in an overall limitation to adjectival ratings.

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, NA-00 and the NNSA Senior Procurement Executive prior to the Field Office Manager and Contracting Officer signatures. While recognizing the unilateral rights of DOE/NNSA as expressed in contract clauses H-27, *Performance Based Management*, and (2) H-28, *Performance Incentives*, bilateral changes are the preferred method of change whenever possible.

FINAL DECISION

Prior to a final decision by the FDO the SRNS General Manager will have a face-to-face opportunity to provide a final presentation in support of strategic performance determination and direction of the enterprise.

TOTAL AVAILABLE AWARD FEE ALLOCATION

Performance Category	Performance Objective	% At-Risk Fee Allocation
Programs (NA-10 & FOM)	PO-1: Manage the Nuclear Weapons Mission	25%
Programs (NA-2 & FOM)	PO-2: Broader National Security Mission	12.5%
Programs (NA1.1 & FOM)	PO-3: Science, Technology, and Engineering and Other DOE Mission Objectives	12.5%
Operations & Mission Execution (NA-3 & FOM)	PO-4: Operations & Infrastructure	25%
Operations & Mission Execution (NA-1 & FOM)	PO-5: Leadership	25%

UNEARNED FEE

DOE/NNSA reserves the right to withdraw and redistribute DOE/NNSA unearned fees.

INNOVATIVE SOLUTIONS

Savannah River Nuclear Solutions will recommend innovative, science-based, systems-engineering solutions to the most challenging problems that face the nation and the globe. Savannah River Nuclear Solutions 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 & FOM - (At-Risk Fee: 25%)

Successfully execute Nuclear Weapons mission work 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 deliveries for the stockpile work to meet limited-life component exchanges, 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 W78/88-1 phase 6.2 activities, B61-12 phase 6.3 activities, and W88 ALT 370 phase 6.3 activities in accordance with the NNSA approved schedules.

Site Specific Outcomes:

- SSO1.1: Demonstrate the Tritium Programs Earned Value Management System (EVMS) (or comparable system) is implemented consistent with the B61 Project Control Systems Description and Implementation Schedule. Establish a site performance baseline and submit monthly project and earned value reporting consistent with NA-191 program management requirements. Sites are allowed to tailor EVMS implementation to account for program complexity, cost, and risks, subject to approval of the Federal Program Manager.
- SSO 1.2: Demonstrate the Tritium programs EVMS (or comparable system) is implemented consistent with the W78/88-1 Project Control Systems Description and Implementation Schedule. Sites are allowed to tailor EVMS implementation to account for program complexity, cost, and risks, subject to approval of the Federal Program Manager.

PO-2: Broader National Security Mission – NA-2 & FOM - (At-Risk Fee: 12.5%)

Successfully execute authorized broader national security mission work to include the Non-Proliferation, Emergency Operations and Counterterrorism missions as well as high-impact interagency work. 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 counterproliferation science, technology, and expertise.
- CF-2.8 Pursue and perform high-impact interagency work 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-2.9 Accomplish work within the budget profile, scope, cost, schedule, quality and risk negotiated with the program sponsors or partners.

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 FY 14 Work Authorization and Execution Plan.
- SSO 2.2: Perform plutonium feed material characterization activities in accordance with the NNSA-approved plan for the non-pit plutonium material (AFS-1 and AFS-2) currently stored at SRS to demonstrate acceptability as feedstock and to support aqueous blend strategies in H-Canyon during operations. [MIFT Scope]

**PO-3: Science, Technology, and Engineering (ST&E) and Other DOE Mission Objectives
– NA-1.1 & FOM - (At-Risk Fee: 12.5%)**

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. Execute other DOE Mission Objectives for programs such as Environmental Management in accordance with the budget profile, scope, cost and schedule. Effectively manage Plant Directed Research and Development Programs (PDRD) to advance the frontiers of ST&E. Provide defensible objective evidence.

Contributing Factors:

- CF-3.1 Implement a research strategy that is clear and aligns discretionary investments (e.g., PDRD) with the research strategy and support DOE/NNSA priorities.
- CF-3.2 Ensure that research is relevant, enables the national security missions, and benefits DOE/NNSA and the nation.
- CF-3.3 Ensure that research is transformative, innovative, leading edge, high quality, and advances the frontiers of science and engineering.
- CF-3.4 Maintain a healthy and vibrant research environment that enhances technical workforce competencies and research capabilities.
- CF-3.5 Perform research to accomplish the high priority, multi-year research objectives, advance ST&E, and develop technologies for the public good through technology transfer.
- CF-3.6 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 in support of future national security mission requirements.
- CF-3.7 Accomplish work within the budget profile, scope, cost, schedule, risk, and quality negotiated with the program sponsors or partners.

Site Specific Outcome:

- None

**PO-4: Operations & Infrastructure – NA-3 & FOM -
(At-Risk Fee: 25%)**

Effectively and efficiently manage the safe & 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-4.1 Deliver effective, efficient, and responsive environment, safety and health (ES&H) management and processes.
- CF-4.2 Accomplish capital projects in accordance with scope, cost, and schedule baselines.
- CF-4.3 Deliver effective, efficient, and responsive physical, information and cyber security management and processes.
- CF-4.4 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-4.5 Deliver efficient, effective and responsible business operations and systems.
- CF-4.6 Deliver efficient and effective management of legal risk and incorporation of best legal practices.

Site Specific Outcome:

- SSO 4.1: Execute funded scope in support of the Tritium Responsive Infrastructure Modifications (TRIM) Program objectives, including up-front planning for the Tritium Centric Operations Project (TCOP) line item, per the FY14 Work Authorization and Execution Plan (WAEP).
- SSO 4.2: Complete construction and initiate startup testing of the Waste Solidification building project in accordance with approved cost and schedule baselines and related work scope as defined in the FY14 WAEP.

PO-5: Leadership -NA-1 & FOM - (At-Risk Fee: 25%)

Successfully demonstrate leadership in supporting the direction of the overall DOE/NNSA mission, 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-5.1 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-5.2 Promote a culture of critical self-assessment and transparency across all areas; instill a culture of accountability, responsibility, and performance through the entire organization; and coordinate/communicate these key issues and concerns to DOE/NNSA leadership.
- CF-5.3 Demonstrate performance results through the institutional utilization of the Management Assurance System and the leveraging of parent company resources and expertise.
- CF-5.4 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-5.5 Exhibit professional excellence in performing roles/responsibilities while pursuing opportunities for continuous learning.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2 AMENDMENT/MODIFICATION NO 0470		3 EFFECTIVE DATE 07/09/2014		4 REQUISITION/PURCHASE REQ NO	
6 ISSUED BY Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29902		CODE 00901		5 PROJECT NO (if applicable)	
8 NAME AND ADDRESS OF CONTRACTOR (No street county State and ZIP Code) SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVERINGER 203 LAURENS ST SW AIKEN SC 298012421		7 ADMINISTERED BY (If other than Item 6)		CODE	
CODE 798861048		FACILITY CODE		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	

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 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	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 _____ 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 contract work authorizations listed:

- 1) No. HQTD1002-14, Rev 3, for Alternative Waste Pretreatment (See Attachment 1-A)
- 2) No. HQ1001-14, Rev 7, for Energy Employees Occupational Illness Compensation Program (EEOICPA) (See Attachment 1-B)
- 3) No. 410003-TS-14, Rev 7, for SRNL Technical Support (See Attachment 1-C)
- 4) No. HQTD1000-14, Rev 4, for Technical Planning, Integration and Risk Management (See Attachment 1-D)
- 5) No. EY804910D-14, Support for Technetium Management (See Attachment 1-E)
- 6) No. 410003-WIPP-14, Rev 1, for SRNL Technical Support- WIPP (See Attachment 1-F)

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 6 A 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) James Lovett	
15B CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C DATE SIGNED	16B UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C DATE SIGNED 7/09/14

CONTINUATION SHEET

REFERENCE NO OF DOCUMENT BEING CONTINUED
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NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>7) No. SL-410003-14, Rev 2, for Solar Energy, (See Attachment 1-G)</p> <p>Funds were previously allocated by separate modifications under FINPLAN Nos. *1, 12 and 13, for Fiscal Year 2014 (copies of FINPLANS provided, see Attachment G).</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>Notes: 1) FINPLAN #1 (page 17 only provided with subject Mod). 2) See each Work Authorization for the Contracting Officer's approval date.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0471		3. EFFECTIVE DATE 07/02/2014		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 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) 01/10/2008		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	
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.			

☐ 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	D OTHER (Specify type of modification and authority) Clause H-28, Performance-Based Incentives

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 formally incorporate the Baseline Contract work authorizations listed below for Office of Environmental Management (EM) Fiscal Year FY 2014 expected funds, inclusive of Carryover Funds from FY 2013:

- 1) No. 11C-FY14, for SR-0011C NM Stabilization and Disposition - 2035 Fund Code 01264
- 2) No. 12-FY 14, for SR-0012 SNF Stabilization and Disposition Fund Code 01265
- 3) No. 13-FY14, for SR-0013 Solid Waste Disposition Fund Code 01266
- 4) No. 14C-FY14, for SR Services and Contract Interface
- 5) No. 20-FY14, for SR-0020 Safeguards and Security Fund Code 01250
- 6) No. 30-FY14, 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 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) James Lovett		15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15C. DATE SIGNED 7/10/2014		15D. DATE SIGNED 7/10/14	
15E. SIGNATURE OF CONTRACTING OFFICER <i>James Lovett</i>		15F. SIGNATURE OF CONTRACTING OFFICER <i>James Lovett</i>	

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
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2 2

NAME OF OFFEROR OR CONTRACTOR

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>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 represents funding for 10/1/13 thru 9/30/14, subject to availability. SRNS shall comply with the restrictions cited under Block 10, Funds Authorized, for contract work authorizations, see attachments 1 through 6, attached hereto.</p> <p>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.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE		PAGE OF PAGES 1 1	
2 AMENDMENT/MODIFICATION NO 0472		3 EFFECTIVE DATE 07/23/2014		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		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			
		9B DATED (SEE ITEM 11)			
		10A MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470			
		10B DATED (SEE ITEM 13) 01/10/2008			
CODE 799861048		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)

No Change to Accounting 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) DEAR 970.5243-1 Changes (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 UCF section headings, including solicitation/contract subject matter where feasible.)

A. The purpose of this modification is to incorporate the revised Appendix P, Contracting Officer Representatives (CORs) List, under 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.

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)		16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C DATE SIGNED	16B UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C DATE SIGNED

Section J – List Attachments

Appendix P

Contracting Officer Representatives (CORs)

Section J- List Attachments APPENDIX P
Contracting Officer Representatives (CORs)

Savannah River Nuclear Solutions
Contracting Officer Representatives (CORs)
Contract No. DE-AC09-08SR22470

COR NAME	TYPE OF COR	AREA OF AUTHORITY	DATE OF DESIGNATION	COR'S DOE POSITION
Douglas Dearolph	Special Area COR NNSA Only	Site Office Mgr. NNSA SRSO Only	07/09/2009	Site Office Mgr. NNSA SRSO
Michelle M. Ewart	NNSA Non-Proliferation Only Special Area COR NNSA Only	NNSA Non-Proliferation Only	11/21/2008	Fissile Material Disposition, NA-26
Scott C. Cannon	Special Area COR NNSA Only	WSB, MOX, NNSA Only	10/17/2011	MOX Federal Project Director
Christina T. Edward	Special Area COR NNSA Only	NNSA only – Region 3 Regional Response Coordinator, Radiological Assistance Program, NNSA	05/21/2008	Region 3 Response Coordinator, NNSA
N. Carroll McFall	Special Area COR NNSA Only	NNSA only – NNSA SRSO	07/09/2009	NNSA – SRSO Asst Mgr – Mission
Thomas Z. Cantey	Special Area COR NNSA Only	NNSA Only - WSB	11/21/2008	FPD, Waste Solidification Bldg
James W. McCullough	Special Area COR NNSA Only	NNSA only – MOX Project	02/18/2010	MOX Lead Project Engineer
M. Roxanne Jump	Special Area COR NNSA Only	NNSA Only – NNSA SRFO	07/09/2009	NNSA SRSO Asst Manager Facilities and Projects

Sachilo W. McAlhany	Special Area COR NNSA Only	NNSA Only – Non- Proliferation	04/19/2011	Fissile Material Disposition Sr Tech Advisor, NA-26
Richard W. Boyd	Special Area COR NNSA Only	NNSA only – PDC Project Lead for Ops, SRSO	02/18/2010	WSB Project Lead for Ops
Douglas E. Hintze	Primary COR	EM Mission Support	05/01/2008	Asst. Mgr. for Mission Support
Terrel J. Spears	Special Area COR	EM issues only	05/01/2008	EM Dep. Site Mgr., SRO
James L. Folk	Special Area COR	EM Alternate, for Waste Disposition Projects Only	03/25/2009	Deputy Asst. Mgr. for Waste Disposition Project
Patrick McGuire	Special Area COR	EM Nuclear Material Stabilization Projects only	05/01/2008	Asst. Mgr. for Nuclear Material Stabilization Project
Carl Lanigan	Special Area COR	EM Nuclear Material Stabilization Project only	11/21/2008	FPD Nuclear Material
Angelia D. Adams	Special Area COR	EM Infrastructure and Environmental Stewardship Project issues Only	11/22/2013	Deputy Asst. Mgr. Infrastructure and Environmental Stewardship Project
Patrick Jackson	Special Area COR	EM Office of Laboratory Oversight WFOs issues Only	12/07/2010	Senior Program Manager, Off of Lab Oversight
Ron Bartholomew	Special Area COR	EM OSSES issues only - Safeguards, Security & Emergency Services, Management	09/26/2011	Director, Safeguards, Security & Emergency Services,
Gary Peterson	Special Area COR	Savannah River National Laboratory (SRNL) EM, HQ Project Manager	06/20/2014	Savannah River National Laboratory (SRNL) EM, HQ Project Manager
Timothy Armstrong	Special Area COR	EM Organizational Property Management Officer only	06/10/2009	Contract Organizational Property Management Officer

R. Kevin Rorer	Special Area COR For ARRA	SRNS Property Manager issues only	02/18/2010	Property Management Specialist
Lucy Knowles	Special Area COR	EM Site Chief Counsel for legal issues only	06/26/2013	Chief Counsel
Marlenia Murray	Special Area COR	Financial issues only	11/01/2012	Financial Acquisition Analyst
Irie W. Clarke	Special Area COR	Counterintelligence – IN 30 issues only	06/15/2012	Procurement Specialist, IN-30
Phillip “Tony” Polk	Special Area COR	EM Alternate, for Nuclear Material Stabilization Projects only	10/07/2013	Director, Nuclear Materials Programs

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2 AMENDMENT/MODIFICATION NO		3 EFFECTIVE DATE		4 REQUISITION/PURCHASE REQ NO	
0473		07/23/2014		14EM002445	
6 ISSUED BY		CODE		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		00901		CODE	
8 NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)		9A AMENDMENT OF SOLICITATION NO			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x)			
		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) Net Increase: \$2,337,448.12

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 _____ 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 16. Funds in the amount of \$2,337,448.12 are hereby obligated to CLIN 0001, thereby increasing it from \$5,658,059,226.46 to \$5,660,395,674.58.

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 \$7,057,796,570.29 to \$7,060,124,019.41.

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)		16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James Lovett	
15B CONTRACTOR/OFFEROR	15C DATE SIGNED	16B UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2 AMENDMENT/MODIFICATION NO		3 EFFECTIVE DATE		4 REQUISITION/PURCHASE REQ NO	
0474		07/23/2014		14EM002445	
6 ISSUED BY		CODE		5 PROJECT NO (if applicable)	
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	
8 NAME AND ADDRESS OF CONTRACTOR (No street county State and ZIP Code)		9A AMENDMENT OF SOLICITATION NO			
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(a)			
		9B DATED (SEE ITEM 11)			
		X 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					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended <input type="checkbox"/> 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: \$147,057.15	
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 <input checked="" type="checkbox"/> is not <input type="checkbox"/> 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 (Department of Energy (DOE)), in accordance with SRNS FINPLAN 16. Funds in the amount of \$147,057.15 are hereby obligated to CLIN 0001, thereby increasing it from \$5,660,395,674.58 to \$5,660,542,731.73. 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 \$7,060,124,018.41 to \$7,060,271,075.56. 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)			15A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			James Lovett		
15B CONTRACTOR/OFFEROR		15C DATE SIGNED		15B UNITED STATES OF AMERICA	
(Signature of person authorized to sign)		(Signature of Contracting Officer)		15C DATE SIGNED	

CONTINUATION SHEET	REFERENCE NO OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0474	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>NOTE: FOR GOVERNMENT USE ONLY, REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount of \$7,060,271,075.56, includes \$147,057.15 of Non-Appropriated funds. The total amount of Non-Appropriated funds increased by \$147,057.15 for a cumulative total of \$5,309,204.74 to-date. FOB: Destination</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1 CONTRACT ID CODE		PAGE OF PAGES 1 2											
2 AMENDMENT/MODIFICATION NO 0475		3 EFFECTIVE DATE 07/23/2014		4 REQUISITION/PURCHASE REQ NO 14EM002445		5 PROJECT NO (If applicable)											
8 ISSUED BY Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		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				(x) 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		FACILITY CODE															
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS																	
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended <input type="checkbox"/> 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:		\$2,254,686.48											
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">CHECK ONE</td> <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></td> <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></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td></td> <td>D OTHER (Specify type of modification and authority)</td> </tr> <tr> <td>X</td> <td>Clause I 53 - DEAR 970.5232-4 Obligation of Funds (Dec 2000)</td> </tr> </table>								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)
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 <input checked="" type="checkbox"/> is not <input type="checkbox"/> 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 accordance with SRNS FINPLAN 16, as cited below:																	
1) Department of Defense: \$503,186.02 2) Department of Homeland Security: \$1,415,000.00 3) Department of Justice: (-\$17,499.54) 4) Other: \$354,000.00																	
The total amount of funds obligated is \$2,254,686.48, thereby increasing it from \$5,660,542,731.73 to \$5,662,797,418.21.																	
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)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)													
				James Lovett													
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED											
(Signature of person authorized to sign)				(Signature of Contracting Officer)													
NSN 7540-01-152-8070 Previous edition unusable				STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243													

CONTINUATION SHEET	REFERENCE NO OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC09-08SR22470/0475	2	2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>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 \$7,060,271,075.56 to \$7,062,525,762.04.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>FOB: Destination</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO 0476		3. EFFECTIVE DATE 07/24/2014		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 CLEVERINGER 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) 01/10/2008		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	
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.			

☐ 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	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 _____ 0 _____ 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:

- (a) Correct error under Modification 0474, and
- (b) incorporate nine contract work authorizations.

Accordingly, the following applies:

A. Under Modification 0474 paragraph 14.A, the first sentence as read "The purpose of this modification is to obligate funds to CLIN 0001 (Department of Energy (DOD)," should read "The purpose of this modification is to obligate funds to CLIN 001 (Reimbursable Work Commercial (Non-Appropriated Funds)).

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 7/29/14

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC09-08SR22470/0476	PAGE OF 2 2
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NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>B. In addition, the nine contract work authorizations listed below are hereby incorporated under the contract:</p> <p>1) No. HQTD1002-WP2-14, Rev 5, for Alternative Waste Pretreatment (See Attachment 1-A)</p> <p>2) No. KP/W/SR1/4-14, Rev 3, for Biological and Environmental Research (See Attachment 1-B)</p> <p>3) No. IN14035-14, Rev 5, for Energy and Threat (See Attachment 1-C)</p> <p>4) No. HI-410003-14, Rev 7, for Fuel Cell Technologies Office (See Attachment 1-D)</p> <p>5) No. HQTD1005-WP5-14, Rev 6, for Increased Waste Loading (See Attachment 1-E)</p> <p>6) No. HQTD1004-14, Rev 1, for Improved Vitrification Capacity (See Attachment 1-F)</p> <p>7) No. 410003-TS-14, Rev 2, for SRNL Technical Support (See Attachment 1-G)</p> <p>8) No. HQTD1001-WP1-14, Rev 7, for Waste Retrieval and Closure Technologies (See Attachment 1-H)</p> <p>9) No. WW-410003-14, Rev 3, for Wind and Hydropower Tech Program (See Attachment 1-I)</p> <p>Funds were previously allocated by separate modifications under FINPLAN Nos. 15 and 16, for Fiscal Year 2014 (copies of FINPLANS provided, see Attachment J).</p> <p>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.</p> <p>D. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>Notes:</p> <p>1) FINPLAN #15 (page 1 only provided with subject Mod).</p> <p>2) See each Work Authorization for the Contracting Officer's approval date.</p>				