

2. AMENDMENT/MODIFICATION NO. 0588	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY Savannah River Operations Office U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 893037	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
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER REMEDIATION LLC Attn: George Westbury Savannah River Site Building 766-H Aiken SC 29808	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-09SR22505
		10B. DATED (SEE ITEM 13) 12/08/2008
CODE 808376193	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 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)
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 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 Mutual Agreement of the Parties

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.)
See Page 2.

Payment:

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

15A. NAME AND TITLE OF SIGNER (Type or print) Philip J. Breidenbach President and Project Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Charlene Smith, Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 6/16/2020

SF30 Block 14

- A. The purpose of this modification is to definitize Modification No. 571, Paragraph 14B, Items 1 and 2, which authorized Savannah River Remediation, LLC (SRR) to perform a Next Generation Solvent (NGS) Gap Analysis with a recommended path forward and to provide transportation/storage of the test equipment from the Parsons Technology Center to TNX. These tasks are determined to be Phase I of the effort entitled “Implementation of NGS at Salt Waste Processing Facility (SWPF).”
- B. SRR shall continue providing these services through September 30, 2020.
- C. Tank 33 Installation Planning Package – Install A scope is hereby deleted from Section C of the contract.
- D. As a result of the changes described herein, the total estimated Base and Exercised Options Value of the Contract remains unchanged.
- E. The work described in this modification shall be performed using funds obligated under CLIN 0002 in accordance with FAR 52.232-22 Limitation of Funds.
- F. In consideration of the modification agreed to herein as complete equitable adjustments for SRR Proposal No. CAA-CP-2020-003, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to SRR Proposal No. CAA-CP-2020-003.
- G. All other terms and conditions remain unchanged.

2. AMENDMENT/MODIFICATION NO. 0589 3. EFFECTIVE DATE See Block 16C 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 893037 7. ADMINISTERED BY (If other than Item 6) CODE 00901
 Savannah River Operations Office U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER REMEDIATION LLC Attn: George Westbury Savannah River Site Building 766-H Aiken SC 29808
 9A. AMENDMENT OF SOLICITATION NO. (x)
 9B. DATED (SEE ITEM 11)
 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-09SR22505 (x)
 10B. DATED (SEE ITEM 13) 12/08/2008
 CODE 808376193 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 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) 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 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: Clause F.1 FAR 52.242-15 Stop Work Order (AUG 1989) - Alternate I (APR 1984) (x)
 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.) See Page 2. Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.
 15A. NAME AND TITLE OF SIGNER (Type or print) Philip J. Breidenbach President and Project Manager
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cynthia T. Strowbridge
 15B. CONTRACT DIRECTOR (Signature of person authorized to sign) 15C. DATE SIGNED 6/24/2020 16B. UNITED STATES OF AMERICA (Signature of Contracting Officer) 16C. DATE SIGNED 6/24/2020

COVID-19**The purpose of this modification is as follows:**

The partial stop work issued pursuant to FAR 52.242-15, Stop Work Order (Aug 1989) – Alternate 1 (Apr 1984), on March 24, 2020, in letter CMD-20-124, and extended on April 3, 2020, in letter CMD-20-124 Rev. 1, and extended again on May 1, 2020, in letter CMD-20-180, is hereby extended through June 3, 2020, unless the Contracting Officer and the Contractor mutually agree to an earlier date. On May 27, 2020, in letter CMD-20-214, the partial stop work order was extended through Phase 1, High Priority and/or Low Risk Operations/Activities. Consistent with the initial partial stop work order, this extended partial stop work order covers non-portable work activities that cannot be performed in a safe and compliant manner due to COVID-19 pandemic response actions and applicable guidelines. Non-portable work activities are work activities that cannot be performed in a remote manner (e.g., telework from home). You are also directed to extend actions to ensure safe operations along with utilization of telework. In addition, you are authorized to continue implementation of Phase 1 activities identified in your remobilization plan. Separate Contracting Officer direction will be provided for the implementation of other phases described in your plan.

Plans for performing non-portable work shall account for limitations of existing personal protective equipment (PPE), consumables, and the supply chains, in order to sustain necessary Savannah River Site essential functions. Ongoing portable work activities shall be continued on a remote telework basis in accordance with your remobilization plan. All costs associated with this partial stop work order shall be segregated under a unique charge code. This partial stop work order shall flow down to applicable subcontracts impacted by this notice.

In light of the current pandemic, it is essential to maintain stability and resiliency with the contractor workforce to ensure the availability of critical skills, ensure a mobile ready state, and minimize re-mobilization impacts. DOE's intention is to maintain stability in the existing workforce to the extent practicable to ensure a timely and orderly ramp up to full performance capabilities at the conclusion of this partial stop work period.

Pursuant to FAR 42.1303(d), you should promptly discuss this stop work order with DOE, and the Contracting Officer may modify the order, if necessary, in light of the discussions.

Pursuant to FAR 52.242-15, you have 30 days after the end of the extended partial stop work period to assert rights to an equitable adjustment. To that end, DOE may act upon a proposal submitted at any time by the Contractor to mitigate any ongoing impacts caused by the pandemic.

This contract modification does not change any contract terms and conditions.

(End of Modification)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
AMENDMENT/MODIFICATION NO. 590	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
ISSUED BY Savannah River Operations Office J.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 893037	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 REMEDIATION LLC Attn: George Westbury Savannah River Site Building 766-H Aiken SC 29808		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 808376193	FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-09SR22505	10B. DATED (SEE ITEM 13) 12/08/2008

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 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)

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 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) H.5 Key Personnel



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.)

See Page 2.

Payment:

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

15A. NAME AND TITLE OF SIGNER (Type or print) Philip J. Breidenbach President and Project Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cynthia T. Strowbridge
15B. CONTRACTOR OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 7/8/2020
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 7/8/2020

Previous edition unusable

SF30 Block 14

- A. The purpose of this modification is to revise the contract Key Personnel list located in Part III – List of Documents, Exhibits, and Other Attachments, Section J – List of Attachments, Appendix B – Key Personnel as follows:

DELETE: Phillip J. Breidenbach
Waste Determination Manager
Chief Engineer

ADD: Kenneth R. Wells
Waste Determination Manager
Chief Engineer

- B. All other terms and conditions remain unchanged.

2. AMENDMENT/MODIFICATION NO. 0591	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 20EM001711	5. PROJECT NO. (If applicable)
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6. ISSUED BY Savannah River Operations Office U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 893037	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
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER REMEDIATION LLC Attn: George Westbury Savannah River Site Building 766-H Aiken SC 29808	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-09SR22505
		10B. DATED (SEE ITEM 13) 12/08/2008
CODE 808376193	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$525,000.00
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 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) FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)


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.)
See Page 3.
Account code: FS5048050 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225
Object Class 25102 Program 1111170 Project 0001765 WFO 0000000 Local Use 0410253
Quantity: 0 Amount: \$125,000.00 Percent: .00472 Subject To Funding: N Payment Address:

Account code: FS5048050 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225
Object Class 25102 Program 1111170 Project 0001765 WFO 0000000 Local Use 0410256
Quantity: 0 Amount: \$0.00 Percent: 0 Subject To Funding: N Payment Address:

Account code: FS5048050 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225
Object Class 25102 Program 1111170 Project 0001765 WFO 0000000 Local Use 0410252
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) Cynthia T. Strowbridge		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA 	16C. DATE SIGNED 7/9/2020
<i>(Signature of person authorized to sign)</i>		<i>(Signature of Contracting Officer)</i>	

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-09SR22505/0591

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2 3

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER REMEDIATION LLC

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Quantity: 0 Amount: \$0.00 Percent: 0 Subject To Funding: N Payment Address:</p> <p>Account code: FS5048050 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225 Object Class 25102 Program 1111170 Project 0001765 WFO 0000000 Local Use 0410255</p> <p>Quantity: 0 Amount: \$0.00 Percent: 0 Subject To Funding: N Payment Address:</p> <p>Account code: FS5048050 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225 Object Class 25102 Program 1111170 Project 0001765 WFO 0000000 Local Use 0410254</p> <p>Quantity: 0 Amount: \$400,000.00 Percent: .01511 Subject To Funding: N Payment Address:</p> <p>Payment:</p>				

SF30 Block 14

- A. The purpose of this modification is to obligate funds in the amount of \$525,000.00 to the contract.
- B. Funds in the amount of \$525,000.00 are hereby obligated to CLIN 0002, increasing it from \$2,467,830,626.80 to \$2,468,355,626.80. These funds are obligated for the following work scope:

Cyber Security Requirements - \$525,000.00

- C. Paragraph B.4 entitled "Limitation of Funds" is hereby revised to increase the total amount of funds obligated to the contract by \$525,000.00, changing it **FROM:** \$5,653,030,901.01 **TO:** \$5,653,555,901.01. The total obligated amount of \$5,653,555,901.01 is allocated as follows:

CLIN 00001	\$2,765,033,072.42
CLIN 00002	\$2,468,355,626.80
CLIN 00004	\$199,684,830.70
CLIN 00005	\$18,107,750.71
CLIN 00006	\$64,740,068.38
CLIN 00007	\$110,171,662.00
CLIN 00008	\$27,462,890.00

- D. All other terms and conditions remain unchanged.

2. AMENDMENT/MODIFICATION NO. 0592	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See Schedule	5. PROJECT NO. (If applicable)
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6. ISSUED BY Savannah River Operations Office U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 893037	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
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER REMEDIATION LLC Attn: George Westbury Savannah River Site Building 766-H Aiken SC 29808	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-09SR22505
		10B. DATED (SEE ITEM 13) 12/08/2008
CODE 808376193	FACILITY CODE	

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12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule	Net Increase:	\$129,647,706.00
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13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE 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) FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)


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.)
See Page 3.
Account code: EY874814K Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225
Object Class 25102 Program 1111506 Project 0004378 WFO 0000000 Local Use 0000000
Quantity: 0 Amount: \$8,000,000.00 Percent: .30212 Subject To Funding: N Payment Address:

Account code: EY8748141 Fund 01250 Appr Year 2018 Allottee 36 Reporting Entity 410225
Object Class 25102 Program 1111528 Project 0001764 WFO 0000000 Local Use 0000000
Quantity: 0 Amount: \$178.03 Percent: .00001 Subject To Funding: N Payment Address:

Account code: EY8748141 Fund 01250 Appr Year 2017 Allottee 36 Reporting Entity 410225
Object Class 25102 Program 1111528 Project 0001764 WFO 0000000 Local Use 0000000
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) Cynthia T. Strowbridge
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED
	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)
	16C. DATE SIGNED 7/17/2020

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-09SR22505/0592

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2 3

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER REMEDIATION LLC

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Quantity: 0 Amount: \$.01 Percent: 0 Subject To Funding: N Payment Address:</p> <p>Account code: EY8748141 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225 Object Class 25102 Program 111528 Project 0001764 WFO 0000000 Local Use 0000000 Quantity: 0 Amount: \$76,463,409.84 Percent: 2.88764 Subject To Funding: N Payment Address:</p> <p>Account code: EY874814H Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225 Object Class 25102 Program 111503 Project 0004375 WFO 0000000 Local Use 0000000 Quantity: 0 Amount: \$43,000,000.00 Percent: 1.62389 Subject To Funding: N Payment Address:</p> <p>Account code: EY8748141 Fund 01250 Appr Year 2012 Allottee 36 Reporting Entity 410225 Object Class 25102 Program 111528 Project 0001764 WFO 0000000 Local Use 0000000 Quantity: 0 Amount: \$154,118.12 Percent: .00582 Subject To Funding: N Payment Address:</p> <p>Account code: EY874814L Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225 Object Class 25102 Program 111670 Project 0004624 WFO 0000000 Local Use 0000000 Quantity: 0 Amount: \$531,000.00 Percent: .38058 Subject To Funding: N Payment Address:</p> <p>Account code: EY874814M Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225 Object Class 25102 Program 111703 Project 0004655 WFO 0000000 Local Use 0000000 Quantity: 0 Amount: \$1,499,000.00 Percent: 2.67595 Subject To Funding: N Payment Address:</p> <p>Payment:</p>				

SF30 Block 14

- A. The purpose of this modification is to obligate funds in the amount of \$129,647,706.00 to the contract.
- B. Funds in the amount of \$127,617,706.00 are hereby obligated to CLIN 0002, increasing it from \$2,468,355,626.80 to \$2,595,973,332.80.
- C. Funds in the amount of \$531,000.00 are hereby obligated to CLIN 0007, increasing it from \$110,171,662.00 to \$110,702,662.00.
- D. Funds in the amount of \$1,499,000.00 are hereby obligated to CLIN 0008, increasing it from \$27,462,890.00 to \$28,961,890.00.
- E. Paragraph B.4 entitled "Limitation of Funds" is hereby revised to increase the total amount of funds obligated to the contract by \$129,647,706.00, changing it **FROM:** \$5,653,555,901.00 **TO:** \$5,783,203,607.01. The total obligated amount of \$5,783,203,607.01 is allocated as follows:

CLIN 00001	\$2,765,033,072.42
CLIN 00002	\$2,595,973,332.80
CLIN 00004	\$199,684,830.70
CLIN 00005	\$18,107,750.71
CLIN 00006	\$64,740,068.38
CLIN 00007	\$110,702,662.00
CLIN 00008	\$28,961,890.00

- F. All other terms and conditions remain unchanged.

2. AMENDMENT/MODIFICATION NO. 0593	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 20EM001767	5. PROJECT NO. (If applicable)
---------------------------------------	------------------------------------	--	--------------------------------

6. ISSUED BY Savannah River Operations Office U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 893037	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
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER REMEDIATION LLC Attn: George Westbury Savannah River Site Building 766-H Aiken SC 29808	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-09SR22505
		10B. DATED (SEE ITEM 13) 12/08/2008
CODE 808376193	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 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) See Schedule	Net Increase:	\$14,862,972.00
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13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE 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) FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)

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.)
See Page 3.

Account code: 39EY87 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225
Object Class 32001 Program 2925049 Project 0004720 WFO 0000000 Local Use 0410307
Quantity: 0 Amount: \$191,104.00 Percent: .00722 Subject To Funding: N Payment Address:

Account code: 39EY87 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225
Object Class 32001 Program 1111694 Project 0004655 WFO 0000000 Local Use 0000000
Quantity: 0 Amount: \$3,234,110.00 Percent: 5.77339 Subject To Funding: N Payment Address:

Account code: 39EY87 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225
Object Class 32001 Program 1111694 Project 0004655 WFO 0000000 Local Use 0410250
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) Cynthia T. Strowbridge
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
_____ (Signature of person authorized to sign)	 (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED 7/21/2020

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-09SR22505/0593

PAGE OF
2 3

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER REMEDIATION LLC

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Quantity: 0 Amount: \$200,000.00 Percent: .35703 Subject To Funding: N Payment Address: Account code: 39EY87 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225 Object Class 32001 Program 1111672 Project 0004624 WFO 0000000 Local Use 0000000 Quantity: 0 Amount: \$11,237,758.00 Percent: 8.05436 Subject To Funding: N Payment Address: Payment:				

SF30 Block 14

- A. The purpose of this modification is to obligate funds in the amount of \$14,862,972.00 to the contract.
- B. Funds in the amount of \$191,104.00 are hereby obligated to CLIN 0002, increasing it from \$2,595,973,332.80 to \$2,596,164,436.80. These funds are obligated for Salt Disposal Units 10-12 Conceptual Design Efforts.
- C. Funds in the amount of \$11,237,758.00 are hereby obligated to CLIN 0007, increasing it from \$110,702,662.00 to \$121,940,420.00.
- D. Funds in the amount of \$3,434,110.00 are hereby obligated to CLIN 0008, increasing it from \$28,961,890.00 to \$32,396,000.00.
- E. Paragraph B.4 entitled "Limitation of Funds" is hereby revised to increase the total amount of funds obligated to the contract by \$14,862,972.00, changing it **FROM:** \$5,783,203,607.01 **TO:** \$5,798,066,579.01. The total obligated amount of \$5,798,066,579.01 is allocated as follows:

CLIN 00001	\$2,765,033,072.42
CLIN 00002	\$2,596,164,436.80
CLIN 00004	\$199,684,830.70
CLIN 00005	\$18,107,750.71
CLIN 00006	\$64,740,068.38
CLIN 00007	\$121,940,420.00
CLIN 00008	\$32,396,000.00

- F. All other terms and conditions remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 28
2. AMENDMENT/MODIFICATION NO. 0594	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Savannah River Operations Office U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 893037	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 REMEDIATION LLC Attn: George Westbury Savannah River Site Building 766 H Aiken SC 29808		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 808376193 FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-09SR22505	
		10B. DATED (SEE ITEM 13) 12/08/2008	

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 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)

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.

<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 data, 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) H.28 PERFORMANCE EVALUATION AND MEASUREMENT PLAN

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)

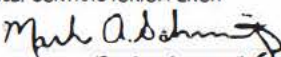
A. The purpose of this modification is to incorporate the attached Performance Evaluation and Measurement Plan Revision 1 for the evaluation period of April 1, 2019, through September 30, 2020.

B. Section J, Appendix O, is revised to add Appendix O.15 - Performance Evaluation and Measurement Plan Revision 1 for Evaluation Period April 1, 2019, through September 30, 2020.

C. All other terms and conditions remain unchanged.

Payment:

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

15A. NAME AND TITLE OF SIGNER (Type or print) Philip J. Breidenbach, President and Project Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cynthia T. Strowbridge
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 7/21/2020
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 7/31/2020

Previous edition unusable



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

**PERFORMANCE EVALUATION AND
MEASUREMENT PLAN**

Revision 1

**Savannah River Remediation LLC
CONTRACT NO. DE-AC09-09SR22505**

**Evaluation period:
April 1, 2019 through September 30, 2020**

Approval Page

Approval: James L. Folk Digitally signed by James L. Folk
Date: 2020.07.07 16:35:39 -04'00'

James L. Folk Date
Contracting Officer's Representative
Assistant Manager for Waste Disposition
DOE - Savannah River Operations Office

Approval: SEE EMAIL, DATED 7-8-2020 7-8-2020

Ralf Wilms, Office of Chief Counsel Date
DOE - Savannah River Operations Office

Approval:  7/7/2020

Angela S. Morton Date
Director, Contracts Management Division
DOE - Savannah River Operations Office

Approval: Samuel A. Stewart Digitally signed by Samuel A. Stewart
Date: 2020.07.07 16:18:28 -04'00'

Samuel A. Stewart Date
Director, Office of Acquisition Management
DOE - Savannah River Operations Office

Approval:  6/30/2020

Cynthia Strowbridge Date
Contracting Officer
DOE - Savannah River Operations Office

Approval: MICHAEL BUDNEY Digitally signed by MICHAEL BUDNEY
Date: 2020.07.09 13:16:36 -04'00' 7/9/2020

Michael D. Budney Date
Fee Determining Official
DOE - Savannah River Operations Office

Revision Summary Page

Rev. #	Rev. Date	Affected Sections/Pages	Description of Revision
0	4/1/2019	All	Initial issue
1	6/18/2020	Attachment A, pages 9 and 10	Incorporated Contract Modification 583 regarding definitization of scope associated with DWPF Recycle Offsite Disposition – Phase I, SDU7, and Tank 3. The Fee Schedule (Attachment A, p.9 & 10) was impacted. Milestone SRR2020MGMT-01.01 was subsequently decreased by \$293.
		Attachment A, pages 9 and 10; Attachment B, pages 11, 13, 15-23, 25-27	<p>Realization of COVID-19 Pandemic risks resulted in modifications to the following Milestones:</p> <ul style="list-style-type: none"> - Milestone SRR2020SWPF-01.02 Completion Criteria (p.16) and Acceptance Criteria (p. 18 & 19) were revised. The change resulted in a decrease of \$330K of fee for this Milestone. Milestone SRR2020MGMT-01.01 (p. 11 & 13) was subsequently increased by \$330K. - Milestone SRR2020SWPF-01.03 Completion Criteria (p.16 & 17) and Acceptance Criteria (p. 19) were revised. The change resulted in a decrease of \$150K of fee for this Milestone. Milestone SRR2020MGMT-01.01 (p. 11 & 13) was subsequently increased by \$150K. - Milestone SRR2020SWPF-01.05 Completion Criteria (p.17) and Acceptance Criteria (p. 19 & 20) were revised. The change resulted in a decrease of \$100K of fee for this Milestone. Milestone SRR2020MGMT-01.01 (p. 11 & 13) was subsequently increased by \$100K. - Milestone SRR2020REG-01.02 Completion Criteria (p.22) and Acceptance Criteria (p. 23) were revised. The change resulted in a decrease of \$50K of fee for this Milestone. Milestone SRR2020MGMT-01.01 (p. 11 & 13) was subsequently increased by \$50K. - Milestone SRR2020INFRA-01.01 Completion Criteria (p.26) and Acceptance Criteria (p. 26 & 27) were revised. The change resulted in a decrease of \$458K of fee for this Milestone. Milestone SRR2020MGMT-01.01 (p. 11 & 13) was subsequently increased by \$458K.

1. Purpose

This document serves as the Performance Evaluation and Measurement Plan (PEMP) identified in Section H.28, *Performance Evaluation and Measurement Plan*, for Contract No. DE-AC09-09SR22505 (Liquid Waste contract) between the U.S. Department of Energy (DOE) and Savannah River Remediation LLC (SRR), approved December 8, 2008. This PEMP identifies the performance incentives for work funded by the base (PBS SR-0014C) funding source for the Liquid Waste program and by the Other Project Cost (PBS SR-0014C) funding source for the Salt Waste Processing Facility (SWPF) Line Item Project.

The PEMP addresses the process for determining earned fee through performance evaluation and measurement, including verifying completion documentation for technical adequacy. The PEMP process ensures evaluation and measurement of performance for accomplishment of the contract Statement of Work, end states and performance requirements. Performance expectations are documented in Performance Incentive Documents (PID) consisting of explicit or implicit performance measures for each evaluation period.

Total available fee is determined according to the contract and is available for payment in accordance with contract Section B, *Supplies or Services and Prices/Cost*, and Section G, *Contract Administration Data*.

2. Key Performance Parameters

Sections of the contract specifically applicable to the PEMP and discussing key aspects of technical approach are Section C, *Statement of Work*; Section H.1, *Programmatic Risks and Uncertainties*; H.12, *Government Furnished Services and Items*; and H.14, *Project Control Systems and Reporting Requirements*.

Incentive strategy is based on:

- Removing sludge waste from liquid radioactive waste tanks to support preparation of sludge batches for feed to the Defense Waste Processing Facility (DWPF).
- Removing salt cake and supernatant from liquid radioactive waste tanks to support preparations of salt batches for feed to the SWPF.
- Operationally closing and isolating old-style liquid radioactive waste tanks and associated facilities.
- Completing integrated liquid waste operation preparation scopes necessary to demonstrate readiness to initiate and sustain SWPF operations.

These tasks are identified in the contract Statement of Work. Management of landlord and custodial services for real and personal property assigned to the Liquid Waste program will also be evaluated. These tasks are identified in the contract and are implicit performance expectations.

Fee distribution amongst the PIDs is based on a combination of analysis of Budgeted Cost of Work Scheduled and scheduled activities considered by DOE management to be key to successful contract execution. Readiness of the Liquid Waste System to support the planned startup of the SWPF and DWPF processing are critical activities.

3. Integrated Project Team & Fee Board

The Assistant Manager for Waste Disposition (AMWD) will lead an Integrated Project Team (IPT) created in accordance with the requirements of DOE O 413.3B, *Program and Project Management for the Acquisition of Capital Assets*. The IPT provides oversight of the Liquid Waste contract and monitors contract performance against performance baselines throughout contract execution, in order to satisfy mission need at Savannah River Site (SRS). The IPT is staffed and/or supported as needed by subject matter experts as well as matrix support personnel who possess specific competencies, skills, and expertise required for successful evaluation of SRR performance.

The Office of Integration and Planning leads the DOE Savannah River Operations Office (DOE-SR) Fee Board. The DOE-SR Fee Board uses a fee schedule (see Attachment A) and PIDs (see Attachment B) for each evaluation period to forecast expected fee expenditure based on scheduled completion dates.

4. The PEMP Process

Performance criteria are developed by federal staff with contractor input. Both federal and contractor parties strive to reach mutual agreement on expected business, operational and technical performance by working together to develop performance objectives, descriptions, associated measures and targets tied to DOE strategic goals associated with the contract Scope of Work. PIDs demonstrate direct flow down of DOE strategic goals and priorities into fee-bearing activities, according to Department of Energy Acquisition Regulation (DEAR) 970.1100-1, *Performance-Based Contracting*, paragraph (c). The PEMP process is illustrated in Savannah River Implementing Procedure (SRIP) 400, Chapter 412.1, *Performance Evaluation and Measurement*, and includes planning, development and preparation of PIDs, PEMP approval and implementation, evaluation period execution, performance assessment, and invoicing.

4.1. Planning

The PEMP planning process is led by the IPT to establish evaluation and measurement of contract performance (see Section 3). Planning results in identification of performance expectations and corresponding completion criteria for fee-bearing activities. Allocation of fee is based upon strategic value to the overall Liquid Waste program.

Although individual PIDs are developed for each evaluation period, the planning process also requires performance expectation and fee allocation planning for the entire contract term based upon contract scope and total available fee. Planning matures with each revision of the *Liquid Waste System Plan*. Due to the dynamic nature of the Liquid Waste program, PEMP planning is an ongoing process.

The planning process uses the following inputs, among others:

- DOE, Office of Environmental Management (EM) and site missions, strategies and execution plans
- EM Budget Planning and Funding Plans and Strategies
- Liquid Waste Program Planning Process, also referred to as the Liquid Waste System Planning Process, which results in a family of documents centered around the *Liquid Waste System Plan*
- Contract Section C, *Statement of Work*
- General Contract End State Requirements (included in Section C)

4.2. Risk Management

DOE uses an integrated risk management process for the Liquid Waste program life cycle baseline. This ensures the Liquid Waste program and its associated technical and programmatic risks are managed under an effective and responsive integrated process. A federal and contractor risk management board provides oversight to the implementation of risk management for the Liquid Waste program.

Liquid Waste program risks and opportunities are periodically assessed, graded, and analyzed, and handling strategies are developed and implemented to minimize risk and maximize opportunity benefit. Analyses of risk impact are used as the basis for developing cost and schedule contingencies. Monitoring strategy implementation and feedback to system planning integrates the risk management and strategic planning processes.

The Liquid Waste program risk management plan is issued after each revision of the *Liquid Waste System Plan*, providing DOE with the necessary input to develop the SRS risk summary and integrated contingency analysis. This plan provides a systematic process for managing, tracking and reporting risks and opportunities for the Liquid Waste program. Detailed plans are also developed that tailor the management, tracking and reporting of risks and opportunities for each sub-element.

4.3. Change Control

Changes to the PEMP and PIDs are subject to the change control process described in SRIP 400, Chapter 412.1, *Performance Evaluation and Measurement*. Proposed changes shall include a description, justification, impacts of non-approval, and proposed fee changes by evaluation period. Changes proposed by SRR will be submitted to the DOE Contracting Officer (CO), who forwards the request to the IPT for review. The IPT makes a recommendation to the CO to either approve the request with or without changes or disapprove the proposal. The contractor is advised that proposed changes should not be submitted in an effort to ease requirements simply due to delays or failures by the contractor to complete work within its control.

All changes require review and concurrence from the Head Contracting Activity office, and are subject to the Business Clearance Review process.

4.4. Reporting

The reporting of performance against PIDs will be integrated with other reporting mechanisms and conducted in accordance with applicable portions of the contract.

COs and program officials shall consistently and accurately document real-time contractor performance and ensure performance is recorded both in detail in the contract file and in the appropriate format in the Contractor Performance Assessment Reporting System (CPARS).

4.5. Performance Assessment and Fee Determination

If DOE terminates the contract before the evaluation period ends, DOE will adopt a fair and equitable approach to a negotiated fee settlement in accordance with Contract Clause I.109 FAR 52.249-6 Termination (Cost-Reimbursement) (May 2004).

The government will determine earned fee through evaluation and measurement of contractor performance against the performance requirements specified in PIDs (see Attachment B) within 90 days of the end of the period of performance being evaluated. The contractor is entitled to earn interest on the unpaid portion of fee starting on the day after the Fee Determining Official (FDO) decision was due in accordance with the Prompt Payment Rules. Interest will be calculated using the U.S Treasury site at : <https://fiscal.treasury.gov/prompt-payment/monthly-interest.html>.

The government will assess contractor work products against the completion criteria and acceptance criteria specified in the performance incentive documents to include reviews of supporting documentation and walk down of physical work in the field. Government assessments are due to the Fee board by the 30th day after the end of the performance period being evaluated. The Fee board shall convene and provide recommendations to the FDO by the 60th day after the end of the performance period being evaluated.

The FDO has sole authority to determine earned fee. The amount of fee awarded for an incentive is based on completing expected performance as scheduled and providing timely and accurate documentation. For all Performance Based Incentives (PBI), the contractor is expected to perform the work in a quality manner, within the overall cost of the Contract Performance Baseline, such that potential rework and waste are minimized. Expected performance completed after the scheduled completion date, but still within the evaluation period, may be eligible for reduced fee based on a unilateral decision by the government. This decision to reduce fee takes into consideration timeliness of performance, quality of the product, resultant documentation of completion, or other factors deemed appropriate by the FDO. Funding associated with any unearned fee will be made available for the performance of contract scope. Note: In accordance with Section H.28 (g) of the contract, “any unearned fee from the award fee made available for each evaluation period, PBI, or other incentive shall not be eligible to be earned under future periods, PBIs, or incentives.”

Fee may be reduced per contract Section B.5, *DEAR 970.5215-3, Conditional Payment of Fee, Profit, and Other Incentives – Facility Management Contracts (ALTERNATE II) (JAN 2004) (DEVIATION)*.

Upon receipt of direction from the FDO, the CO will provide consent to the contractor to submit a fee invoice per Section G.7 (b) of the contract.

Per contract Section H.28, SRR may submit an overall self-evaluation of performance for each evaluation period within 15 days after the end of the performance period being evaluated. The self-evaluation will be given such consideration as the FDO shall find appropriate.

4.6. Invoicing and Fee Payment

Fee will be paid as prescribed in Section B.2. (h) of the contract. Earned fee will be invoiced consistent with Section G of the contract. The invoice will include the PID validation/assessment requests submitted for the evaluation period.

5. Federal Oversight of Contractor Performance

Procedures for oversight of contractor performance are described in Savannah River Manual (SRM) 226.1.1, *Integrated Performance Assurance Manual*. The contractor oversight system is founded

on an integrated safety management system which emulates DOE P 450.4, *Safety Management System Policy*. SRM 226.1.1 describes processes that comprise the contractor oversight system that DOE uses 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 oversight of contractor performance.

In accordance with DOE O 226.1B, SRR also uses independent and self-assessments to determine effectiveness of their assessment of the implementation of contractor assurance systems for environment, safety, and health; safeguards and security; emergency management; cyber security; and business practices systems and their sub-elements. Results from both independent and self-assessments, in addition to external assessments provide insight into areas where improvements in contractor oversight can be made. The end result is a management system that regularly assesses performance, assures comprehensive corrective action, and provides continuous improvement by identifying, correcting and preventing problems that hinder the achievement of site missions.

Attachment A: Fee Schedule

Contract Term	Evaluation Period	Start	Finish	Evaluation Period Fee Allocation	Up to 5% Provisional Fee per Month*
Basic	1	4/15/2010	9/30/2010	\$ 39,171,018.00	\$ 1,958,550.90
	2	10/1/2010	9/30/2011	\$ 31,370,000.00	\$ 1,568,500.00
	3	10/1/2011	9/30/2012	\$ 31,775,347.36	\$ 1,588,767.37
	4	10/1/2012	9/30/2013	\$ 31,370,000.00	\$ 1,568,500.00
	5	10/1/2013	9/30/2014	\$ 28,500,000.00	\$ 1,425,000.00
	Multi-year - Capital Asset (Note 1)	4/17/2014	6/30/2015	\$ 1,500,000.00	N/A
	6	10/1/2014	6/30/2015	\$ 22,140,000.00	\$ 1,476,000.00 (Note 2)
	Total, Basic				\$ 185,826,365.36
Option 1	7	7/1/2015	9/30/2015	\$ 6,527,000.00	\$ 1,305,400.00 (Note 3)
	Multi-year - Capital Asset (Note 1)	7/1/2015	6/30/2017	\$ 3,500,000.00	N/A
	8	10/1/2015	9/30/2016	\$ 24,600,000.00	\$ 1,230,000.00
	9	10/1/2016	6/30/2017	\$ 15,072,958.93	\$ 1,004,863.93 (Note 4)
	Total, Option 1				\$ 49,699,958.93 (Note 5)
Contract Extension	10	7/1/2017	12/31/2017	\$ 12,441,127.00 (Note 6)	\$ 1,244,112.70 (Note 7)
Contract Modification for Period Jan 2018 - May 2018	11	1/1/2018	5/31/2018	\$ 13,178,678.00 (Note 8)	\$ 1,581,441.36 (Note 9)
Contract Modification for Period June 2018 - Mar 2019	12	6/1/2018	3/31/2019	\$ 30,257,137.00 (Note 10)	\$ 1,815,428.22 (Note 11)
Contract Modification for Period April 2019 -Sep 2020	13	4/1/2019	9/30/2020	\$ 65,084,322.00 (Note 12)	\$ 3,254,216.10 (Note 13)
Total				\$ 356,487,588.29	

* With the exception of Evaluation Period 13, the provisional fee is based upon 5% of the Fee Allocation for a comparable annual amount and not to exceed 60% of total available fee on an annual basis.

Note 1: The Capital Asset Project (CAP) PEMP Addendum No. 1 includes a PID for duration of the Saltstone Disposal Unit (SDU) 6 Project that extends beyond the current Base and Option 1 Periods (until 11/30/2018) and has Activity Based Milestones totaling \$5.0M.

Note 2: Evaluation Period 6 is a nine month period. Therefore, for this period the Provisional Fee is calculated as follows:

$$\text{Provisional Fee per Month} = (\$22,140,000 \times 0.60)/(9) = \$1,476,000 \text{ per month}$$

Note 3: Evaluation Period 7 is a three month period. Therefore, for this period the Provisional Fee is calculated as follows:

$$\text{Provisional Fee per Month} = (\$6,527,000 \times 0.60)/(3) = \$1,305,400 \text{ per month}$$

Note 4: Evaluation Period 9 is a nine month period. Therefore, for this period the Provisional Fee is calculated as follows:

$$\text{Provisional Fee per Month} = ((\$15,072,958.93 \times 0.60))/(9) = \$ 1,004,863.93 \text{ per month}$$

Note 5: Option 1 Fee Allocation of \$49,699,958.93 aligns with Total Available Award Fee as reflected in Mod 431.

Note 6: Contract Extension Fee Allocation for Evaluation Period 10 of \$12,441,127 aligns with Total Available Award Fee as reflected in Mod 440.

Note 7: Evaluation Period 10 is a six month period. The contractor may request monthly provisional fee payments up to \$1,244,112.70 per month, calculated as follows:

$$\text{Provisional Fee per Month} = ((\$12,441,127 \times 0.60))/(6) = \$ 1,244,112.70 \text{ per month}$$

Note 8: Fee Allocation for Evaluation Period 11 of \$13,178,678 aligns with Total Available Award Fee as reflected in Contract Mod for Period covering January 1, 2018 through May 31, 2018.

Note 9: Evaluation Period 11 is a five month period. The contractor may request monthly provisional fee payments up to \$1,581,441.36 per month, calculated as follows:

$$\text{Provisional Fee per Month} = ((\$13,178,678 \times 0.60))/(5) = \$1,581,441.36 \text{ per month}$$

Note 10: Fee Allocation for Evaluation Period 12 of \$30,257,137 aligns with Total Available Award Fee as reflected in Contract Mod for Period covering June 1, 2018 through March 31, 2019.

Note 11: Evaluation Period 12 is a ten month period. The contractor may request monthly provisional fee payments up to \$1,815,428.22 per month, calculated as follows:

$$\text{Provisional Fee per Month} = ((\$30,257,137 \times 0.60))/(10) = \$1,815,428.22 \text{ per month}$$

Note 12: Fee Allocation for Evaluation Period 13 of \$65,055,712 aligns with Total Available Award Fee as reflected in Contract Mod 546 for Period covering April 1, 2019 through September 30, 2020 plus an additional \$28,903 of Fee for Contract Mod 551 (Support of the Defense Waste Processing Facility (DWPF) Recycle Wastewater Environmental Assessment) less \$293 of Fee for Contract Mod 583 (Net decrease due to definitization of scope associated with DWPF Recycle Offsite Disposition – Phase I, SDU7, and Tank 3) for a total fee value of \$65,084,322.

Note 13: Evaluation Period 13 is an eighteen-month period. Based upon the fee allocation reflected in Contract Mods 546, 551 and 583 (Note 12 above) and in accordance with Mod 538, which modified Contract Clause Section B.2(h), the Contractor may request monthly provisional fee payments of up to 5% of the total fee otherwise available for the evaluation period (not to exceed 90% of the total available fee for the evaluation period), namely, \$3,254,216.10 per month, calculated as follows:

$$\text{Provisional Fee per Month} = ((\$65,084,322 \times 0.90))/(18) = \$3,254,216.10 \text{ per month}$$

Attachment B: Performance Incentive Documents



Performance Incentive Document

PBI Number:	SRR2020MGMT
Activity Name:	Program Management
Work Breakdown Structure (WBS) Number:	01.90.04
Performance Period:	April 1, 2019 – September 30, 2020
Allocated Fee: Base Fee Pool	\$10,233,419
Revision Number:	0
Senior level manager name: Jim Folk, AMWD	
Senior Level Supervisor/Division Manager Name: Jim Folk, AMWD	
Performance Requirement:	
Contract Sections – All Provide quality-driven program management as outlined in the contract, optimize Liquid Waste system performance, and perform approved scope at or below cost.	
Contract Output: SRR2020MGMT-01 The Contractor shall provide safe, timely, and cost-effective management and execution of the Liquid Waste program. Performance areas evaluated cover all aspects of successful contract execution, with special emphasis on the safe, timely, and cost-effective management and execution of Contract Section C, <i>Scope of Work</i> , optimizing Liquid Waste system performance, (e.g., support to the timely execution of the SWPF Project throughout startup and sustained radioactive operations, accelerating tank closures and maximizing waste throughput at the DWPF while ensuring sufficient tank space for continued long term operations). Contractor shall be evaluated on efficiency and effectiveness of contract execution; anticipation, identification, and avoidance of problems that could adversely impact contract execution; innovation and timeliness in resolution of issues impacting contract execution; responsiveness to DOE customer needs; and effective contractor human resources management. Customer service is an implicit performance expectation. Special focus areas of this performance period will be 1) the effectiveness of the contractor’s cost controls, 2) the effectiveness of the contractor's maintenance program, 3) effectiveness of the contractor’s emergency preparedness program, and 4) effectiveness of contractor’s human	

resources management. Also, the Contractor shall continue to manage the DOE-approved Contractor Assurance System (CAS) as defined by DOE Order 226.1B, Implementation of Department of Energy Oversight Policy, which demonstrates program effectiveness of the CAS that includes: (1) A method for validating the effectiveness of assurance system processes; (2) Rigorous, risk-informed, and credible self-assessment and feedback and improvement activities; (3) A structured issues management system that is formally described and documented; (4) Timely and appropriate communication (5) Continuous feedback and improvement, including worker feedback mechanisms; and (6) Metrics and targets to assess the effectiveness of performance.

Performance will be evaluated on the effectiveness of the CAS. The analysis will consider the contractor's ability to self-identify emerging and legacy issues rather than having significant issues identified by DOE-SR or by external organizations as well as the Contractor's implementation of timely and effective corrective actions. DOE-SR will rely on objective and subjective evaluations of the Contractor's performance which include, but are not limited to the following:

- Requirements flow down and procedure adequacy - Programs are established to ensure applicable requirements are accurately reflected in procedures and work processes;
- Assessment Program - Rigorous, risk-informed, and credible self and Quality Assurance (QA) assessments and feedback activities are conducted to identify issues and improvement opportunities. This includes Parent Company/Corporate Board involvement;
- Performance Measures - Metrics are effectively used to provide an accurate picture of current performance against goals;
- Trend Program - Deficiencies and metrics are analyzed to support identification of performance trends. Reports are provided to management with sufficient technical basis to allow informed decisions that support correction of negative performance/compliance trends before they become significant issues;
- Cause Analysis and Corrective Action - Performance gaps are identified and analyzed commensurate with their significance. Corrective actions are timely prioritized by importance, and appropriately targeted;
- Lessons Learned - Lessons Learned experiences and good practices are incorporated into the overall work process and used to inform the organizations of adverse work practices or experiences; and
- Employee Engagement - Programs are established to promote feedback and improvement and ownership at the worker level.

SRR should continue implementation of actions addressing recent Technical Safety Requirements (TSR) violations to include identifying the root cause(s) and associated contributing cause(s) utilizing SRR's Contractor Assurance Program requirements. These

efforts should be completed in a timely manner and result in a set of corrective actions that will correct and minimize/prevent recurrence. SRR should continue to monitor Disciplined Operations Performance using Key Performance Indicators and other tracking tools. As one of the key actions, SRR should maintain the interim Enhanced Continuing Training program plan that includes classroom, scenario and simulator-based training with an emphasis on Conduct of Operations (ConOps)/TSR execution.

The contractor’s performance will be evaluated routinely throughout the period to provide feedback in cross-cutting areas, such as safety, efficient use of trained and qualified human capital, quality, continuous improvement, cost effectiveness, timeliness of deliverables, compliance with contract, etc. The Contractor will work collaboratively with the Savannah River (SR) Management and Operating contractor, the SWPF Project contractor, and other site contractors as specified in Section J, Appendix N of the contract.

Government Furnished Services and Items (GFS/I):

The target dates and completion dates for the following milestones are based on availability of the funds to execute Contract Mod 538. Further, the target dates and completion dates are based on SRS Site Infrastructure Services provided per SRR-approved schedules (e.g., steam, site access, etc.). Any change in the schedule for funds availability or SRS Site Services, including interruption caused by Continuing Resolution or other action, may result in renegotiation/revision to impacted milestones. In addition, the target dates and completion dates for the milestones are based on timely performance of scope by Savannah River National Laboratory (SRNL) related to the milestones.

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2020MGMT-01.01	9/30/2020	\$ 10,233.419K	Performance will be evaluated for the period April 1, 2019 – September 30, 2020. Performance areas evaluated cover all aspects of Contract Output described above. The evaluation will use the adjectival rating and associated description shown in the table below.
Acceptance Criteria:			
SRR2020MGMT-01.01	Contractor will be subjectively measured against all aspects of Contract Output described in the PEMP.		

Award Fee Adjectival Rating (applies to SRR2020MGMT-01.01 only)

Award-Fee Adjectival Rating	Award-Fee Pool Available To Be Earned	Description
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 in the aggregate 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 in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Good	51%-75%	Contractor has exceeded some of the significant award-fee criteria and has met overall cost, schedule and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Satisfactory	No Greater Than 50%	Contractor has met overall cost, schedule and technical performance requirements of the contract in the aggregate 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 in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.



Performance Incentive Document

PBI Number:	SRR2020SWPF
Activity Name:	AMWD, SWPF Line Item Support
WBS Number:	01.90.03.21.01
Performance Period:	April 1, 2019 – September 30, 2020
Allocated Fee:	\$40,608,903
Revision Number:	0
Senior Level Manager Name: Jim Folk, AMWD and Pamela Marks, SWPF Federal Project Director (FPD)	
Senior Level Supervisor/Division Manager Name: Jim Folk, AMWD	
Performance Requirement:	
Contract Sections - Contract Section C – Statement of Work, C.1.3.4 Salt Waste Processing Facility Interface and Coordination	
Contract Output: SRR2020SWPF-01 Contractor support to the timely execution of the SWPF Project throughout its design, construction, startup and radioactive operations is essential to the successful commissioning and operation of high capacity salt processing.	
GFS/I: The target dates and completion dates for the following milestones are based on availability of the funds to execute Contract Mod 538. Further, the target dates and completion dates are based on SRS Site Infrastructure Services provided per SRR-approved schedules (e.g., steam, site access, etc.). Any change in the schedule for funds availability or SRS Site Services, including interruption caused by Continuing Resolution or other action may result in renegotiation/revision to impacted milestones. In addition, the target dates and completion dates for the milestones are based on timely performance of scope by SRNL and DOE approval of Safety Basis Documents related to the milestones.	

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2020SWPF-01.01	1/17/2020	\$ 18,000K	<p>COMPLETE INTEGRATED LIQUID WASTE (LW) OPERATIONS PREPARATION SCOPES NECESSARY TO DEMONSTRATE READINESS TO INITIATE SALT WASTE PROCESSING FACILITY (SWPF) OPERATIONS</p> <p>Perform defined SWPF Integration work scope within the LW operational facilities necessary to support SWPF operational readiness. Key scope includes, but is not limited to, field execution activities including final tie-ins between SWPF and existing Liquid Waste operational facilities; operational activities (e.g., facility modifications, safety basis updates, training and procedures); and readiness assessments.</p> <p>(Maximum available fee is \$18,000K)</p>
SRR2020SWPF-01.02	9/30/2020	\$ 5,720K	<p>COMPLETE SALT BATCH PREPARATION AND QUALIFICATION TO SUPPORT SUFFICIENT SALT FEED FOR SWPF OPERATIONS AS PLANNED</p> <p>Complete salt batch preparation essential to the overall throughput of the Liquid Waste System ensuring feed is available to support SWPF initial and sustained operations</p> <p>(Maximum available fee is \$5,720K)</p>
SRR2020SWPF-01.03	9/30/2020	\$ 2,350K	<p>COMPLETE SLUDGE BATCH PREPARATION AND QUALIFICATION TO SUPPORT SUFFICIENT SLUDGE FEED FOR DWPF TO SUPPORT SWPF OPERATIONS AS PLANNED</p> <p>Complete sludge batch preparation essential to the overall throughput of the Liquid Waste System ensuring feed is available to support SWPF initial and sustained operations</p> <p>(Maximum available fee is \$2,350K)</p>

<p>SRR2020SWPF-01.04</p>	<p>9/30/2020</p>	<p>\$ 1,450K</p>	<p>COMPLETE ACTINIDE REMOVAL PROCESS (ARP)/MODULAR CAUSTIC SIDE SOLVENT EXTRACTION (MCU) OPERATIONS AND PLACE FACILITIES IN SUSPENDED OPERATIONS Perform ARP/MCU operations until SWPF Tie-in, perform process flushes at ARP and MCU, and perform all necessary activities required to place the facilities in suspended operations. (Maximum available fee is \$1,450K)</p>
<p>SRR2020SWPF-01.05</p>	<p>9/30/2020</p>	<p>\$6,688.903K</p>	<p>COMPLETE DWPF AND SALTSTONE MODIFICATIONS TO SUPPORT SWPF SUSTAINED OPERATIONS AS PLANNED Perform key DWPF and Saltstone Processing Facility (SPF) modifications supporting processing at future planned rates and increased radiological concentrations. Perform canister storage initiatives necessary to sustain planned canister production. (Maximum available fee is \$6,688.903K)</p>
<p>SRR2020SWPF-01.06</p>	<p>9/30/2020</p>	<p>\$ 6,400K</p>	<p>COMPLETE SALTSTONE DISPOSAL UNIT (SDU) 7, 8 & 9 CRITICAL PATH ACTIVITIES SUPPORTING SWPF OPERATIONS AS PLANNED Perform SDU 7 construction critical path activities necessary to support the current operational need date of Fiscal Year (FY) 2021 and SDU 8 & 9 construction critical path activities necessary to support the current operational need date of FY2023 for SDU 8 and FY2024 for SDU 9. (Maximum available fee is \$6,400K)</p>

Acceptance Criteria	
SRR2020SWPF-01.01	<p>Complete required activities for the Tank Farm to be ready for initial transfers of Raw Salt Solution (RSS) feed to SWPF and to receive Decontaminated Salt Solution (DSS) from SWPF to Tank 50. (Fee: \$10,000K)</p> <p>Complete required activities for DWPF to be ready for initial transfers of the highly radioactive Strip Effluent (SE) and Monosodium Titanate (MST) product streams from SWPF and for the SPF to be ready to receive DSS from Tank 50. (Fee: \$8,000K)</p> <p>Verification by review of, as applicable for the task, photographic evidence of completion, completed Operations Acceptance Checklists, Asset Suite listing of work packages (tasks) set to "finished" or "complete", completed specifications, completed contract award documents, completed procedures, SRR approved technical reports, and/or screen shot of designs approved, issued and available in Engineering, Plant and Facilities Management (EPM).</p> <p>Upon completion of all items, and in lieu of individual item validation documentation, a formal transmittal letter from the SRR Chief Operating Officer / Deputy Project Manager (SRR Startup Authority) to the DOE Assistant Manager for Waste Disposition declaring Authorization to Startup to support SWPF Operations.</p> <p>(Maximum available fee is \$18,000K)</p>
SRR2020SWPF-01.02	<p>Complete the compilation and qualification of SWPF Salt Batch #1 in Tank 49 to support the Hot Commissioning of SWPF. (Fee: \$500K)</p> <p>Perform the required activities to maintain sufficient salt feed to sustain SWPF operations as planned. Key activities include: completion of the compilation, sampling and qualification of SWPF Salt Batch #2 in Tank 21*; installation of required equipment to perform Tank 41 salt removal to a level to support its subsequent use as an SWPF salt feed blend tank; performance of salt dissolution and ensure sufficient salt solution is available and transfer procedures are approved for compilation of SWPF Salt Batch #3 in Tank 41*; Tank 3 salt dissolution campaigns into Tank 7; preparations for Tank 27 salt dissolution; Tanks 31 and 44 salt dissolution design activities; and Tank 42 Blend Pump design and startup testing activities; and fabrication of 241-16H Evaporator passthrough jumper to provide transfer path from Tanks 41 and 42 to Tank 49. (Fee: \$5,220K)</p> <p>* Blend and hub tanks may be variable depending on timing and tank space availability.</p> <p>Verification by review of, as applicable for the task, photographic evidence of completion, completed Operations Acceptance Checklists, Asset Suite listing of work packages (tasks) set to "finished" or "complete", completed specifications, completed contract award documents, completed procedures, SRR approved technical reports, and/or screen shot of designs approved, issued and available in EPM.</p> <p>Upon completion of all items, and in lieu of individual item validation documentation, a summary completion document for scope performed may be generated and transmitted from SRR to DOE-SR.</p> <p>(Maximum available fee is \$5,720K)</p>

<p>SRR2020SWPF-01.03</p>	<p>Perform the following activities to ensure Sludge Feed is available to support SWPF Operations at planned rates (Fee: \$2,350K):</p> <ul style="list-style-type: none"> - Complete Tank 26 Commercial Submersible Mixing Pump (CSMP) operational campaigns sufficient to compile Sludge Batch 10 in Tank 51 - Upon completion of compilation, perform qualification sampling and initiate sludge washing campaigns of Sludge Batch 10 - Operate the 241-25H (aka 3H) Evaporator to create necessary tank space to perform sludge washing campaigns supporting Sludge Batch 10 and planned H-Canyon waste receipts - To support future sludge batches post Sludge Batch 10 initiate and make progress on the installation of key Tank 35 sludge preparation designs <p>Verification by review of, as applicable for the task, photographic evidence of completion, completed Operations Acceptance Checklists, Asset Suite listing of work packages (tasks) set to "finished" or "complete", completed specifications, completed contract award documents, completed procedures, SRR approved technical reports, and/or screen shot of designs approved, issued and available in EPFM.</p> <p>Upon completion of all items, and in lieu of individual item validation documentation, a summary completion document for scope performed may be generated and transmitted from SRR to DOE-SR.</p> <p>(Maximum available fee is \$2,350K)</p>
<p>SRR2020SWPF-01.04</p>	<p>Perform ARP/MCU operations until SWPF Tie-in (Fee: \$100K)</p> <p>Perform process flushes at ARP and MCU and place facilities in suspended operations (Fee: \$1,350K)</p> <p>Verification by review of, as applicable for the task, Tank Farm operations morning reports, photographic evidence of completion, completed Operations Acceptance Checklists, Asset Suite listing of work packages (tasks) set to "finished" or "complete", completed specifications, completed contract award documents, completed procedures, SRR approved technical reports, and/or screen shot of designs approved, issued and available in EPFM.</p> <p>Upon completion of all items, and in lieu of individual item validation documentation, a summary completion document for scope performed may be generated and transmitted from SRR to DOE-SR.</p> <p>(Maximum available fee is \$1,450K)</p>
<p>SRR2020SWPF-01.05</p>	<p>Complete the following key SPF modifications supporting future planned SWPF processing rates (Fee: \$1,300K):</p> <ul style="list-style-type: none"> - Dry Feeds Silo air piping modifications and knife gates installation - Dismantlement and Removal (D&R) of old process air compressors and installation of new process air compressors - Place Salt Solution Receipt Tank (SSRT) #2 in service <p>Perform the following key DWPF modifications supporting future planned SWPF processing rates at increased radiological concentrations (Fee: \$3,050K):</p> <ul style="list-style-type: none"> - Waste Handling Modifications per Design Change Packages (DCP) 1-4 - Revision to the Slurry Mix Evaporator (SME) Gas Chromatograph (GC) operating requirements - Modify requirements to use GCs only for Sludge Receipt and Adjustment Tank (SRAT) formic acid over-add

	<ul style="list-style-type: none"> - Development and receipt of new frit - Initiate and make progress on the Glycolic tank and system and glycolate destruction non-intrusive modifications - Interim Glycolic Safety Basis changes for Saltstone, DWPF, and Concentrate, Storage and Transfer Facility (CSTF) facilities - LPPP-Recycle Pump Tank (RPT) sump interlock (J-DCP-S-18005) - LPPP Sludge Pump Tank (SPT) sump interlock (J-DCP-S-18003) <p>Complete the following canister storage initiatives (Fee: \$2,310K):</p> <ul style="list-style-type: none"> - Phase VI Melter Canister Storage Initiatives - Glass Waste Storage Building (GWSB) 2 Canister Double-stacking Feasibility Study <p>Complete the following initiatives in support of the DWPF Recycle Wastewater Environmental Assessment* (Fee: \$28.903K)</p> <ul style="list-style-type: none"> - Characterize Tank 22H Recycle Wastewater - Develop High-Level Conceptual Design for Tank 22H Recycle Retrieval, On-Site Stabilization, and Packaging/Payloading - Prepare Cost Estimate for Recycle Wastewater Project Planning and Execution <p>* These deliverables are associated with meeting Contract Mod 0551</p> <p>Verification by review of, as applicable for the task, photographic evidence of completion, completed Operations Acceptance Checklists, Asset Suite listing of work packages (tasks) set to "finished" or "complete", completed specifications, completed contract award documents, completed procedures, SRR approved technical reports, and/or screen shot of designs approved, issued and available in EPFM.</p> <p>Upon completion of all items, and in lieu of individual item validation documentation, a summary completion document for scope performed may be generated and transmitted from SRR to DOE-SR.</p> <p>(Maximum available fee is \$6,688.903K)</p>
<p>SRR2020SWPF-01.06</p>	<p>Tank Top Ready for Balance of Plant (BOP) Activities at SDU 7 Verification by review of, as applicable for the task, completed inspection records, work packages, and/or subcontract completion documentation. (Fee: \$4,400K)</p> <p>Complete Lower Mud Mat at SDU 9 Verification by review of, as applicable for the task, completed inspection records, work packages, and/or subcontract completion documentation. (Fee: \$2,000K)</p> <p>(Maximum available fee is \$6,400K)</p>



Performance Incentive Document

PBI Number:	SRR2020REG
Activity Name:	AMWD, Waste Removal & Tank Closure, Sludge and Salt Batch Preparation/Processing Support, ARP/MCU operations, Tank 48 Treatment, Waste Treatment: DWPF, Saltstone, SWPF Line Item Support
WBS Number:	01.90.01, 01.90.02, 01.90.03, 01.90.04
Performance Period:	April 1, 2019 – Sept 30, 2020
Allocated Fee:	\$8,700,000
Revision Number:	0
Senior Level Manager Name: Jim Folk, AMWD	
Senior Level Supervisor/Division Manager Name: Jim Folk, AMWD	
Performance Requirement: Contract Sections: Contract Section C – Statement of Work, <i>C.2.1 Waste Determinations</i>	
Contract Output: SRR2020REG-01 Identify, develop and implement improved, supplemental, or replacement processes, approaches and technologies for tank closure, waste removal, waste treatment, and/or waste disposal which reduce lifecycle Liquid Waste program costs, accelerate radioactive liquid waste disposition schedules, or otherwise optimize system performance, provided such processes, approaches and technologies comply with Section C.2.1, including all its subparts.	
GFS/I: The target dates and completion dates for the following milestones are based on availability of the funds to execute Contract Mod 538. Further, the target dates and completion dates are based on SRS Site Infrastructure Services provided per SRR-approved schedules (e.g., steam, site access, etc.). Any change in the schedule for funds availability or SRS Site Services, including interruption caused by Continuing Resolution or other action may result in renegotiation/revision to impacted milestones. In addition, the target dates and completion dates for the milestones are based on timely performance of scope by SRNL and DOE approval of Safety Basis Documents related to the milestones.	

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2020REG-01.01	11/30/2019	\$ 2,000K	<p>Develop Regulatory Requirements and Process Documentation That Advance Tank 10 Cleaning Initiatives to Meet Regulatory Commitments and in Support of Future Tank Closure</p> <p>Complete key activities at Tank 10 and prepare associated documentation that support waste removal, waste processing and tank closure regulatory milestones.</p> <p>(Maximum available fee is \$2,000K)</p>
SRR2020REG-01.02	9/30/2020	\$ 1,950K	<p>Develop Regulatory Requirements and Process Documentation That Advance Tank 9 Cleaning Initiatives to Meet Regulatory Commitments and in Support of Future Tank Closure</p> <p>Complete key activities at Tank 9 and prepare associated documentation that support waste removal, waste processing and tank closure regulatory milestones.</p> <p>(Maximum available fee is \$1,950K)</p>
SRR2020REG-01.03	9/30/2020	\$ 4,750K	<p>Develop Regulatory Requirements and Process Documentation Advancing Priority End-State Initiatives</p> <p>Complete key regulatory and planning scope and documentation enabling the timely operational closure of waste tanks and ancillary structures, and the continued disposal of salt waste consistent with existing regulatory commitments, agreements and expectations.</p> <p>(Maximum available fee is \$4,750K)</p>

Acceptance Criteria

<p>SRR2020REG-01.01</p>	<p>Process salt solution from Tank 10 through the Tank Closure Cesium Removal Demonstration Unit (TCCR). Once the saltcake can no longer be efficiently removed using the currently deployed technology, develop the supporting evidence, socialize and seek regulatory approval that the Federal Facility agreement (FFA) milestone to complete Bulk Waste Removal Efforts (BWRE) on Tank 10 is satisfied, OR, if the decision is made that BWRE is not complete in Tank 10, the technical basis and justification will be provided to DOE in support of their request for extension of the FFA milestone. In addition, issue an SRR-approved TCCR Evaluation by 9/30/2019 that is developed to satisfy the Salt Waste Dispute Resolution Agreement milestone and includes technical feasibility and economic efficiency information related to operational experience with TCCR Unit 1 Batches 1 and 2 for consideration of future TCCR usage.</p> <p>Verification by review of, as applicable for the task, SRR-approved documents and reports that support these varied tasks to ensure appropriate coordination and responsiveness, timeliness of activities, and quality and completeness of the work products.</p> <p>(Maximum available fee is \$2,000K)</p>
<p>SRR2020REG-01.02</p>	<p>Make progress on the implementation of the physical modifications and develop Engineering documentation required to add liquid to Tank 9 for the express purpose of saltcake dissolution and add initial volume of liquid to Tank 9 to begin waste removal activities. Initiate implementation of design activities that will lead to the processing of Tank 9 dissolved salt solution through the TCCR unit via Tank 10.</p> <p>Verification by review of, as applicable for the task, SRR-approved documents and reports that support these varied tasks to ensure appropriate coordination and responsiveness, timeliness of activities, and quality and completeness of the work products.</p> <p>(Maximum available fee is \$1,950K)</p>
<p>SRR2020REG-01.03</p>	<p>Complete and issue, or advance development of, as applicable, a F-Tank Farm Deactivation Plan; Saltstone Disposal Unit 4 Interim Closure Strategy; F-Area Diversion Boxes 5 and 6 closure documents; 2019 Saltstone Disposal Facility Performance Assessment and strategy; inputs and initial assumption bases for revisions to the F-Tank Farm and H-Tank Farm Performance Assessments; applied research activities addressing key uncertainties and Nuclear Regulatory Commission (NRC) Monitoring Factors for the three Liquid Waste Performance Assessments; Force Majeure notifications and reports incorporating the SWPF startup and operation; and Systems Engineering Evaluation Alternatives Analysis report regarding alternate disposition paths for DWPF recycle – all to support Liquid Waste End State Initiatives.</p> <p>Verification by review of, as applicable for the task, SRR-approved documents and reports that support these varied tasks to ensure appropriate coordination and responsiveness, timeliness of activities, and quality and completeness of the work products.</p> <p>(Maximum available fee is \$4,750K)</p>



Performance Incentive Document

PBI Number:	SRR2020INFRA
Activity Name:	AMWD, Waste Removal & Tank Closure, Sludge and Salt Batch Preparation/Processing Support, ARP/MCU operations, Tank 48 Treatment, Waste Treatment: DWPF, Saltstone, SWPF Line Item Support
WBS Number:	01.90.01, 01.90.02, 01.90.03, 01.90.04
Performance Period:	April 1, 2019 – Sept 30, 2020
Allocated Fee:	\$5,542,000
Revision Number:	0
Senior Level Manager Name: Jim Folk, AMWD	
Senior Level Supervisor/Division Manager Name: Jim Folk, AMWD	
Performance Requirement: Section C, Statement of Work, Contract Sections: <i>C.1 – Liquid Waste Stabilization and Disposition</i> <i>C.2.2 Environment, Safety, and Health (ES&H) Support and Assurance</i> <i>C.2.3 Development and Maintenance of Safety Documentation</i> <i>C.2.4 Engineering Services</i> <i>C.2.5 Operations Support</i> <i>C.2.6 Planning, Administration and Business Services</i>	
Contract Output: SRR2020INFRA-01 Perform essential upgrades to the utilities, control systems, procurement of essential critical spares, system health upgrades and system enhancements to ensure reliability and sustainment of Liquid Waste processing and support of Tank Farms, DWPF, SWPF and Saltstone processing at desired throughput and attainment.	
GFS/I: The target dates and completion dates for the following milestones are based on availability of the funds to execute Contract Mod 538. Further, the target dates and completion dates are based on SRS Site Infrastructure Services provided per SRR-approved schedules (e.g., steam, site access, etc.). Any change in the schedule for funds availability or SRS Site Services, including interruption caused by Continuing Resolution or other action may result in renegotiation/revision to impacted milestones. In addition, the target dates and completion dates for the milestones are based on timely performance of scope by SRNL and DOE approval of Safety Basis Documents related to the milestones.	

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2020INFRA-01.01	9/30/2020	\$ 5,542K	<p>PERFORM KEY INFRASTRUCTURE AND CRITICAL SPARE PROCUREMENT SCOPE FOR LONG TERM RELIABLE OPERATIONS AT DWPF, SPF AND THE TANK FARMS TO SUPPORT SWPF SUSTAINED OPERATIONS AS PLANNED</p> <p>Perform prioritized scope that improves the overall reliability of the Liquid Waste system to support SWPF processing at desired throughput.</p> <p>(Maximum available fee is \$5,542K)</p>

Acceptance Criteria	
SRR2020INFRA-01.01	<p>Perform the following prioritized infrastructure scope and critical spare procurement scope to improve reliability of the Tank Farms, DWPF and the SPF to support SWPF operations at planned throughputs:</p> <ul style="list-style-type: none"> - Implement Delta V upgrades in each facility (Tank Farm, DWPF, SPF) - Refurbish F-Diversion Box (FDB) 4 (seven jumpers) - Advance East Hill Utilities Infrastructure scope by installing the following: chromate trench between Tanks 39 and 40; well water supply line modifications; and temporary modification for Plant and Instrument air in the Tank Farms - Upgrade at least four of the following Tank Farm Safety Significant /Safety Class (SS/SC) waste tank purge and/or annulus ventilation components: reheater, duct, fan motor, fan, exhaust stack extensions and/or continuous stack monitor - Make progress on the fabrication of the 3H Evaporator spare pot - Complete fabrication of spare Telescoping Transfer Jet (TTJ) - Complete design, removal, and installation of Process Chiller #2 and replace Chill Water Pump #1 in DWPF - Initiate Melter 4 assembly - Complete design to install two additional Chemical Process Cell (CPC) compressors and dryers at DWPF - Install four Variable Inlet Vanes at DWPF - Implement pump and jumper mercury enhancements at DWPF - Award contract for procurement of critical spare Inconel pieces, 2nd canyon vessel transfer pump, refurbishment of melter offgas blower, and 2nd disposable pump in DWPF.

Acceptance Criteria	
SRR2020INFRA-01.01 (Continued)	<p>Verification by review of, as applicable for the task, photographic evidence of completion, completed Operations Acceptance Checklists, Asset Suite listing of work packages (tasks) set to "finished" or "complete", completed specifications, completed contract award documents, completed procedures, SRR approved technical reports, and/or screen shot of designs approved, issued and available in EPFM.</p> <p>Upon completion of all items, and in lieu of individual item validation documentation, a summary completion document for scope performed may be generated and transmitted from SRR to DOE-SR.</p> <p>(Maximum available fee is \$5,542K)</p>

Acronym List

AMWD	Assistant Manager for Waste Disposition
ARP	Actinide Removal Process
BOP	Balance of Plant
BWRE	Bulk Waste Removal Effort
CAP	Capital Asset Project
CAS	Contractor Assurance System
CO	DOE Contracting Officer
ConOps	Conduct of Operations
CPARS	Contract Performance Assessment Reporting System
CPC	Chemical Process Cell
CSMP	Commercial Submersible Mixing Pump
CSTF	Concentrate, Storage and Transfer Facility
DCP	Design Change Package
DEAR	Department of Energy Acquisition Regulation
D&R	Dismantlement and Removal
DOE	U.S. Department of Energy
DOE-SR	Department of Energy Savannah River Operations Office
DSS	Decontaminated Salt Solution
DWPF	Defense Waste Processing Facility
EM	Office of Environmental Management
EPFM	Engineering, Plant and Facilities Management
ES&H	Environment, Safety, and Health
FDB	F-Diversion Box
FDO	Fee Determining Official
FFA	Federal Facility Agreement
FPD	Federal Project Director
FY	Fiscal Year
GC	Gas Chromatograph
GFS/I	Government Furnished Services and Items
GWSB	Glass Waste Storage Building
IPT	Integrated Project Team
LPPP	Low Point Pump Pit
LW	Liquid Waste
MCU	Modular Caustic Side Solvent Extraction Unit
MST	Monosodium Titanate

Acronym List (Cont')

NRC	Nuclear Regulatory Commission
PBI	Performance Based Incentive
PEMP	Performance Evaluation and Measurement Plan
PID	Performance Incentive Document
QA	Quality Assurance
RPT	Recycle Pump Tank
RSS	Raw Salt Solution
SBP	Submersible Blend Pump
SPT	Sludge Pump Tank
SDU	Saltstone Disposal Unit
SE	Strip Effluent
SME	Slurry Mix Evaporator
SPF	Saltstone Processing Facility
SR	Savannah River
SRAT	Sludge Receipt and Adjustment Tank
SRIP	Savannah River Implementing Procedure
SRM	Savannah River Manual
SRNL	Savannah River National Laboratory
SRR	Savannah River Remediation LLC
SRS	Savannah River Site
SSRT	Salt Solution Receipt Tank
SS / SC	Safety Significant / Safety Class
SWPF	Salt Waste Processing Facility
TCCR	Tank Closure Cesium Removal
TR&C	Task Requirements and Criteria
TSR	Technical Safety Requirement
TTJ	Telescoping Transfer Jet
WBS	Work Breakdown Structure

2. AMENDMENT/MODIFICATION NO. 0595	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 20EM001852	5. PROJECT NO. (If applicable)
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6. ISSUED BY Savannah River Operations Office U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 893037	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
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER REMEDIATION LLC Attn: George Westbury Savannah River Site Building 766-H Aiken SC 29808	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-09SR22505
		10B. DATED (SEE ITEM 13) 12/08/2008
CODE 808376193	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 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: \$120,000.00
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 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) FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)

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.)
See Page 2.
Account code: Fund 01281 Appr Year 2019 Allottee 36 Reporting Entity 410225 Object Class 25102
Program 1111598 Project 0004376 WFO 0000000 Local Use 0000000 Quantity: 0 Amount: \$120,000.00
Percent: .00453 Subject To Funding: N Payment Address:

Payment:

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cynthia T. Strowbridge
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
_____ (Signature of person authorized to sign)	 (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED 7/31/2020

SF30 Block 14

- A. The purpose of this modification is to obligate funds to the contract.
- B. Funds in the amount of \$120,000.00 are hereby obligated to CLIN 0002, increasing it from \$2,596,164,436.80 to \$2,596,284,436.80. These funds are obligated as follows:
- Support of Salt Waste Processing Facility (C.1.3.4) - \$120,000.00
- C. Paragraph B.4 entitled “Limitation of Funds” is hereby revised to increase the total amount of funds obligated to the contract by \$120,000.00, changing it **FROM:** \$5,798,066,579.01 **TO:** \$5,798,186,579.01. The total obligated amount of \$5,798,186,579.01 is allocated as follows:

CLIN 00001	\$2,765,033,072.42
CLIN 00002	\$2,596,284,436.80
CLIN 00004	\$199,684,830.70
CLIN 00005	\$18,107,750.71
CLIN 00006	\$64,740,068.38
CLIN 00007	\$121,940,420.00
CLIN 00008	\$32,396,000.00

- D. All other terms and conditions remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0596	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 20EM001982	5. PROJECT NO. (If applicable)
6. ISSUED BY Savannah River Operations Office U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 893037	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 REMEDIATION LLC Attn: George Westbury Savannah River Site Building 766-H Aiken SC 29808		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 808376193 FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-09SR22505	
		10B. DATED (SEE ITEM 13) 12/08/2008	

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 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 Decrease: -\$17,449,254.00
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 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) FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)

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.)

See Page 2.

Account code: EY8748141 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225
Object Class 25102 Program 1111528 Project 0001764 WFO 0000000 Local Use 0000000
Quantity: 0 Amount: -\$17,449,254.00 Percent: -.65897 Subject To Funding: N Payment Address:

Payment:

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

15A. NAME AND TITLE OF SIGNER (Type or print) Philip J. Breidenbach President and Project Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cynthia T. Strowbridge
15B. CONTRACTOR/OFFEROR <i>Mark A. Lehman for PJB</i> (Signature of person authorized to sign)	15C. DATE SIGNED 8/18/2020
15B. UNITED STATES OF AMERICA <i>Cynthia Strowbridge</i> (Signature of Contracting Officer)	16C. DATE SIGNED 8/19/2020

Previous edition unusable

SF30 Block 14

- A. The purpose of this modification is to deobligate funds from the contract.
- B. Funds in the amount of \$17,449,254.00 are hereby deobligated from CLIN 0002, decreasing it from \$2,596,284,436.80 to \$2,578,835,182.80.
- C. Paragraph B.4 entitled "Limitation of Funds" is hereby revised to decrease the total amount of funds obligated to the contract by \$17,449,254.00, changing it **FROM:** \$5,798,186,579.01 **TO:** \$5,780,737,325.01. The total obligated amount of \$5,780,737,325.01 is allocated as follows:

CLIN 00001	\$2,765,033,072.42
CLIN 00002	\$2,578,835,182.80
CLIN 00004	\$199,684,830.70
CLIN 00005	\$18,107,750.71
CLIN 00006	\$64,740,068.38
CLIN 00007	\$121,940,420.00
CLIN 00008	\$32,396,000.00

- D. All other terms and conditions remain unchanged.

2. AMENDMENT/MODIFICATION NO. 0597	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 20EM001995	5. PROJECT NO. (If applicable)
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6. ISSUED BY Savannah River Operations Office U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 893037	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
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER REMEDIATION LLC Attn: George Westbury Savannah River Site Building 766-H Aiken SC 29808	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-09SR22505
		10B. DATED (SEE ITEM 13) 12/08/2008
CODE 808376193	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 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) FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)

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.)
See Page 2.

A. The purpose of this modification is to correct the Project Value code from 0001764 to 3013735 as shown below:

Account code: EY8748141 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225
Object Class 25102 Program 1111528 Project 3013735 WFO 0000000 Local Use 0000000
Quantity: 0 Amount: \$1,800,000.00 Percent: .06798 Subject To Funding: N Payment Address:

Account code: EY8748141 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225
Object Class 25102 Program 1111528 Project 0001764 WFO 0000000 Local Use 0000000
Quantity: 0 Amount: -\$1,800,000.00 Percent: -.06798 Subject To Funding: N Payment Address:

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) Cynthia T. Strowbridge
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED
	16B. UNITED STATES OF AMERICA Signature on File <i>(Signature of Contracting Officer)</i>
	16C. DATE SIGNED 8/19/2020

CONTINUATION SHEETREFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-09SR22505/0597PAGE OF
2 2NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER REMEDIATION LLC

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	B. All other terms and conditions remain unchanged. Payment:				

2. AMENDMENT/MODIFICATION NO. 0598	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 20EM001992	5. PROJECT NO. (If applicable)
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6. ISSUED BY Savannah River Operations Office U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 893037	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
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER REMEDIATION LLC Attn: George Westbury Savannah River Site Building 766-H Aiken SC 29808	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-09SR22505
		10B. DATED (SEE ITEM 13) 12/08/2008

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 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	Net Increase:	\$17,449,254.00
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13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.


CHECK ONE	A. THIS CHANGE 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) FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)

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.)
See Page 2.
Account code: EY8748141 Fund 01250 Appr Year 2020 Allottee 36 Reporting Entity 410225
Object Class 25102 Program 1111528 Project 3013735 WFO 0000000 Local Use 0000000
Quantity: 0 Amount: \$17,449,254.00 Percent: .65897 Subject To Funding: N Payment Address:

Payment:

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cynthia T. Strowbridge
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED
	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)
	16C. DATE SIGNED 8/21/2020

SF30 Block 14

- A. The purpose of this modification is to obligate funds to the contract.
- B. Funds in the amount of \$17,449,254.00 are hereby obligated to CLIN 0002, increasing it from \$2,578,835,182.80 to \$2,596,284,436.80.
- C. Paragraph B.4 entitled "Limitation of Funds" is hereby revised to increase the total amount of funds obligated to the contract by \$17,449,254.00, changing it **FROM:** \$5,780,737,325.01 **TO:** \$5,798,186,579.01. The total obligated amount of \$5,798,186,579.01 is allocated as follows:

CLIN 00001	\$2,765,033,072.42
CLIN 00002	\$2,596,284,436.80
CLIN 00004	\$199,684,830.70
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CLIN 00006	\$64,740,068.38
CLIN 00007	\$121,940,420.00
CLIN 00008	\$32,396,000.00

- D. All other terms and conditions remain unchanged.