

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT D CODE		PAGE OF PAGES			
					12			
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)		
0911		See Block 16C		20EM001454				
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE		
Savannah River Operations Office		893037		Savannah River Operations		00901		
U.S. Department of Energy				U.S. Department of Energy				
Savannah River Operations				Savannah River Operations				
P.O. Box A				P.O. Box A				
Aiken SC 29802				Aiken SC 29802				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)			9A. AMENDMENT OF SOLICITATION NO.	
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC								
Attn: James W. Johnson, Jr.							9B. DATED (SEE ITEM 11)	
203 LAURENS ST SW								
AIKEN SC 29801								
CODE		FACILITY CODE		x			10A. MODIFICATION OF CONTRACT/ORDER NO.	
798861048							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 electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication 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:		\$4,178,488.81		
See Schedule								
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.								
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
X	D. OTHER (Specify type of modification and authority) 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 _____ copies to the issuing office.								
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)								
A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work for Other Federal Agency) in accordance with SRNS FINPLAN No. 73 for FY 2020, as cited below:								
1) Department of Commerce \$7,281.55								
2) Department of the Homeland Security \$864,159.64								
3) Department of the Army \$1,984,135.00								
4) Department of the Navy \$850,000.00								
5) National Aeronautics and Space Administration \$472,912.62								
The total amount obligated is \$4,178,488.81 thereby increasing it from \$12,346,055,935.74								
Continued ...								
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.								
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACT NG OFFICER (Type or print)				
				Justin A. Speering				
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED		
(Signature of person authorized to sign)				Signature on File				
				(Signature of Contracting Officer)				

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	to \$12,350,234,424.55. B. As a result of this modification, Part I - Schedule, Section B, Supplies or Services and Price/Cost, paragraph B, entitled "Obligation of Funds," is hereby revised to increase the total amount of funds obligated to the contract from \$13,743,880,465.91 to \$13,748,058,954.72. C. The contract estimated value and all other terms and conditions remain unchanged. Payment:				

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)	
0912		See Block 16C		20EM001454			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
		893037				00901	
Savannah River Operations Office 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: James W. Johnson, Jr. 203 LAURENS ST SW AIKEN SC 29801				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470			
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 electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication 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: \$55,822,373.28 See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
X DEAR 970.5232-4 Obligation of Funds (2000)							
E. IMPORTANT Contractor <input type="checkbox"/> is not <input checked="" 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 No. 73 for FY 2020. Funds in the amount of \$55,822,373.28 are hereby obligated to CLIN 0001, thereby increasing it from \$12,350,234,424.55 to \$12,406,056,797.83.							
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 \$13,748,058,954.72 to \$13,803,881,328.00.							
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)			
				Justin A. Speering			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
				Signature on File		05/21/2020	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment:				

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)	
0913		See Block 16C		20EM001454			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
		893037				00901	
Savannah River Operations Office 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: James W. Johnson, Jr. 203 LAURENS ST SW AIKEN SC 29801				(x)			
				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470			
				10B. DATED (SEE ITEM 13)			
CODE		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 electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication 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:		\$541,310.68	
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
X	D. OTHER (Specify type of modification and authority) 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 _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
A. The purpose of this modification is to obligate funds to CLIN 0001, (Reimbursable Work Commercial (Non-Appropriated funds)) in accordance with SRNS FINPLAN No. 73 for FY 2020. Funds in the amount of \$541,310.68 are hereby obligated to CLIN 0001, thereby increasing it from \$12,406,056,797.83 to \$12,406,598,108.51.							
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 \$13,803,881,328.00 to \$13,804,422,638.68.							
C. The contract estimated value and all other terms and conditions remain unchanged Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 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)			
				Justin A. Speering			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
				Signature on File		05/21/2020	
(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)
	NOTE: FOR GOVERNMENT REPORTING OF FPDS FROM STARS TO USA SPENDING - The Total Obligated amount \$13,804,422,638.68 includes an obligation of \$541,310.68 of Non-Appropriated funds. The total amount of Non-Appropriated funds is increased by \$541,310.68 for a cumulative total of \$2,619,243.75 to-date for FY 2020. Payment:				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT D CODE		PAGE OF PAGES	
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2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
0914		See Block 16C					
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
		893037				00901	
Savannah River Operations Office 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: James W. Johnson, Jr. 203 LAURENS ST SW AIKEN SC 29801				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470			
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 electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication 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 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 <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 three (3) contract work authorizations reference Fiscal Year 2020 SRNS Financial Plan Numbers 72 and 73. Accordingly, the following applies:							
1) ET20014-20, Rev 6, Energy and Threat (see attachment 1-A) 2) HI-410003-20, Rev 1, Fuel Cell Technologies Office (see attachment 1-B) 3) SFWD-20, Rev 4, Spent Fuel and Waste Disposition (see attachment 1-C)							
Funds were previously allocated by separate modification; reference SRNS Financial Plan Numbers 72 and 73 for FY 2020.							
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)			
				Justin A. Speering			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
				Signature on File		06/04/2020	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

NAME OF OFFEROR OR CONTRACTOR
 SAVANNAH RIVER NUCLEAR SOLUTIONS LLC

ITEM NO. (A)	SUPPL ES/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>Note: See the Contract Work Authorization for date approved by the Contracting Officer.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p> <p>Payment:</p>				

Contract Work Authorization
Supporting Documentation Index

<u>Document No.</u>	<u>Work Proposal Number</u>	<u>Project Title</u>
A.	ET20014-20, Rev 6	Energy and Threat (9 pages inclusive of supporting documentation from DOE-HQ). Funds were allocated under FY20 FINPLAN #73.
B.	HI-410003-20, Rev 1	Fuel Cell Technologies Office (10 pages inclusive of supporting documentation from DOE-HQ). Funds were allocated under FY20 FINPLAN #73.
C.	SFWD-20, Rev 4	Spent Fuel and Waste Disposition (14 pages inclusive of supporting documentation from DOE-HQ). Funds were allocated under FY20 FINPLAN #72.
D.	SRNS Financial Plan	FINPLAN #72 and #73 (applicable pages only)

Note: Funding previously allocated under FY20 FINPLAN Numbers 72 and 73. The contract work authorization was reviewed via Department of Energy Savannah River Operations Office 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. 0914/STRIPES Procurement System.

Attachment 1-A

DOE Work Authorization - Revision - ET20014-20 - Approved

Created: 05/06/2020 Revision: 6

U. S. Department of Energy Contract Work Authorization (If you need assistance with this form contact Belinda Tilley 5-5352)

Tracking Number

2020-036

Program Area

National Security

Is this work performed for a contractor or DOE Office in the State of Washington? ☐ Yes ☒ No

Is there another manager responsible for this scope? (i.e. Program Manager) ☐ Yes ☒ No

1a. Project Title

Energy and Threat

1b. Work Proposal Number (if applicable) **1c. Performing Organization**

Various

☒ **SRNL** ☐ **SRNS**

2. Headquarters Program Point of Contact (Name)

Sandra Covington

Organization Code:

Unknown

Telephone No.:

202-586-5166

3. Headquarters Budget Point of Contact

Penny Lamb

Organization Code:

Unknown

Telephone No.:

202-586-6034

4. Responsible Program:

Office of Energy and Threat

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 and Telephone No.

James W. Johnson, Jr. 803-952-7712

8. Work Authorization Number:

ET20014-20

9. Revision Number:

6

10. Funds Authorized (See note below)

This Work Authorization provides 30 days of funding under the FY 2020 Further consolidated Appropriations Act, P.L. 116-94

B&R Code	Agreement/Project #	Local Use	FY (current year unless noted)	Previous	Change	Current
GD6020100	3203761			\$369,900	\$0.00	\$369,900
GD6020300	3203763			\$1,075,100	\$780,000	\$1,855,100
GD6020400	3203764			\$45,000.00	\$0.00	\$45,000
Totals				\$1,490,000	\$780,000	\$2,270,000

Type Money

No year money

11. Performance Period
Covered From:

10/01/2019

Performance Period
Covered by Funds To:

09/30/2020

12. Work Start Date:

10/01/2019

13. Expected Completion D

09/30/2020

14. Statement of Work (includes attachments)

Funding is from the DOE Office of Intelligence and Counterintelligence and the deliverables are to support on going classified activities.

REPORTING REQUIREMENTS

Provide monthly cost status reports to program managers

15. Technical Point of Contact

Name and Phone

FEDARCYK, MICHAEL R. - (803) 725-672

Manager and Phone

WILSON, DAVID L. - (803) 725-3471

Is there another Technical Point of Contact for this agreement?

☐ Yes ☒ No

16. DOE-SR
Program Point
of Contact

Tony Polk

17. DOE-SR
Field Budget
Official

Patricia E. Petty

18. Contractor's
Authorized
Representative

James. W. Johns

19. DOE Contracting
Officer (or delegated
representative)

Justin A. Speering

Tech POC

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

☒ Yes ☐ No

DOE-SR Work Authorization Program

DOE Order 412 Compliance Checksheet

Project Title

Energy and Threat

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

- | | |
|--|---|
| 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 | <input checked="" type="radio"/> Yes <input type="radio"/> No |

Statement of work (see paragraph below)

- | | |
|---|---|
| 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 advance or technical progress) | <input checked="" type="radio"/> Yes <input type="radio"/> No |

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

- | | |
|--|---|
| 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 241.1"A, Scientific and Technical Information Management

☒ Yes ☐ No

Associated performance-based indicators/targets consistent with DOE G 120.1-5, Guidelines for Performance measurement, and any additional guidance that will assist the contrator in the performance of the work.

☒ Yes ☐ No

Reviewer's Comments

This authorization is accepted

☒ Yes ☐ No

DOE-SR Field Budget Official

FDS 2.0 database search complete and results attached to WAD package?

☒ Yes ☐ No

Funding constrained:

No

Type Money

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

Is this funding in the Fin Plan?

☒ Yes ☐ No

Fin Plan Number

73

Comments


Add Comment

User Id	Name	Comment	Posted
I4108	HUNTER, SHARON C.	Will be on finplan 73 sch	05/06/2020 02:22PM

Reviews

User Id	Name	Comment	Reviewed
I4108	HUNTER, SHARON C.		05/06/2020 02:22PM

Attachments

 2020-36 SRNS GD602 ET20014 Ma
y Rev 6.pdf ()

Add Files

0 file(s) pending. 

Approvals

Technical Review Sequence:Parallel

User Id	Name / Title	Notified	Received	Approved
J4952	FEDARCYK, MICHAEL R. Technical POC	05/06/2020 02:20PM	05/06/2020 02:22PM	05/06/2020 02:23PM

Technical Review ⬆

DOE-SR Review Sequence:Serial

User Id	Name / Title	Notified	Received	Approved
L1536	JANI, DIPAK V. DOE-SR Work Authorization Coordinator	05/06/2020 02:23PM	05/07/2020 07:24AM	05/07/2020 07:26AM

DOE-SR Review ⬆

DOE SR Prog POC Sequence:Serial

User Id	Name / Title	Notified	Received	Approved
B8251	CRENSHAW, JEFFREY DOE-SR Review	05/07/2020 07:26AM	05/07/2020 12:21PM	05/07/2020 12:22PM
B7992	POLK, PHILLIP A. DOE-SR Program POC	05/07/2020 12:22PM	05/07/2020 12:56PM	05/07/2020 12:57PM

DOE SR Prog POC ⬆

DOE-SR Field Budget Official Sequence:Parallel

User Id	Name / Title	Notified	Received	Approved
G0690	PETTY, PATRICIA E. DOE--SR Field Budget Official	05/07/2020 12:57PM	05/07/2020 04:41PM	05/07/2020 04:52PM

DOE-SR Field Budget Official ⬆

Contracts Review & Concurrence Sequence:Serial

User Id	Name / Title	Notified	Received	Approved
G1666	PERELLA, SHARON A. SRNS Contracts Reviewer	05/07/2020 04:52PM	05/08/2020 06:54AM	05/08/2020 06:55AM
E7099	JOHNSON, JAMES W. JR SRNS Contracts Authorized Representative	05/08/2020 06:55AM	05/08/2020 09:18AM	05/08/2020 09:18AM

Contracts Review & Concurrence ⬆

DOE Approval Sequence:Parallel

User Id	Name / Title	Notified	Received	Approved
I8043	SPEERING, JUSTIN A. DOE Contracting Officer	05/08/2020 09:18AM	05/11/2020 06:55AM	05/28/2020 06:23PM

DOE Approval ⬆

Contracts Approval Sequence:Parallel

User Id	Name / Title	Notified	Received	Approved
E7099	JOHNSON, JAMES W. JR SRNS Contracts Final Approval	05/28/2020 06:23PM	05/28/2020 07:11PM	05/28/2020 07:13PM

Contracts Approval ⬆

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: Sandra Covington Telephone # 202-586-5166
3. HQ Budget Point of Contact:
Name: Penny Lamb Telephone # 202-586-6034
4. Responsible Program Office: Analysis, CI Training, & Office of the SCIO
- Responsible Program Secretarial
5. 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: Michael Fedarczyk Telephone # 803-725-6727
8. Work Authorization Number: ET20014 Month: MAY 9. Revision: 6
10. Funds Hereby Authorized:

B&R Code/STARS Value Code	FY 2020 Initial Amount	Prior Changes to Date	YTD Amount	Current Month Change	FY 2020 Revised Amount
GD6020100 / 3203761 (Analysis)	58,680.00	311,220.00	369,900.00	-	369,900.00
GD6020300 / 3203763 (Investigations)	161,810.00	913,290.00	1,075,100.00	780,000.00	1,855,100.00
GD6020400 / 3203764 (CI Training)	-	45,000.00	45,000.00	-	45,000.00
GD6020600 / 3203766 (Insider Threat)	-	-	-	-	-
GD6020700 / 3203767 (Inspections)	-	-	-	-	-
GD6020900 / 3203769 (SCIO)	-	-	-	-	-
GD6020950 / 3203770 (M&O at DOE HQ)	-	-	-	-	-
Totals:	220,490.00	1,269,510.00	1,490,000.00	780,000.00	2,270,000.00

11. Performance Period: 10/1/2019 until expended 12. Work Start Date: 10/1/2019
13. Expected Completion Date: Continuing

14. Statement of Work: This Work Authorization provides additional funding under the FY 2020 Further Consolidated Appropriations Act, P.L.116-94 \$780k in GD6020300 is for two additional positions.

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

16. Work Authorization Program Official:

Name: Jose Delgado

Date: 4/27/2020

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.

Date	5/6/2020							
Name	Sharon Hunter							
2020 ET19014 Energy & Threat								
Revision #	B & R	Previous	Change	Current	Agreement	Funding Date	Funding Period	FINPLAN
0	GD6020100	\$ -	\$ 58,680.00	\$ 58,680.00		10/9/2019	Oct-20	64
	GD6020300	\$ -	\$ 161,810.00	\$ 161,810.00		10/9/2019	Oct-20	64
		\$ -	\$ -	\$ -				
		\$ -	\$ -	\$ -				
		\$ -	\$ -	\$ 220,490.00				
1	GD6020100	\$ 58,680.00	\$ 129,784.00	\$ 188,464.00		12/3/2020	Dec-20	65
	GD6020300	\$ 161,810.00	\$ 90,190.00	\$ 252,000.00		12/3/2020	Dec-20	65
	GD6020400		\$ 15,000.00	\$ 15,000.00		12/3/2020	Dec-20	65
		\$ -	\$ -	\$ -				
		\$ 220,490.00	\$ 234,974.00	\$ 455,464.00				
2	GD6020100	\$ 188,464.00				1/8/2020	Jan-20	67
	GD6020300	\$ 252,000.00	\$ 90,190.00	\$ 342,190.00		1/8/2020	Jan-20	67
	GD6020400	\$ 15,000.00	\$ -	\$ 15,000.00		1/8/2020	Jan-20	67
		\$ -	\$ -	\$ -				
		\$ -	\$ -	\$ -				
		\$ 267,000.00	\$ 90,190.00	\$ 357,190.00				
3	GD6020100	\$ 188,464.00	\$ 120,000.00	\$ 308,464.00		2/1/2020	Feb-20	69
	GD6020300	\$ 342,190.00	\$ 90,190.00	\$ 432,380.00		2/1/2020	Feb-20	69
	GD6020400	\$ 15,000.00	\$ 5,000.00	\$ 20,000.00		2/1/2020	Feb-20	69
		\$ -	\$ -	\$ -				
		\$ 545,654.00	\$ 215,190.00	\$ 760,844.00				
4	GD6020100	\$ 308,464.00	\$ 61,436.00	\$ 369,900.00		3/9/2020	Mar-20	70
	GD6020300	\$ 432,380.00	\$ 90,190.00	\$ 522,570.00		3/9/2020	Mar-20	70
	GD6020400	\$ 20,000.00	\$ -	\$ 20,000.00		3/9/2020	Mar-20	70
		\$ -	\$ -	\$ -				
		\$ 760,844.00	\$ 151,626.00	\$ 912,470.00				
5	GD6020100	\$ 369,900.00	\$ -	\$ 369,900.00		3/30/2020	April	72
	GD6020300	\$ 522,570.00	\$ 552,530.00	\$ 1,075,100.00		3/30/2020	April	72
	GD6020400	\$ 20,000.00	\$ 25,000.00	\$ 45,000.00		3/30/2020	April	72
		\$ -	\$ -	\$ -				
		\$ 912,470.00	\$ 577,530.00	\$ 1,490,000.00				
6	GD6020100	\$ 369,900.00	\$ -	\$ 369,900.00		5/6/2020	May	73
	GD6020300	\$ 1,075,100.00	\$ 780,000.00	\$ 1,855,100.00		5/6/2020	May	73
	GD6020400	\$ 45,000.00	\$ -	\$ 45,000.00		5/6/2020	May	73
		\$ -	\$ -	\$ -				
		\$ 1,490,000.00	\$ 780,000.00	\$ 2,270,000.00				
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Date: 5/6/2020		2020 ET20014 Energy and Threat														
Submitted By: Sharon Hunter																
	Current	Legacy B&R	Fund Code	Appropriation	Appr. Year	Fiscal Year	Reporting Entity	Object Class	Program	Project	WFO	Local Use Code	Amount	Finplan	Funding Period	Revisions /Requisition
Line 1	C002970	GD6020100	01060	089X0243	2020	2020	410003	25400	3203761	0000000	0000000	0000000	\$ 58,680.00	64	10/2020	0
Line 2	C002970	GD6020300	01060	089X0243	2020	2020	410003	25400	3203763	0000000	0000000	0000000	\$ 161,810.00	64	10/2020	0
Line 3	C002970	GD6020100	01060	089X0243	2020	2020	410003	25400	3203761	0000000	0000000	0000000	\$ 129,784.00	66	12/2020	1
Line 4	C002970	GD6020300	01060	089X0243	2020	2020	410003	25400	3203763	0000000	0000000	0000000	\$ 90,190.00	66	12/2020	1
Line 5	C002970	GD6020400	01060	089X0243	2020	2020	410003	25400	3203764	0000000	0000000	0000000	\$ 15,000.00	66	12/2020	1
Line 6	C002970	GD6020300	01060	089X0243	2020	2020	410003	25400	3203763	0000000	0000000	0000000	\$ 90,190.00	67	11/2020	2
Line 7	C002970	GD6020100	01060	089X0243	2020	2020	410003	25400	3203761	0000000	0000000	0000000	\$ 120,000.00	69	2/1/2020	3
Line 8	C002970	GD6020300	01060	089X0243	2020	2020	410003	25400	3203763	0000000	0000000	0000000	\$ 90,190.00	69	2/1/2020	3
Line 9	C002970	GD6020400	01060	089X0243	2020	2020	410003	25400	3203764	0000000	0000000	0000000	\$ 5,000.00	69	2/1/2020	3
Line 10	C002970	GD6020100	01060	089X0243	2020	2020	410003	25400	3203761	0000000	0000000	0000000	\$ 61,436.00	71	Mar-20	4
Line 11	C002970	GD6020300	01060	089X0243	2020	2020	410003	25400	3203763	0000000	0000000	0000000	\$ 90,190.00	71	Mar-20	4
Line 12	C002970	GD6020400	01060	089X0243	2020	2020	410003	25400	3203763	0000000	0000000	0000000	\$ 552,530.00	72	Apr-20	5
Line 13	C002970	GD6020300	01060	089X0243	2020	2020	410003	25400	3203764	0000000	0000000	0000000	\$ 25,000.00	72	April 2020	5
Line 14	C002970	GD6020400	01060	089X0243	2020	2020	410003	25400	3203763	0000000	0000000	0000000	\$ 780,000.00	73	May 2020	6
Line 15													\$ -			
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Attachment 1-B

DOE Work Authorization

Revision

Approved

HI-410003-20

Created By: Belinda Tilley On: May-14-2020 02:11:00 PM

Revision:

0 1

[Work Authorization](#)

[Tech POC](#)

[DOE SR Prog POC](#)

[DOE-SR Field Budget Official](#)

U.S. Department of Energy Contract Work Authorization (If you need assistance with this form, contact Belinda Tilley 5-5352)

Tracking Number:

2020-037

Is this work performed for a contractor or DOE Office in the State of Washington?

☐ Yes ☒ No

Program Area

Energy Material Science

Is there another manager responsible for this scope? (i.e. Program Manager)

☒ Yes ☐ No

Identify the responsible scope manager

MCWHORTER, C. SCOTT

1a. Project Title

Fuel Cell Technologies Office

1b. Work Proposal Number (if applicable)

FY20 AOP

1c. Performing Organization

☒ SRNL ☐ SRNS

2. Headquarters Program Point of Contact (Name)

Sunita Satyapal

Organization Code:

EE-3F

Telephone No:

202-586-2336

3. Headquarters Budget Point of Contact (Name)

Marlon Harris

Organization Code:

EE-3B

Telephone No:

202-586-2084

4. Responsible Program:

Office of Energy Efficiency and Renewable Energy

5. Responsible Secretarial Officer:

Daniel R. Simmons

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 and Telephone No.

James W. Johnson, Jr. 803-952-7712

8. Work Authorization Number

HI-410003-20

9. Revision Number:

1

10. Funds Authorized (See note below)

B&R Code	Agreement/Project #	Local Use	FY (current year unless noted)	Previous	Change	Current
HT12000	34786			\$ 147,06	\$ 0.00	\$ 147,06
HT02010	32115			\$ 0.00	\$ 100,00	\$ 100,00
Totals				\$ 147,064	\$ 100,000	\$ 247,064

Type Money

No year money

11. Performance Period Covered From:

10/01/2019



Performance Period Covered By Funds To:

09/30/2020



12. Start Work Date:

10/01/2019



13. Expected Completion Date:

09/30/2020



14. Statement of Work (includes attachments)

Agreement #32115 - SRNL HydroGen AWSM EMN Consortium - This action provides node support funding to SRNL for their LTE/Hybrid supernode activities. Work includes characterization of catalysts and the role of concentrated sulfuric acid and gaseous SO₂ as it relates to the hybrid cycle.

Funding is authorized by the Fuel Cell Technologies Office to perform work in the areas of:

*Hydrogen Fuel R&D and Hydrogen Infrastructure R&D: Production, storage, and delivery of hydrogen from diverse domestic resources to meet a delivered hydrogen cost of \$4 per gallon gasoline equivalent and other application-specific targets.

15. Technical Point of Contact

Name and Phone

FOX, ELISE B.

(803) 507-8560

Manager and Phone

BANNOCHIE, ...

(803) 725-8088

Is there another Technical Point of Contact for this agreement?

☐ Yes ☒ No

16. DOE-SR Program Point of Contact

Tony Polk

17. DOE-SR Field Budget Official

Patricia E. Petty

18. Contractor's Authorized Representative

James W. Johnson Jr.

19. DOE Contracting Officer (or delegated representative)

Sylvia C. Maroney

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

☒ Yes ☐ No

Approvals:

FOX, ELISE B.

C3490

Technical Point of Contact

Approved

5/14/2020, 2:21:00 PM

DOE Order 412 Compliance Checksheet

Project Title

Fuel Cell Technologies Office

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

Project title and reference to work proposal number, if applicable ☒ Yes ☐ No

Headquarters programmatic point of contact, organization, and telephone number ☒ Yes ☐ No

Headquarters budget point of contact, organization code, and telephone number ☒ Yes ☐ No

Responsible program ☒ Yes ☐ No

Responsible program Secretarial Officer ☒ Yes ☐ No

Responsible field organization ☒ Yes ☐ No

Responsible contracting officer if different from above ☒ Yes ☐ No

Site/facility management contractor name, point of contact, and telephone number ☒ Yes ☐ No

Work authorization number, with revision number if applicable ☒ Yes ☐ No

Budget and reporting code and funding level ☒ Yes ☐ No

Dates for performance period, work start, and work completion ☒ Yes ☐ No

Statement of work (see paragraph below)

Headquarters, field organization, contractor, and if involving changes to scope, schedule, or funding, contracting officer signature blocks ☒ Yes ☐ No

Reporting requirements, including (a) project management or status reports and (b) reports or publications for the purpose of informing DOE, the scientific community, and the public of the project results (e.g., scientific advance or technical progress) ☒ Yes ☐ No

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

☒ Yes ☐ No

Detailed statement of work to be performed or reference to a work proposal, project plan, or similar document describing the scope of work in detail

Required milestone dates

☒ Yes ☐ No

Deliverables, including technical information as required by DOE O 241.1 A, Scientific and Technical Information Management

☒ Yes ☐ No

Associated performance-based indicators/targets consistent with DOE G 120.1-5, Guidelines for Performance measurement, and any additional guidance that will assist the contractor in the performance of the work.

☒ Yes ☐ No

Reviewer's Comments

This authorization is accepted

☒ Yes ☐ No

FDS 2.0 database search complete and results attached to WAD package?

☒ Yes ☐ No

Funding constrained:

No

Type Money

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

Is this funding in the Fin Plan?

☒ Yes ☐ No

Fin Plan Number

73

Comments

Add

Comments



Search:

Comment	User	Date
Will be on finplan #73 sch 5/14/2020	Sharon Hunter (I4108)	5/14/2020, 4:12:00 PM

Showing 1 to 1 of 1 entries

Previous **1** Next

Add Comment

Reviews



Search:

User ID	Name	Comment	Reviewed
I4108	Sharon Hunter		5/14/2020, 4:12:00 PM

Showing 1 to 1 of 1 entries

[Previous](#) [1](#) [Next](#)

Attachments



Search:

View	Attachment	User	Date
View	2020-37 Fuel Cell Rev 1.pdf	Belinda Tilley (W0690)	5/14/2020, 2:11:00 PM

Showing 1 to 1 of 1 entries

[Previous](#) [1](#) [Next](#)

Add Attachment

Allowed File Extensions: docm , jpg , png , doc , docx , xls ,xlsx , pdf , ppt , pptx , snag , xps , rtf , tiff , l6 , eml , msg

Approvals



Technical Review

Sequence: Parallel

User ID	Name / Title	Notified	Received	Approved
C3490	FOX, ELISE B. <i>Technical Point of Contact</i>	5/14/2020, 2:16:00 PM	5/14/2020, 2:19:00 PM	5/14/2020, 2:21:00 PM

Manager(s) Approval

Sequence: Parallel

User ID	Name / Title	Notified	Received	Approved
A5298	MCWHORTER, C. SCOTT <i>Program Manager</i>	5/14/2020, 2:21:00 PM	5/14/2020, 2:41:00 PM	5/14/2020, 2:42:00 PM

User ID	Name / Title	Notified	Received	Approved
L2320	BANNOCHIE, CHRISTOPHER J. <i>Manager</i>	5/14/2020, 2:21:00 PM	5/19/2020, 9:09:00 AM	5/19/2020, 9:20:00 AM
<hr/>				
DOE-SR Review		Sequence: Serial		
User ID	Name / Title	Notified	Received	Approved
L1536	JANI, DIPAK V. <i>DOE-SR Work Authorization Coordinator</i>	5/19/2020, 9:20:00 AM	5/19/2020, 9:25:00 AM	5/19/2020, 9:29:00 AM
<hr/>				
DOE SR Prog POC		Sequence: Serial		
User ID	Name / Title	Notified	Received	Approved
B8251	CRENSHAW, JEFFREY <i>DOE-SR Review</i>	5/19/2020, 9:29:00 AM	5/19/2020, 9:32:00 AM	5/19/2020, 9:33:00 AM
B7992	POLK, PHILLIP A. <i>DOE-SR Program POC</i>	5/19/2020, 9:33:00 AM	5/19/2020, 9:49:00 AM	5/19/2020, 9:49:00 AM
<hr/>				
DOE-SR Field Budget Official		Sequence: Parallel		
User ID	Name / Title	Notified	Received	Approved
G0690	PETTY, PATRICIA E. <i>DOE--SR Field Budget Official</i>	5/19/2020, 9:49:00 AM	5/20/2020, 5:54:00 PM	5/20/2020, 5:58:00 PM
<hr/>				
Contracts Review & Concurrence		Sequence: Serial		
User ID	Name / Title	Notified	Received	Approved
G1666	PERELLA, SHARON A. <i>SRNS Contracts Reviewer</i>	5/20/2020, 5:58:00 PM	5/21/2020, 7:18:00 AM	5/21/2020, 7:18:00 AM
E7099	JOHNSON, JAMES W. JR <i>SRNS Contracts Authorized Representative</i>	5/21/2020, 7:18:00 AM	5/21/2020, 9:03:00 AM	5/21/2020, 9:03:00 AM
<hr/>				
DOE Approval		Sequence: Parallel		

User ID	Name / Title	Notified	Received	Approved
I8043	SPEERING, JUSTIN A. <i>DOE Contracting Officer</i>	5/21/2020, 9:03:00 AM	5/21/2020, 3:40:00 PM	5/28/2020, 6:22:00 PM
<hr/>				
Contracts Approval		Sequence: Parallel		
User ID	Name / Title	Notified	Received	Approved
E7099	JOHNSON, JAMES W. JR <i>SRNS Contracts Final Approval</i>	5/28/2020, 6:22:00 PM	5/28/2020, 7:10:00 PM	5/28/2020, 7:11:00 PM
<hr/>				
<hr/>				

FED 20-8129 MAY

Electronically signed by Sunita Satyapal
6cc2759c-9516-4375-a411-a7a0b7c20be0
Program Manager: Satyapal, Sunita
Site Officer:
Laboratory/Contractor:
Contracting Officer:

MEMORANDUM FOR: Dr. Vahid Majidi, Director
Savannah River National Laboratory (SRNL)

SUBJECT: FY 2020 Fuel Cell Technologies Office Funding for Savannah River National Laboratory (SRNL)

In accordance with the approved Energy Efficiency and Renewable Energy Fuel Cell Technologies Office FY 2020 spend plan, funding has been planned for obligation and expenditure in accordance with program guidance as indicated below. Required changes can be completed via an Agreement Funds Transfer coordinated in the Corporate Planning System (CPS). The laboratory receiving the funds detailed in this letter will be responsible for reporting all funding obligations and cost to headquarters. The laboratory recipient must maintain obligations and cost data at the agreement level, and the data must be made available to Energy Efficiency and Renewable Energy.

PROGRAM GUIDANCE:

Funding Summary

B&R code	BA (\$)
HT0201000-05450-1009191	\$100,000.00

Funding Action # 96817 (Regular, Operating), HQ POC: Randolph, Katie, Field POC: Fox, Elise

Agreement/solicitation ID & Title	B&R Code	Funding Amount
Agreement #32115 - SRNL HydroGen AWSM EMN Consortium	HT0201000-05450-1009191	\$100,000.00

Description of Work: This action provides node support funding to SRNL for their LTE/Hybrid supernode activities. Work includes characterization of catalysts and the role of concentrated sulfuric acid and gaseous SO₂ as it relates to the hybrid cycle.

*Electronically signed by Sunita Satyapal
6cc2759c-9516-4375-a411-a7a0b7c20be0*

Sunita Satyapal, Director
Fuel Cell Technologies Office
Energy Efficiency and Renewable Energy

CC: Lonnie Gordon (SRNL)
Patricia Petty (SRS)

Date: 5/14/2020

Submitted By: Sharon Hunter

2020 Fuel Cell Technologies Funding

Cparent	Legacy B&R	Fund Code	Appropriation	Fiscal Year	Appr. Year	Reporting Entity	Object Class	Program	Project	WFO	Local Use Code	Amount	Date Received	Agreement #	Disbursed Funds - Finplan
C002796	HT1200000	05450	089X0321	2020	2020	410003	25400	1005705	0000000	0000000	0000000	\$ 147,064.00	12/16/2019	34786	66
C002796	HT0201000	05450	089X0321	2020	2020	410003	25400	1009191	0000000	0000000	0000000	\$ 100,000.00	5/14/2020	32115	73
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Line 26												\$ -			
Line 27												\$ -			
Line 28												\$ -			
Line 29												\$ -			
Line 30												\$ -			
Line 31												\$ -			
Line 32												\$ -			
Line 33												\$ 247,064.00			

Date	5/14/2020
Name	Sharon Hunter

2020 Fuel Cell Technologies

Revision #	B & R	Previous	Change	Current	Agreement	
0	HT1200000	\$ -	\$ 147,064.00	\$ 147,064.00	34786	
		\$ -	\$ -	\$ -		
			\$ 147,064.00			
1	HT0201000	\$ 147,064.00	\$ 100,000.00	\$ -	32115	
			\$ -	\$ -		
			\$ -	\$ -		
			\$ -	\$ -		
		\$ 147,064.00	\$ 100,000.00	\$ 247,064.00		
2		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
3		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
			\$ -	\$ -		
		\$ -		\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
4		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
5		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
6		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		

Attachment 1-C

DOE Work Authorization - Revision - SFWD-20 - Approved

Created: 04/30/2020 Revision: 4

U. S. Department of Energy Contract Work Authorization (If you need assistance with this form contact Belinda Tilley 5-5352)

Tracking Number

2020-033

Program Area

Nuclear Materials Management Progr: ▾

Is this work performed for a contractor or DOE Office in the State of Washington? ☐ Yes ☒ No

Is there another manager responsible for this scope? (i.e. Program Manager) ☐ Yes ☒ No

1a. Project Title

Spent Fuel and Waste Disposition (SFWD)

1b. Work Proposal Number (if applicable) **1c. Performing Organization**

N/A

☒ **SRNL** ☐ **SRNS**

2. Headquarters Program Point of Contact (Name)

Kimberly Petry

Organization Code:

NE-82

Telephone No.:

301-903-5685

3. Headquarters Budget Point of Contact

Shannon Monahan

Organization Code:

NE-22

Telephone No.:

301-903-5870

4. Responsible Program:

Spent Fuel and Waste Disposition (SFWD)

5. Responsible Secretarial Officer:

Rita Baranwal, Assistant Secretary, NE-1

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 and Telephone No.

James W. Johnson, Jr. 803-952-7712

8. Work Authorization Number:

SFWD-20

9. Revision Number:

4

10. Funds Authorized (See note below)

This work authorization provides Office of Nuclear Energy (NE) guidance regarding Spent Fuel and Waste Disposition (SFWD) activities to be conducted by the Savannah River National Laboratory (SRNL) in FY 2020.

B&R Code	Agreement/Project #	Local Use	FY (current year unless noted)	Previous	Change	Current
FT060300	Unknown			\$4,600.00	\$2,850.0	\$7,450.0
FT060400	Unknown			\$138,000	\$86,000.	\$224,00
Totals				\$142,600	\$88,850.	\$231,45

Type Money

No year money

11. Performance Period
Covered From:

10/01/2019

Performance Period
Covered by Funds To:

09/30/2020

12. Work Start Date:

10/01/2019

13. Expected Completion D

09/30/2020

14. Statement of Work (includes attachments)

FY 2020 FT060300 increase of +\$2,850.00 via this WA is planned for the following Work Package:

1.) SF-20SR01080205 - Quality Assurance - SRNL: +\$2,850.00

FY 2020 FT060400 increase of +\$86,000.00 via this WA is planned for the following Work Package:

2.) SF-20SR01020702 - Water Consequences - SRNL: +\$86,000.00

15. Technical Point of Contact

Name and Phone

SINDELAR, ROBERT L. - (803) 725-5298

Manager and Phone

IYER, NATRAJ C. - (803) 725-2695

Is there another Technical Point of Contact for this agreement?

☐ Yes ☒ No

16. DOE-SR
Program Point
of Contact

Tony Polk

17. DOE-SR
Field Budget
Official

Patricia E. Petty

18. Contractor's
Authorized
Representative

James. W. Johns

19. DOE Contracting
Officer (or delegated
representative)

Justin A. Speering

Tech POC

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

☒ Yes ☐ No

SINDELAR, ROBERT L. T7645
Technical POC

Approved ☒
05/06/2020 05:57AM

DOE-SR Work Authorization Program

DOE Order 412 Compliance Checksheet

Project Title

Spent Fuel and Waste Disposition (SFWD)

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

- Project title and reference to work proposal number, if applicable

☒ Yes ☐ No
- Headquarters programmatic point of contact, organization, and telephone number

☒ Yes ☐ No
- Headquarters budget point of contact, organization code, and telephone number

☒ Yes ☐ No
- Responsible program

☒ Yes ☐ No
- Responsible program Secretarial Officer

☒ Yes ☐ No
- Responsible field organization

☒ Yes ☐ No
- Responsible contracting officer if different from above

☒ Yes ☐ No
- Site/facility management contractor name, point of contact, and telephone number

☒ Yes ☐ No
- Work authorization number, with revision number if applicable

☒ Yes ☐ No
- Budget and reporting code and funding level

☒ Yes ☐ No
- Dates for performance period, work start, and work completion

☒ Yes ☐ No

Statement of work (see paragraph below)

- Headquarters, field organiation, contractor, and if involving changes to scope, schedule, or funding, contracting officer signature blocks

☒ Yes ☐ No
- Reporting requirements, including (a) project management or status reports and (b) reports or publications for the purpose of informing DOE, the scientific community, and the public of the project results (e.g., scientific advance or technical progress)

☒ Yes ☐ No

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

- Detailed statement of work to be performed or reference to a work proposal, project plan, or similar document describing the scope of work in detail

☒ Yes ☐ No
- Required milestone dates

☒ Yes ☐ No
- Deliverables, including technical information as required by DOE O 241.1"A, Scientific and Technical Information Management

☒ Yes ☐ No

Associated performance-based indicators/targets consistent with DOE G 120.1-5, Guidelines for Performance measurement,
and any additional guidance that will assist the contrator in the performance of the work.

☒ Yes ☐ No

Reviewer's Comments

This authorization is accepted

☒ Yes ☐ No

DOE-SR Field Budget Official

FDS 2.0 database search complete and results attached to WAD package?

☒ Yes ☐ No

Funding constrained:

Type Money

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

Is this funding in the Fin Plan?

☒ Yes ☐ No

Fin Plan Number

Comments


Add Comment

User Id	Name	Comment	Posted
I4108	HUNTER, SHARON C.	Will be on finplan #72 sch	05/11/2020 06:27AM

Reviews

User Id	Name	Comment	Reviewed
I4108	HUNTER, SHARON C.		05/11/2020 06:27AM

Attachments

 2020-33 Rev 4.pdf ()

Add Files

0 file(s) pending. 

Approvals

Technical Review Sequence:Parallel

User Id	Name / Title	Notified	Received	Approved
T7645	SINDELAR, ROBERT L. Technical POC	04/30/2020 03:31PM	05/06/2020 05:55AM	05/06/2020 05:57AM

Technical Review 

Manager Approval Sequence:Parallel

User Id	Name / Title	Notified	Received	Approved
Y9828	IYER, NATRAJ C. Manager	05/06/2020 05:57AM	05/06/2020 07:52AM	05/06/2020 07:53AM

Manager Approval 

DOE-SR Review Sequence:Serial

User Id	Name / Title	Notified	Received	Approved
L1536	JANI, DIPAK V. DOE-SR Work Authorization Coordinator	05/06/2020 07:53AM	05/06/2020 08:01AM	05/06/2020 08:06AM

DOE-SR Review 

DOE SR Prog POC Sequence:Serial

User Id	Name / Title	Notified	Received	Approved
B8251	CRENSHAW, JEFFREY DOE-SR Review	05/06/2020 08:06AM	05/06/2020 08:28AM	05/06/2020 08:30AM

B7992	POLK, PHILLIP A. DOE-SR Program POC	05/06/2020 08:30AM	05/07/2020 12:57PM	05/07/2020 12:58PM
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DOE SR Prog POC ⬆

DOE-SR Field Budget Official Sequence:Parallel

User Id	Name / Title	Notified	Received	Approved
G0690	PETTY, PATRICIA E. DOE--SR Field Budget Official	05/07/2020 12:58PM	05/07/2020 04:52PM	05/11/2020 02:46PM

DOE-SR Field Budget Official ⬆

Contracts Review & Concurrence Sequence:Serial

User Id	Name / Title	Notified	Received	Approved
G1666	PERELLA, SHARON A. SRNS Contracts Reviewer	05/11/2020 02:46PM	05/11/2020 02:46PM	05/11/2020 02:48PM
E7099	JOHNSON, JAMES W. JR SRNS Contracts Authorized Representative	05/11/2020 02:48PM	05/12/2020 08:52AM	05/12/2020 08:52AM

Contracts Review & Concurrence ⬆

DOE Approval Sequence:Parallel

User Id	Name / Title	Notified	Received	Approved
I8043	SPEERING, JUSTIN A. DOE Contracting Officer	05/12/2020 08:52AM	05/18/2020 04:48PM	05/26/2020 01:43PM

DOE Approval ⬆

Contracts Approval Sequence:Parallel

User Id	Name / Title	Notified	Received	Approved
E7099	JOHNSON, JAMES W. JR SRNS Contracts Final Approval	05/26/2020 01:43PM	05/26/2020 03:28PM	05/26/2020 03:29PM

**WORK AUTHORIZATION
U.S. DEPARTMENT OF ENERGY
MANAGEMENT & OPERATION (M&O)/MANAGEMENT & INTEGRATION (M&I)
AND OTHER CONTRACT WORK AUTHORIZATION
SAVANNAH RIVER NATIONAL LABORATORY (SRNL)**

TOTAL PLANNED FY 2020:	310,000
FY FUNDS AUTHORIZED:	231,450
PY FUNDS AUTHORIZED:	0
TOTAL FUNDS AUTHORIZED:	231,450

APRIL - FY2020

Complete. Waiting for post approval concurrence from Gonzalez, Magali

1) a. Project Title:	Spent Fuel and Waste Disposition (SFWD)		
b. Work Proposal Number (if applicable):			
2) HQ Program Point of Contact:	Kimberly Petry	NE-82	301-903-5685
	Name	Org. Code	Tel No.
			Email
3) HQ Budget Point of Contact:	Shannon Monahan	NE-22	301-903-5870
	Name	Org. Code	Tel No.
			Email
4) Responsible Program:	Spent Fuel and Waste Disposition (SFWD)		
5) Responsible Secretarial Officer:	Rita Baranwal, Assistant Secretary, NE-1		
6) Responsible Field Organization:	Savannah River Operations Office		
7) a. Site and Facility Management Contractor:	Savannah River National Laboratory (SRNL)		
b. Point of Contact:	Joe Carter	803-725-4315	joe.carter@srs.gov
	Name	Tel No.	Email
8) Work Authorization No.:*	N/A	9) Revision No.:	4
* 2 digit program identifier, 4 digit sequential number, last digit of fiscal year.			
10) Funds Authorized:			

	Current Fiscal Year			Prior Fiscal Year		
B&R Code	FY Previous	FY Change	FY Current	PY Previous	PY Change	PY Current
AF5802	0	0	0	0	0	0
AF584015	0	0	0	0	0	0
AF586100	0	0	0	0	0	0
AF586101	0	0	0	0	0	0
AF586102	0	0	0	0	0	0
AF586103	0	0	0	0	0	0
AF586104	0	0	0	0	0	0
AF586105	0	0	0	0	0	0
AF586106	0	0	0	0	0	0
AF586500	0	0	0	0	0	0
AF586501	0	0	0	0	0	0
AF586502	0	0	0	0	0	0
AF586503	0	0	0	0	0	0
AF586504	0	0	0	0	0	0
AF58 Total	0	0	0	0	0	0
FT060000	0	0	0	0	0	0
FT060100	0	0	0	0	0	0
FT060200	0	0	0	0	0	0
FT060300	4,600	2,850	7,450	0	0	0
FT060400	138,000	86,000	224,000	0	0	0
FT06 Total	142,600	88,850	231,450	0	0	0
FT070000	0	0	0	0	0	0
FT070100	0	0	0	0	0	0
FT070200	0	0	0	0	0	0
FT070300	0	0	0	0	0	0
FT070400	0	0	0	0	0	0
FT07 Total	0	0	0	0	0	0
Total	142,600	88,850	231,450	0	0	0

- 11) Performance Period Covered By Funds: From: 10/01/2019 To: 09/30/2021
- 12) Work Start Date: 10/01/2019
- 13) Expected Completion Date: 09/30/2021

14) **Statement of Work:**

This Work Authorization (WA) provides Office of Nuclear Energy (NE) guidance regarding Spent Fuel and Waste Disposition (SFWD) activities to be conducted by the Savannah River National Laboratory (SRNL) in FY 2020, as stated within the FY 2020 Further Consolidated Appropriations Act, H.R. 1865. This WA is based on funding provided for Appropriation 89X0319 and reflected in the FT06 and FT07 Budget and Reporting codes for the April Approved Funding Program (AFP). Under this WA, authorized Current Fiscal Year funding obligations for SFWD program activities conducted at SRNL is increased by +\$88,850.00, from \$142,600.00 to \$231,450.00. See section 15 for further details.

The SFWD work packages defining the authorized work scope are maintained in the Program Information Collection System for Nuclear Energy (PICS:NE). A work scope must be provided and approved in PICS:NE and PICS:NE will be used for all monthly performance reporting to Headquarters Management including, but not limited to, the status of: Level 2 milestones, deliverables, cost and schedule, Baseline Change Proposals, and carryover projections. The funding allocation by B&R code is shown in the attached table.

All FY 2020 Contract Baseline Documents will be reviewed and concurred on by NE prior to their release. Any deviation from this guidance, or changes and adjustments to program funds, require prior NE approval.

Funds covered by this WA are not to be used for Headquarters programmatic support services. In addition, these funds are not to be used to hire support service contractors who are then used by Headquarters Federal personnel to perform specific tasks directed by a Federal employee.

All travel and conference activities funded through this WA are to be in compliance with the Office of Management and Budget Memorandum M-12-12 dated May 11, 2012, and SRNL, Savannah River Operations Office and Department of Energy conference reporting requirements.

Please obtain the appropriate signatures and return a copy of the completed authorization to Shannon Monahan (Shannon.Monahan@Nuclear.Energy.gov), NE-22.

I appreciate your cooperation and support to ensure that this program is successfully executed. The Headquarters point of contact for this work is Kimberly Petry, who can be contacted via e-mail at Kimberly.Petry@Nuclear.Energy.gov or by phone at (301)903-5685.

15) **Reporting Requirements:**

FY 2020 FT060300 increase of +\$2,850.00 via this WA is planned for the following Work Package:

1.) SF-20SR01080205 - Quality Assurance - SRNL: +\$2,850.00

FY 2020 FT060400 increase of +\$86,000.00 via this WA is planned for the following Work Package:

2.) SF-20SR01020702 - Water Consequences - SRNL: +\$86,000.00

Funding Authorization Table

B&R Code	Total Planned FY2020	AFP Allotment
Total Spent Fuel and Waste Disposition (SFWD)	310,000	231,450
Total AF58	0	0
AF5802	0	0
AF584015	0	0
AF586100	0	0
AF586101	0	0
AF586102	0	0
AF586103	0	0
AF586104	0	0
AF586105	0	0
AF586106	0	0
AF586500	0	0
AF586501	0	0
AF586502	0	0
AF586503	0	0
AF586504	0	0
Total FT06	310,000	231,450
FT060000	0	0
FT060100	0	0
FT060200	0	0
FT060300	10,000	7,450
1.08.01.08 - Management and Integration	10,000	
1.08.01.08.02 - Quality Assurance	10,000	
FT060400	300,000	224,000
1.08.01.02 - Storage and Transportation Research	300,000	
1.08.01.02.07 - Dry Storage Canister Stress Corrosion Cracking	300,000	
Total FT07	0	0
FT070000	0	0
FT070100	0	0
FT070200	0	0
FT070300	0	0
FT070400	0	0
PY Funding Changes		

Distribution List

Last Name	First Name	Location	Email
ASTC	NE-GL	AST	ne-gl@alleghenyyst.com
Boyle	Bill	DOE-NV	Kimberly.Petry@Nuclear.Energy.gov
Brainard	Matt	AST-GTN	mbrainard@alleghenyyst.com
Buschman	Nancy	DOE-HQ	Nancy.Buschman@Nuclear.Energy.gov
Carter	Joe	SRNL	joe.carter@srnl.doe.gov
Craig	Jack	SRNL	Jack.Craig@srs.gov
Edgerton	Patrick	DOE-HQ	Patrick.Edgerton@Nuclear.Energy.Gov
Gonzalez	Magali	SRNL	magali.gonzalez@srs.gov
Gunter	Henry Allen	SRNL	h.gunter@srs.gov
Gunter	Tim	DOE-NV	timothy.gunter@nuclear.energy.gov
Larson	Ned	DOE-NV	ned.larson@nuclear.energy.gov
Monahan	Shannon	DOE-HQ	Shannon.Monahan@Nuclear.Energy.gov
Petry	Kim	DOE-HQ	Kimberly.Petry@Nuclear.Energy.gov
Rogers	Bernice	SRNL	bernice.rogers@srnl.doe.gov
Smith	Pat	SRNL	patricia02.smith@srs.gov

Approvals

Type	Title	Name	Action	Date
Submit	Work Authorization Submitter	Petry, Kim	Submitted	4/16/2020 6:26:18 AM
Accept	NE Program POC	Petry, Kim	Accepted	4/16/2020 6:26:32 AM
Accept	NE Budget POC	Monahan, Shannon	Accepted	4/16/2020 9:43:06 AM
Accept	NE Budget Director	Edgerton, Patrick	Accepted	4/16/2020 10:22:48 AM
Approve	Work Authorization Program Official	Boyle, Bill, Petry, Kim	Approved	4/16/2020 10:29:43 AM

Post Approval Action

Approve	Post Approval Reviewer - Operations	Gonzalez, Magali		
Post Approval Action				
Accept	Post Approval Reviewer - Contractor	Rogers, Bernice		

2020 Spent Fuel and Waste Disposition Funding

Revision #	B & R	Previous	Change	Current	Local Use	FP#
0	FT060300	\$ -	\$ 1,425.00	\$ 1,425.00		65
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ 1,425.00	\$ 1,425.00		
1		\$ -	\$ -	\$ -		66
	FT060300	\$ 1,425.00	\$ 820.00	\$ 2,245.00		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ 1,425.00	\$ 820.00	\$ 2,245.00		
2	FT060300	\$ 2,245.00	\$ 1,955.00	\$ 4,200.00		70
	FT060400	\$ -	\$ 126,000.00	\$ 126,000.00		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ 2,245.00	\$ 127,955.00	\$ 130,200.00		
3	FT060300	\$ 4,200.00	\$ 400.00	\$ 4,600.00		72
	FT060400	\$ 126,000.00	\$ 12,000.00	\$ 138,000.00		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ 130,200.00	\$ 12,400.00	\$ 142,600.00		
4	FT060300	\$ 4,600.00	\$ 2,850.00	\$ -		72
	FT060400	\$ 138,000.00	\$ 86,000.00	\$ 224,000.00		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ 142,600.00	\$ 88,850.00	\$ 224,000.00		
5		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
6		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		
		\$ -	\$ -	\$ -		

2017	6200095	45364036L	25400	0000000	0000000	0411327		16,685.72	0.00	0.00	0.00	16,685.72
2017	6200095	45364036L	25400	0000000	0000000	0411445		1,544,806.45	0.00	0.00	0.00	1,544,806.45
2016	6200095	45364036L	25400	0000000	0000000	0411042	SRDHS-PRND(FY11)	3,909.13	0.00	0.00	0.00	3,909.13

Subtotal for Program Parent: C003503, 453600000

23,738,492.92	26,786,113.06	3,698,294.64	10,478,407.70	54,223,100.62
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Financial Plan Number: 73

U.S. DEPARTMENT OF ENERGY
DOE AFF Local Financial Plan Report
Period Name: MAY-20
PO Number: SR22470
Fund Parent: ALL FUNDS
Fiscal Year: 2020
Reporting Entity:
Allottee: 36
Run Prior AFF Report?: N
Report Run Type: FINAL
Prior Financial Plan Run Code: SR22470-72
Changes Only?: N
To Date:
Report Output Type: BEARS VERSION
Report Output: TEXT

Report Date: 21-MAY-20 16:09
Page: 7 of 19

(27-APR-2020 14:15:06)

Rep Entity	Fund Code	Approp Year	Program	Legacy B&B	Object Class	Local Use	Project	WFO	Legacy Order Number	OCTADJI-20 Beginning Uncosted Obs	Previous	Change	Revised	Total Available
410003	00910													
			Subtotal for Fund: 00910							23,745,460.97	26,780,080.25	3,698,294.64	10,478,374.89	54,223,835.86
	01050	2019	3184701	HQ1001000	25400	0000000	0000000	0000000		375,963.60	0.00	0.00	0.00	375,963.60
			Subtotal for Program Parent: C002425, HQ0000000							375,963.60	0.00	0.00	0.00	375,963.60
	2018	3184699	HU1004500		25400	0000000	0000000	0000000		193,118.01	0.00	0.00	0.00	193,118.01
			Subtotal for Program Parent: C002426, HU0000000							193,118.01	0.00	0.00	0.00	193,118.01
	2015	3184817	RH0301000		25400	0000000	0000000	0000000		16,610.98	0.00	0.00	0.00	16,610.98
			Subtotal for Program Parent: C002451, RH0000000							16,610.98	0.00	0.00	0.00	16,610.98
	2020	4400031	HSD101000		25400	0000000	0000000	0000000		0.00	250,000.00	0.00	250,000.00	250,000.00
			Subtotal for Program Parent: C003246, HS0000000							0.00	250,000.00	0.00	250,000.00	250,000.00
			Subtotal for Fund: 01050							585,692.59	250,000.00	0.00	250,000.00	835,692.59
	01055	2020	6200094	45364036K	25400	0000000	0000000	3015462	CRAGR1AA20-19308003	0.00	18,750.00	0.00	18,750.00	18,750.00
		2019	6200094	45364036K	25400	0000000	0000000	3014018	NSAGR1AA1918305002	22,377.63	0.00	0.00	0.00	22,377.63
			Subtotal for Program Parent: C003003, 453600000							22,377.63	18,750.00	0.00	18,750.00	41,127.63
			Subtotal for Fund: 01055							22,377.63	18,750.00	0.00	18,750.00	41,127.63
	01060	2020	3203761	GD6020100	25400	0000000	0000000	0000000		0.00	369,900.00	0.00	369,900.00	369,900.00
		2019	3203761	GD6020100	25400	0000000	0000000	0000000		60,146.35	0.00	0.00	0.00	60,146.35
		2020	3203763	GD6020300	25400	0000000	0000000	0000000		0.00	1,075,100.00	780,000.00	1,855,100.00	1,855,100.00
		2019	3203763	GD6020300	25400	0000000	0000000	0000000		2,014,993.71	0.00	0.00	0.00	2,014,993.71
		2020	3203764	GD6020400	25400	0000000	0000000	0000000		0.00	45,000.00	0.00	45,000.00	45,000.00
		2019	3203764	GD6020400	25400	0000000	0000000	0000000		1,000.00	0.00	0.00	0.00	1,000.00
		2018	3203764	GD6020400	25400	0000000	0000000	0000000		2,835.69	0.00	0.00	0.00	2,835.69
		2019	3203769	GD6020900	25400	0000000	0000000	0000000		206,992.87	0.00	0.00	0.00	206,992.87
		2020	3203772	GD6030200	25400	0000000	0000000	0000000		0.00	3,062,672.88	0.00	3,062,672.88	3,062,672.88
		2019	3203772	GD6030200	25400	0000000	0000000	0000000		957,730.38	0.00	0.00	0.00	957,730.38
		2020	3203774	GD6030400	25400	0000000	0000000	0000000		0.00	25,000.00	0.00	25,000.00	25,000.00
		2019	3203774	GD6030400	25400	0000000	0000000	0000000		220,661.26	0.00	0.00	0.00	220,661.26
		2020	3203775	GD6030500	25400	0000000	0000000	0000000		0.00	10,000.00	0.00	10,000.00	10,000.00
		2018	3203775	GD6030500	25400	0000000	0000000	0000000		5,000.00	0.00	0.00	0.00	5,000.00
		2017	3203775	GD6030500	25400	0000000	0000000	0000000		9,383.73	0.00	0.00	0.00	9,383.73
		2020	3203776	GD6030600	25400	0000000	0000000	0000000		0.00	266,200.00	0.00	266,200.00	266,200.00
		2019	3203776	GD6030600	25400	0000000	0000000	0000000		35,442.32	0.00	0.00	0.00	35,442.32
		2020	3203777	GD6030700	25400	0000000	0000000	0000000		0.00	291,700.00	0.00	291,700.00	291,700.00
		2019	3203777	GD6030700	25400	0000000	0000000	0000000		382,171.40	0.00	0.00	0.00	382,171.40
		2020	3203778	GD6030800	25400	0000000	0000000	0000000		0.00	14,000.00	0.00	14,000.00	14,000.00
			Subtotal for Program Parent: C002970, GD6000000							3,896,357.71	5,159,572.88	780,000.00	5,939,572.88	9,835,930.59
			Subtotal for Fund: 01060							3,896,357.71	5,159,572.88	780,000.00	5,939,572.88	9,835,930.59
	01250	2020	1110676	EY4049110	25400	0000000	0004656	0000000		0.00	300,000.00	0.00	300,000.00	300,000.00
		2019	1110676	EY4049110	25400	0000000	0004569	0000000		96,731.01	0.00	0.00	0.00	96,731.01
		2019	1110676	EY4049110	25400	0000000	0004656	0000000		0.00	200,000.00	0.00	200,000.00	200,000.00
		2019	1110676	EY4049110	25400	0000000	0001771	0000000		0.00	925,000.00	0.00	925,000.00	925,000.00
		2019	1110676	EY4049110	25400	0000000	0004562	0000000		4,512.20	0.00	0.00	0.00	4,512.20

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2019	2720965	AF5861010	25400	0000000	0000000	0000000	4,261.66	0.00	0.00	0.00	4,261.66
2019	2720966	AF5861020	25400	0000000	0000000	0000000	782,570.47	0.00	0.00	0.00	782,570.47
2019	2720968	AF5861040	25400	0000000	0000000	0000000	1,365,584.43	0.00	0.00	0.00	1,365,584.43
2017	2720970	AF5861060	25400	0000000	0000000	0000000	1,482.46	0.00	0.00	0.00	1,482.46
2016	2720924	AF5865010	25400	0000000	0000000	0000000	2,781.49	0.00	0.00	0.00	2,781.49
2016	2720925	AF5865020	25400	0000000	0000000	0000000	1,211.79	0.00	0.00	0.00	1,211.79
2016	2720959	AF5865040	25400	0000000	0000000	0000000	72,180.96	-72,180.96	0.00	-72,180.96	0.00

Subtotal for Program Parent: C000822, AF5800000

2020	2721031	FT0603000	25400	0000000	0000000	0000000	0.00	7,450.00	0.00	7,450.00	7,450.00
2020	2721032	FT0604000	25400	0000000	0000000	0000000	0.00	224,000.00	0.00	224,000.00	224,000.00

Subtotal for Program Parent: C003294, FT0600000

							0.00	231,450.00	0.00	231,450.00	231,450.00
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Financial Plan Number: 73

U.S. DEPARTMENT OF ENERGY
DOE AFF Local Financial Plan Report

Period Name: MAY-20

PO Number: SR22470

Fund Parent: ALL FUNDS

Fiscal Year: 2020

Reporting Entity:

Allottee: 36

Run Prior AFF Report?: N

Report Run Type: FINAL

Prior Financial Plan Run Code: SR22470-72 (27-APR-2020 14:15:06)

Changes Only?: N

To Date:

Report Output Type: BEARS VERSION

Report Output: TEXT

Report Date: 21-MAY-20 16:09

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Rep Entity	Fund Code	Approp Year	Legacy Program	Legacy B&R	Object Class	Local Use	Project	WFO	Legacy Order Number	OCTADJ1-20 Beginning Uncoated Obs	Previous	Change	Revised	Total Available
410003	05350													
Subtotal for Fund: 05350										2,531,753.15	159,269.04	0.00	159,269.04	2,691,022.19
	05353	2020	6200055	453640230	25400	0000000	0000000	3015458	NSAGRRNH15IA24P00010013	0.00	0.00	472,912.62	472,912.62	472,912.62
		2019	6200055	453640230	25400	0410251	0000000	3014336	NSAGRRNH15IA24P00010006	15,614.77	0.00	0.00	0.00	15,614.77
		2019	6200055	453640230	25400	0410287	0000000	3014912	NSAGRRNH15IA24P00010010	97,087.37	0.00	0.00	0.00	97,087.37
		2018	6200074	453640358	25400	0000000	0000000	3013883	NSAGRRNH15IA24P00010003	7.51	0.00	0.00	0.00	7.51
		2020	6200093	45364036J	25400	0000000	0000000	0411551		0.00	97,326.00	0.00	97,326.00	97,326.00
		2018	6200093	45364036J	25400	0000000	0000000	0411502		25,137.60	0.00	0.00	0.00	25,137.60
Subtotal for Program Parent: C003003, 453600000										137,847.25	97,326.00	472,912.62	570,238.62	708,085.87
Subtotal for Fund: 05353										137,847.25	97,326.00	472,912.62	570,238.62	708,085.87
05450	2019	1009209	ED2701000	25400	0000000	0000000	0000000			2,302,243.00	0.00	0.00	0.00	2,302,243.00
	2019	1009209	ED2701000	25400	0000000	0000000	0000000			1,097,508.22	0.00	0.00	0.00	1,097,508.22
	2019	1009213	ED2802000	25400	0000000	0000000	0000000			488,627.33	0.00	0.00	0.00	488,627.33
Subtotal for Program Parent: C000949, ED0000000										3,888,378.55	0.00	0.00	0.00	3,888,378.55
	2019	1004893	VT0204000	25400	0000000	0000000	0000000			300,000.00	0.00	0.00	0.00	300,000.00
	2012	1005554	VT1201000	25400	0000000	0000000	0000000			1,056.50	0.00	0.00	0.00	1,056.50
	2017	1005556	VT1301000	25400	0000000	0000000	0000000			5,333.12	0.00	0.00	0.00	5,333.12
	2020	1005700	VT1600000	25400	0000000	0000000	0000000			0.00	20,000.00	0.00	20,000.00	20,000.00
Subtotal for Program Parent: C001096, VT0000000										306,389.62	20,000.00	0.00	20,000.00	326,389.62
2017	1004170	BH0101010	25400	0000000	0000000	0000000				2,341.05	0.00	0.00	0.00	2,341.05
Subtotal for Program Parent: C002732, BH0000000										2,341.05	0.00	0.00	0.00	2,341.05
2017	1009190	HT0101000	25400	0000000	0000000	0000000				272,841.45	0.00	0.00	0.00	272,841.45
2020	1009191	HT0201000	25400	0000000	0000000	0000000				0.00	0.00	0.00	0.00	0.00
2019	1009191	HT0201000	25400	0000000	0000000	0000000				170,000.00	0.00	0.00	0.00	170,000.00
2018	1009191	HT0201000	25400	0000000	0000000	0000000				87,557.61	0.00	0.00	0.00	87,557.61
2019	1009192	HT0202000	25400	0000000	0000000	0000000				96,506.24	0.00	0.00	0.00	96,506.24
2006	1009192	HT0202000	25400	0000000	0000000	0000000				89,139.16	0.00	0.00	0.00	89,139.16
2017	1009194	HT0400000	25400	0000000	0000000	0000000				15,221.01	0.00	0.00	0.00	15,221.01
2018	1009195	HT0500000	25400	0000000	0000000	0000000				8,536.66	0.00	0.00	0.00	8,536.66
2017	1009197	HT0700000	25400	0000000	0000000	0000000				5,663.41	0.00	0.00	0.00	5,663.41
2014	1009197	HT0700000	25400	0000000	0000000	0000000				26,794.00	0.00	0.00	0.00	26,794.00
2012	1009197	HT0700000	25400	0000000	0000000	0000000				6,991.38	0.00	0.00	0.00	6,991.38
2018	2223156	HT1100000	25400	0000000	0000000	0000000				103,624.00	0.00	0.00	0.00	103,624.00
2013	2223156	HT1100000	25400	0000000	0000000	0000000				50,000.00	0.00	0.00	0.00	50,000.00
2020	1005705	HT1200000	25400	0000000	0000000	0000000				0.00	147,064.00	0.00	147,064.00	147,064.00
2019	1005705	HT1200000	25400	0000000	0000000	0000000				130,000.00	0.00	0.00	0.00	130,000.00

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Subtotal for Program Parent: C001087, ST0000000										385,462.14	25,000.00	0.00	25,000.00	410,462.14	
Subtotal for Fund: 02300										385,462.14	25,000.00	0.00	25,000.00	410,462.14	
05300	2019	3123789	TE1101000	25400	00000000	00000000	00000000	00000000	00000000	67,176.90	0.00	0.00	0.00	67,176.90	
	2018	3123785	TE1103000	25400	00000000	00000000	00000000	00000000	00000000	91,818.62	0.00	0.00	0.00	91,818.62	
	Subtotal for Program Parent: C002798, TE1100000										158,995.52	0.00	0.00	158,995.52	
05300	2020	3123792	TE1201000	25400	00000000	00000000	00000000	00000000	00000000	0.00	142,021.00	0.00	142,021.00	142,021.00	
	2019	3123810	TE1204000	25400	00000000	00000000	00000000	00000000	00000000	68,210.92	0.00	0.00	0.00	68,210.92	
	2017	3123812	TE1206000	25400	00000000	00000000	00000000	00000000	00000000	21,462.60	-21,462.60	0.00	-21,462.60	0.00	
	Subtotal for Program Parent: C002798, TE1100000										158,995.52	0.00	0.00	158,995.52	
Financial Plan Number: 72										Report Date: 27-APR-20 14:15					
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DOE AFF Local Financial Plan Report										Report Date: 27-APR-20 14:15					
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FO Number: SR22470										Report Date: 27-APR-20 14:15					
Fund Parent: ALL FUNDS										Page: 16 of 18					
Fiscal Year: 2020										Report Date: 27-APR-20 14:15					
Reporting Entity:										Page: 16 of 18					
Allottee:										Report Date: 27-APR-20 14:15					
Run Prior AFF Report?: N										Page: 16 of 18					
Report Run Type: FINAL										Report Date: 27-APR-20 14:15					
Prior Financial Plan Run Code: SR22470-71										Page: 16 of 18					
Changes Only?: N										Report Date: 27-APR-20 14:15					
To Date:										Page: 16 of 18					
Report Output Type: BEARS VERSION										Report Date: 27-APR-20 14:15					
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OCTADJ1-20										Report Date: 27-APR-20 14:15					
Beginning										Page: 16 of 18					
Uncoated Obs										Report Date: 27-APR-20 14:15					
410003	Subtotal for Program Parent: C002799, TE1200000										89,673.52	120,558.40	0.00	120,558.40	210,231.92
	2016	3123803	TE1301000	25400	00000000	00000000	00000000	00000000	00000000	551.07	0.00	0.00	0.00	551.07	
	2016	3123804	TE1302000	25400	00000000	00000000	00000000	00000000	00000000	2,407.08	0.00	0.00	0.00	2,407.08	
410003	Subtotal for Program Parent: C002800, TE1300000										2,958.15	0.00	0.00	2,958.15	0.00
	2016	3123795	TE1400000	25400	00000000	00000000	00000000	00000000	00000000	453.41	-453.41	0.00	-453.41	0.00	
	2020	3123835	TE1401000	25400	00000000	00000000	00000000	00000000	00000000	0.00	107,979.00	0.00	107,979.00	577,979.00	
410003	Subtotal for Program Parent: C002801, TE1400000										453.41	107,979.00	0.00	107,979.00	577,979.00
	2019	3123814	TE1500000	25400	00000000	00000000	00000000	00000000	00000000	96,615.21	0.00	0.00	96,615.21	96,615.21	
Subtotal for Program Parent: C003056, TE1500000										96,615.21	0.00	0.00	96,615.21	0.00	
05350	2018	3123824	TE0101000	25400	00000000	00000000	00000000	00000000	00000000	477,357.58	0.00	0.00	477,357.58	477,357.58	
	2018	3123827	TE0104000	25400	00000000	00000000	00000000	00000000	00000000	60,526.43	0.00	0.00	60,526.43	60,526.43	
	Subtotal for Program Parent: C003224, TE0000000										537,884.01	0.00	0.00	537,884.01	537,884.01
Subtotal for Fund: 05300										886,579.82	228,083.99	470,000.00	698,083.99	1,584,663.81	
05350	2019	2222867	AF5805010	25400	00000000	00000000	00000000	00000000	00000000	175,000.00	0.00	0.00	175,000.00	175,000.00	
	2018	2222867	AF5805010	25400	00000000	00000000	00000000	00000000	00000000	78,999.88	0.00	0.00	78,999.88	78,999.88	
	2019	2720875	AF5832030	25400	00000000	00000000	00000000	00000000	00000000	45,000.00	0.00	0.00	45,000.00	45,000.00	
	2018	2720875	AF5832030	25400	00000000	00000000	00000000	00000000	00000000	2,680.01	0.00	0.00	2,680.01	2,680.01	
	2019	2720865	AF5861010	25400	00000000	00000000	00000000	00000000	00000000	4,261.66	0.00	0.00	4,261.66	4,261.66	
	2019	2720866	AF5861020	25400	00000000	00000000	00000000	00000000	00000000	782,570.47	0.00	0.00	782,570.47	782,570.47	
	2019	2720868	AF5861040	25400	00000000	00000000	00000000	00000000	00000000	1,365,584.43	0.00	0.00	1,365,584.43	1,365,584.43	
	2017	2720970	AF5861060	25400	00000000	00000000	00000000	00000000	00000000	1,482.46	0.00	0.00	1,482.46	1,482.46	
	2016	2720924	AF5865010	25400	00000000	00000000	00000000	00000000	00000000	2,781.49	0.00	0.00	2,781.49	2,781.49	
	2016	2720925	AF5865020	25400	00000000	00000000	00000000	00000000	00000000	1,211.79	0.00	0.00	1,211.79	1,211.79	
Subtotal for Fund: 05300										537,884.01	0.00	0.00	537,884.01	537,884.01	
Subtotal for Program Parent: C003224, TE0000000										886,579.82	228,083.99	470,000.00	698,083.99	1,584,663.81	
05350	2019	2222867	AF5805010	25400	00000000	00000000	00000000	00000000	00000000	175,000.00	0.00	0.00	175,000.00	175,000.00	
	2018	2222867	AF5805010	25400	00000000	00000000	00000000	00000000	00000000	78,999.88	0.00	0.00	78,999.88	78,999.88	
	2019	2720875	AF5832030	25400	00000000	00000000	00000000	00000000	00000000	45,000.00	0.00	0.00	45,000.00	45,000.00	
05353	2018	2720875	AF5832030	25400	00000000	00000000	00000000	00000000	00000000	2,680.01	0.00	0.00	2,680.01	2,680.01	
	2019	2720865	AF5861010	25400	00000000	00000000	00000000	00000000	00000000	4,261.66	0.00	0.00	4,261.66	4,261.66	
	2019	2720866	AF5861020	25400	00000000	00000000	00000000	00000000	00000000	782,570.47	0.00	0.00	782,570.47	782,570.47	
	2019	2720868	AF5861040	25400	00000000	00000000	00000000	00000000	00000000	1,365,584.43	0.00	0.00	1,365,584.43	1,365,584.43	
	2017	2720970	AF5861060	25400	00000000	00000000	00000000	00000000	00000000	1,482.46	0.00	0.00	1,482.46	1,482.46	
	2016	2720924	AF5865010	25400	00000000	00000000	00000000	00000000	00000000	2,781.49	0.00	0.00	2,781.49	2,781.49	
	2016	2720925	AF5865020	25400	00000000	00000000	00000000	00000000	00000000	1,211.79	0.00	0.00	1,211.79	1,211.79	
	2016	2720959	AF5865040	25400	00000000	00000000	00000000	00000000	00000000	72,180.96	-72,180.96	0.00	-72,180.96	0.00	
	Subtotal for Program Parent: C003224, AF5800000										2,531,753.15	-72,180.96	0.00	-72,180.96	2,459,572.19
	2020	2721031	FT0603000	25400	00000000	00000000	00000000	00000000	00000000	0.00	4,200.00	-3,250.00	7,450.00	7,450.00	
2020	2721032	FT0604000	25400	00000000	00000000	00000000	00000000	00000000	0.00	126,000.00	-98,000.00	224,000.00	224,000.00		
Subtotal for Program Parent: C003294, FT0600000										0.00	130,200.00	101,250.00	231,450.00	231,450.00	
Subtotal for Fund: 05350										2,531,753.15	58,019.04	101,250.00	159,269.04	2,691,022.19	
05353	2019	6200055	453640230	25400	0410251	00000000	00000000	3014336	06	15,614.77	0.00	0.00	15,614.77	15,614.77	
	2019	6200055	453640230	25400	0410287	00000000	00000000	3014912	10	97,087.37	0.00	0.00	97,087.37	97,087.37	
	2018	6200074	453640358	25400	00000000	00000000	00000000	3013823	NSAGRNHH15TA24P000100	7.51	0.00	0.00	7.51	7.51	
	Subtotal for Program Parent: C003294, FT0600000										2,531,753.15	15,614.77	0.00	15,614.77	15,614.77