

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 33
2. AMENDMENT/MODIFICATION NO. 0668	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: Darrah L. Granger Savannah River Site Building 766-H Aiken SC 29808		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 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	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.)

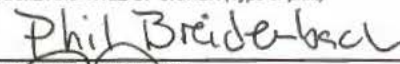
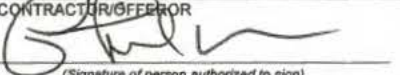

A. The purpose of this modification is to incorporate the attached Performance Evaluation and Measurement Plan Revision 0 for the evaluation period of October 1, 2021, through January 31, 2022 (Extension #5, Option Period I).

B. Section J, Appendix O, is revised to add Appendix O.18 - Performance Evaluation and Measurement Plan Revision 0 for Evaluation Period October 1, 2021, through January 31, 2022 (Extension #5, Option Period I).

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) 	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cynthia T. Strowbridge
15B. CONTRACTOR/OFFEROR 	16B. UNITED STATES OF AMERICA 
15C. DATE SIGNED 9/28/21	16C. DATE SIGNED 9/28/2021

Previous edition unusable



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

**PERFORMANCE EVALUATION AND
MEASUREMENT PLAN**

Revision 0

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

**Evaluation period:
October 1, 2021 through January 31, 2022**

Approval Page

Approval: James L. Folk Digitally signed by James L. Folk
Date: 2021.06.08 09:05:45 -04'00'

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

Date

Approval: Ralf Wilms June 8, 2021

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

Date

Approval: Angela S. Morton Digitally signed by Angela S. Morton
Date: 2021.06.08 07:11:29 -04'00'

Angela S. Morton
Director (Acting), Office of Acquisition Management
DOE - Savannah River Operations Office

Date

Approval: J. Janette Gonzalez 6/7/2021

Janette Gonzalez
Team Lead, Contracts Management Division
DOE - Savannah River Operations Office

Date

Approval: Cynthia Strowbridge 6/7/2021

Cynthia Strowbridge
Contracting Officer
DOE - Savannah River Operations Office

Date

Approval: Michael D. Budney Digitally signed by Michael D. Budney
Date: 2021.06.16 08:42:21 -04'00'

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

Date

Revision Summary Page

Rev. #	Rev. Date	Affected Sections/Pages	Description of Revision
0	10/1/2021	All	Initial issue

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.

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

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 analyses 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 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 the mission 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), an Award Fee Document (see Attachment B) and PIDs (see Attachment C) 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. Revisions to the total available fee during the fiscal year may be uniformly distributed to the performance measures in this plan, or may result in additional performance elements.

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 C) 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 PID's 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.

For the subjective-measured evaluation of contractor performance, Contractor self-assessments are used to supplement federal assessments and reporting of contractor technical performance (quality of product/service), cost control, adherence to schedule, and management and address both the strengths and weaknesses of performance during the evaluation period.

Individual federal assessments are captured monthly and are used to improve performance through enhanced communication between federal and contractor organizations. Both federal and contractor management provide input on a monthly basis, recorded in the Monthly Contractor Performance Feedback Report and discussed face to face between the DOE-SR and Contractor management. Below are the five topical areas that receive monthly evaluation from each contractor and federal organization.

- Quality/Safety
- Schedule
- Cost Control
- Management
- Efficiency and effectiveness of contract execution

This structured process and implementing methodology is critical to the evaluation of work that is considered implicit, or "Subjective." This system provides for clear performance measures that are defined and consistent with standards of reporting contractor performance (FAR 42.16, FAR 16.3, FAR 9.1, and DEAR 909.1), The Federal Acquisition Streamlining Act of 1994, and the federal acquisition guide, chapter 42.16. Subjective incentives use adjectival measures related to quality of service or product. The success of a contractor against Subjective measures is determined by the government. The government considers the related conditions under which the work was performed as well as the Contractor's specific performance as measured against the government's objective.

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)

Attachment A: Fee Schedule cont'

Contract Term	Evaluation Period	Start	Finish	Evaluation Period Fee Allocation	Up to 5% Provisional Fee per Month*
Contract Modification for Period Oct 2020 -Sep 2021	14	10/1/2020	9/30/2021	\$ 44,029,453 (Note 14)	\$ 2,201,472.65 (Note 15)
Contract Modification for Period Oct 2021 -Jan 2022	15	10/1/2021	1/31/2022	\$ 16,516,734 (Note 16)	\$ 2,477,510.10 (Note 17)
Total				\$ 417,030,855.29	

* With the exception of Evaluation Periods 13 & 14, 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:
Provisional Fee per Month = $(\$22,140,000 \times 0.60)/(9) = \$1,476,000$ per month

Note 3: Evaluation Period 7 is a three-month period. Therefore, for this period the Provisional Fee is calculated as follows:
Provisional Fee per Month = $(\$6,527,000 \times 0.60)/(3) = \$1,305,400$ per month

Note 4: Evaluation Period 9 is a nine-month period. Therefore, for this period the Provisional Fee is calculated as follows:
Provisional Fee per Month = $((\$15,072,958.93 \times 0.60))/(9) = \$1,004,863.93$ 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:
Provisional Fee per Month = $((\$12,441,127 \times 0.60))/(6) = \$1,244,112.70$ 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:
Provisional Fee per Month = $((\$13,178,678 \times 0.60))/(5) = \$1,581,441.36$ 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:
Provisional Fee per Month = $((\$30,257,137 \times 0.60))/(10) = \$1,815,428.22$ per month

Attachment A: Fee Schedule cont'

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:

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

Note 14: Fee Allocation for Evaluation Period 14 of \$44,029,453 aligns with Total Available Award Fee as reflected in Contract Mod 613 for Period covering October 1, 2020 through September 30, 2021.

Note 15: Evaluation Period 14 is a twelve-month period. The contractor may request monthly provisional fee payments up to \$2,201,472.65 per month, calculated as follows:

Provisional Fee per Month = $((\$44,029,453 \times 0.60)) / (12) = \$2,201,472.65$ per month

Note 16: Fee Allocation for Evaluation Period 15 of \$16,502,222 aligns with Total Available Award Fee as reflected in Contract Mod 613 for Period covering October 1, 2021 through January 31, 2022 plus an additional \$14,512 of Fee for Contract Mod 642 (Definitization of Implementation of Next Generation Solvent (NGS) at the Salt Waste Processing Facility) for a total fee value of \$16,516,734.

Note 17: Evaluation Period 15 is a four-month period. The contractor may request monthly provisional fee payments up to \$2,477,510.10 per month, calculated as follows:

Provisional Fee per Month = $((\$16,516,734 \times 0.60)) / (4) = \$2,477,510.10$ per month

Attachment B: Award Fee Document



	SRR2201MGMT
Activity Name:	Program Management
Work Breakdown Structure (WBS) Number:	01.90.04
Performance Period:	October 1, 2021 – January 31, 2022
Allocated Fee: Award Fee Pool	\$1,666,734
Revision Number:	0
Senior level manager name: Jim Folk, AMWD	
Senior Level Supervisor/Division Manager Name: Sonitza Blanco, Director, WDPD	
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: SRR2201MGMT-01 <p>The Contractor shall provide safe, timely, and cost-effective management and execution of the Liquid Waste program.</p> <p>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; cost control measures; 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.</p> <p>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, 4) effectiveness of contractor's human resources</p>	

management, and 5) progress towards readiness to implement the nitric-glycolic acid flowsheet in all Liquid Waste facilities. 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 shall continue to monitor Disciplined Operations Performance using Key Performance Indicators and other tracking tools. As one of the key actions, SRR shall maintain the Enhanced

Continuing Training program plan that includes classroom, scenario and simulator-based training with an emphasis on Conduct of Operations (ConOps)/TSR execution.

SRR shall demonstrate effective subcontract management, including award of subcontracts as scheduled, inclusion of all requirements, subcontractor audits, and subcontract administration. Contractor shall monitor subcontractor performance to ensure compliance with all requirements including small business subcontracting plans, Buy American Act, and applicable labor statutes. Contract shall also demonstrate effective use of domestic suppliers of personal protective equipment (PPE) and receipt of PPE in a timely manner.

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 shall 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 642. 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
SRR22O1MGMT-01.01	1/31/2022	\$ 1,000K (60%)	Performance will be evaluated for the period October 1, 2021 – January 31, 2022. Performance area evaluated cover all aspects of quality, safety, technical scope and issue management.
SRR22O1MGMT-01.02	1/31/2022	\$ 666.734K (40%)	Performance will be evaluated for the period October 1, 2021 – January 31, 2022. Performance area evaluated cover all aspects of cost control, schedule, regulatory compliance, management, small business subcontracting, efficiency and effectiveness of contract execution.
Acceptance Criteria:			
SRR22O1MGMT-01.01	<p>Contractor will be subjectively measured on its performance during the period in the following areas:</p> <ul style="list-style-type: none"> • Quality: Contractor will have programs in place that effectively support quality work programs, processes and products including an effective Contractor Assurance Program. • Safety: Contractor will have programs and processes in place that support a strong Nuclear Safety Culture. • Technical Scope: Contractor will ensure that knowledgeable and capable staff – both full-time employees and subcontractors – are in place to effectively execute contract scope and address emergent technical issues as they arise. • Issue Management: Contractor will address emergent issues in a timely manner and will have institutional programs and processes in place to support issue tracking, management and timely resolution. This includes Contractor performance following COVID-19 protocols. 		

SRR22O1MGMT -01.02	<p>Contractor will be subjectively measured on its performance during the period in the following areas:</p> <ul style="list-style-type: none"> • Cost Control: Contractor will demonstrate effective programs and processes to monitor contract costs, including, but not limited to, actual costs incurred to complete selected scope is equal to or less than the forecast cost, plus an appropriate risk contingency based on the scope and complexity of the work to be performed. • Schedule: Contractor will demonstrate that it maintains schedules that satisfy the performance requirements for the subject scope and are reflective of actual schedule performance, problem identification and corrective action plans. • Regulatory Compliance: The contractor will support DOE interface with key regulators and produce effective regulatory work products; further, the contractor will ensure compliance with pertinent regulatory requirements. • Management: Contractor will maintain a management team tailored to the needs associated with the Liquid Waste mission execution that identify and communicate issues and develop effective solutions, and that works collaboratively with DOE-SR and other SRS tenants; responsiveness to DOE customer needs is an implicit performance expectation. • Small Business Subcontracting: Contractor has a mature Small Business Subcontracting program consistent with DOE requirements and maintains and communicates associated programmatic metrics • Efficiency and Effectiveness of Contract Execution: Contractor demonstrates overall integration of operations and business programs focused on execution of the Liquid Waste mission completion objectives, and on anticipation, identification, and avoidance of problems that could adversely impact contract execution
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Award Fee Adjectival Rating (applies to SRR2201MGMT-01.01 and .02 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.

Attachment C: Performance Incentive Documents



Performance Incentive Document

PBI Number:	SRR22O1PREP
Activity Name:	AMWD, Sludge and Salt Batch Preparation/Processing/Support, Tank 48 Treatment
WBS Number:	01.90.02, 01.90.20
Performance Period:	October 1, 2021 – January 31, 2022
Allocated Fee:	\$5,750,000
Revision Number:	0
Senior Level Manager Name: Jim Folk, AMWD	
Senior Level Supervisor/Division Manager Name: Sonitza Blanco, Director, WDPD	
Performance Requirement:	
Contract Section C – <i>Statement of Work</i>	
Contract Output: SRR22O1PREP-01 The preparation of sludge and salt waste batches for processing at waste treatment facilities is critical to support efficient and effective waste treatment facilities' operations, remove waste from the Tank Farms, facilitate tank closures and to support SWPF and operations as planned. Utilization of the Tank Closure Cesium Removal (TCCR) technology is essential in meeting the accelerated salt waste processing goals.	
GFS/I: The target dates and completion dates for the following milestones are based on availability of the funds to execute Contract Mod 642. 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 related to the milestones.	

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR22O1PREP-01.01	1/31/2022	\$ 5,750K	<p>COMPLETE TANK FARM OPERATIONAL ACTIVITIES TO SUPPORT SUFFICIENT SALT FEED FOR SWPF AND TCCR OPERATIONS AND AS PLANNED AND FUTURE TANK CLOSURE</p> <p>Complete Tank Farm Operational activities essential to the overall throughput of the Liquid Waste System ensuring feed is available to support SWPF and TCCR operations and that support waste removal, waste processing and tank closure regulatory milestones.</p> <p>(Maximum available fee is \$5,750K)</p>
Acceptance Criteria			
SRR22O1PREP-01.01	<p>Perform the following with the combination of items a) thru h) not to exceed a total fee of \$5,750K:</p> <p>a) Complete the compilation and qualification of SWPF Salt Batch 5 within three months of blend tank availability. (Fee: \$1,500K)</p> <p>b1) Perform salt dissolution as necessary for batch preparation, ensure sufficient salt solution is available, and transfer procedures are validated for compilation of SWPF Salt Batch 6. (Fee: \$1,250K)</p> <p>b2) Qualify Salt Batch 6 within three months of blend tank availability. (Fee: \$250K)</p> <p>c1) Perform salt dissolution as necessary for batch preparation, ensure sufficient salt solution is available, and transfer procedures are validated for compilation of SWPF Salt Batch 7. (Fee: \$1,250K)</p> <p>c2) Qualify Salt Batch 7 within three months of blend tank availability. (Fee: \$250K)</p> <p>d) Operate the 242-16H (a.k.a., 2H) and the 242-25H (a.k.a., 3H) Evaporator Systems and create up to 300K gallons of space gain by evaporation or beneficial reuse @ \$1/gallon. (Fee: \$300K)</p> <p>e) Perform saltcake dissolution to remove up to a combined total of 30 inches of saltcake from source Tanks 27, 29 and/or 44 @\$15k per inch. (Fee: \$450K)</p> <p>f) Complete Tank 9 TCCR Batch 1 processing and complete salt dissolution of the first two microbatches for Tank 9 TCCR Batch 2 (Fee: \$300K)</p>		

	<p>g) Remove and properly store TCCR spent columns. (Fee: \$200K)</p> <p>h) Perform deliverables from SRR2201BINLIST to improve the reliability of the Liquid Waste facilities and to support optimal throughputs. Fee for items in SRR2201BINLIST will be substituted for items a, b, c, d, e, f and/or g if the inability to complete any of these milestone deliverables is beyond the control of SRR (e.g., delays associated with the operation of SWPF) as determined by DOE. (Maximum fee for SRR2201BINLIST deliverables not to exceed \$5,750K).</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 (EPFM).</p> <p>Maximum Available Fee is \$5,750K</p>
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Performance Incentive Document

PBI Number:	SRR22O1TREAT
Activity Name:	AMWD, Waste Treatment: DWPF, Saltstone
WBS Number:	01.90.03, 01.90.07, 01.90.22
Performance Period:	October 1, 2021 – January 31, 2022
Allocated Fee:	\$3,610,000
Revision Number:	0
Senior Level Manager Name: Jim Folk, AMWD	
Senior Level Supervisor/Division Manager Name: Sonitza Blanco, Director, WDPD	
Performance Requirement:	
Contract Section H.50, 4, <i>Produce DWPF Canisters</i>	
Contract Output: SRR22O1TREAT-01 <p>The treatment of high activity sludge and salt waste feed at DWPF and low activity salt waste at the Saltstone Production Facility (SPF) and the disposal of treated salt waste in the Saltstone Disposal Facility (SDF) contributes to risk reduction tank closure efforts. Ensuring the availability of key spare equipment (i.e., melters) is a contract requirement and helps to prevent an extended DWPF or SPF outage due to lack of spare equipment.</p>	
GFS/I: <p>The target dates and completion dates for the following milestones are based on availability of the funds to execute Contract Mod 642. 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 related to the milestones.</p>	

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR22O1TREAT-01.01	1/31/2022	\$ 3,610K	<p>COMPLETE WASTE TREATMENT OPERATIONAL ACTIVITIES TO SUPPORT SWPF OPERATIONS AS PLANNED</p> <p>Complete Waste Treatment Operational activities essential to the overall throughput of the Liquid Waste System ensuring receipt space is available to support SWPF sustained operations.</p> <p>(Maximum available fee is \$3,610K)</p>
Acceptance Criteria			
SRR22O1TREAT-01.01	<p>Perform the following with the combination of a) through d) not to exceed a total fee of \$3,610K:</p> <p>a) Produce up to 30 equivalent canisters @ \$25K per canister with a maximum available fee of \$750K.</p> <p>b) Process up to 1,540K gallons of Salt Solution from Tank 50 in Saltstone at \$1.50 per gallon with a maximum available fee of \$2,310K.</p> <p>c) Complete Phase VIII Melter Canister Storage Initiatives (Fee: \$550K)</p> <p>d) Perform deliverables from SRR22O1BINLIST to improve the reliability of the Liquid Waste facilities and to support optimal throughputs. Fee for items in SRR22O1BINLIST will be substituted for items a, b and/or c if the inability to complete any of these milestone deliverables is beyond the control of SRR (e.g., delays associated with the operation of SWPF) as determined by DOE. (Maximum fee for SRR22O1BINLIST deliverables not to exceed \$3,610K).</p> <p>Verification by review of, as applicable for the task, shift reports, logbook entries, 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 (EPFM).</p> <p>Maximum available fee is \$3,610K</p>		



Performance Incentive Document

PBI Number:	SRR2201SWPF
Activity Name:	AMWD, SWPF Support
WBS Number:	01.90.03.21.01
Performance Period:	October 1, 2021 – January 31, 2022
Allocated Fee:	\$1,850,000
Revision Number:	0
Senior Level Manager Name: Jim Folk, AMWD	
Senior Level Supervisor/Division Manager Name: Sonitza Blanco, Director, WDPD	
Performance Requirement:	
Contract Sections - Contract Section C – Statement of Work, C.1.3.4 Salt Waste Processing Facility Interface and Coordination	
Contract Output: SRR2201SWPF-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 642. 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
SRR22O1SWPF-01.01	1/31/2022	\$ 350K	<p>COMPLETE PREPARATION ACTIVITIES NECESSARY TO TRANSITION SWPF OPERATIONS TO THE LIQUID WASTE CONTRACT</p> <p>Perform planning and execution of preparation activities required to assume full responsibility of SWPF Operations</p> <p>(Maximum available fee is \$350K)</p>
SRR22O1SWPF-01.02	1/31/2022	\$ 1,500K	<p>COMPLETE SALTSTONE DISPOSAL UNIT (SDU) CONSTRUCTION ACTIVITIES SUPPORTING SWPF OPERATIONS AS PLANNED</p> <p>Perform SDU 9 construction critical path activities essential to support to the overall throughput of the Liquid Waste System and to ensure SWPF sustained operations</p> <p>(Maximum available fee is \$1,500K)</p>
Acceptance Criteria			
SRR22O1SWPF-01.01	<p>Implement SWPF to Liquid Waste Transition Phase II to prepare to transition SWPF to the Liquid Waste Contract (Total Fee: \$350K):</p> <p>a) Complete design packages for SRSNET capability in 221-J, 704-J and support offices as defined by SRR (Fee: \$250K).</p> <p>b) Perform the following SWPF to Liquid Waste Contractor transition actions (Total Fee: \$100K):</p> <ul style="list-style-type: none"> - Conduct kick off meetings with SWPF personnel (Fee: \$25K). - Brief SWPF personnel on SRR policies (Fee: \$25K). - Open Brass Ring to offer positions (Fee: \$25K). - Complete LW/SWPF Senior Management Team Overview Training (Fee: \$25K). <p>Verification by completed work orders, review of training documentation, approved technical documents and classroom implementation roster.</p> <p>Maximum available fee is \$350K</p>		
SRR22O1SWPF-01.02	<p>Perform the following Construction activities to support SDU 9 critical path activities and SWPF Operations as planned (Total Fee: \$1,500K):</p> <ul style="list-style-type: none"> - Complete pouring of 14 of 14 floor sections and four wall panels for SDU 9. <p>Verification by review of, as applicable for the task, completed inspection records, Critical Decision documentation, Operations Acceptance Checklists, Construction Turnover documentation, Asset Suite listing of work packages (tasks) set to “finished” or “complete”, photographic evidence of completion and/or subcontract completion documentation.</p> <p>Maximum available fee is \$1,500K</p>		



Performance Incentive Document

PBI Number:	SRR22O1TANK
Activity Name:	AMWD, Waste Removal & Tank Closure
WBS Number:	01.90.01
Performance Period:	October 1, 2021 – January 31, 2022
Allocated Fee:	\$1,750,000
Revision Number:	0
Senior Level Manager Name: Jim Folk, AMWD	
Senior Level Supervisor/Division Manager Name: Sonitza Blanco, Director, WDPD	
Performance Requirement:	
Contract Section H.50, 1, <i>Operationally close old-style tanks</i>	
Contract Output: SRR22O1TANK-01 Complete tank preparation supporting salt dissolution and sludge processing essential to the overall throughput of the Liquid Waste System ensuring feed is available to support SWPF sustained operations and required to comply with Federal Facility Agreement commitments and demonstrate progress toward risk reduction and achieving tank closure commitments. Complete end-state initiatives to enable the timely operational closure of ancillary structures.	
GFS/I: The target dates and completion dates for the following milestones are based on availability of the funds to execute Contract Mod 642. 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
SRR22O1TANK-01.01	1/31/2022	\$ 1,750K	<p>COMPLETE ACTIVITIES TO SUPPORT LIQUID WASTE OPERATIONS AS PLANNED</p> <p>Complete tank preparation essential for waste retrieval to support the overall throughput of the Liquid Waste System ensuring feed is available to support SWPF initial and sustained operations and complete end-state initiatives to enable the timely operational closure of waste tanks and ancillary structures.</p> <p>(Maximum available fee is \$1,750K)</p>
Acceptance Criteria			
SRR22O1TANK-01.01	<p>Perform the following with the combination of items a) thru f) not to exceed a total fee of \$1,750K:</p> <p>a) Complete mechanical fabrication of Gas Release Mode (GRM) Skid and CSMP assembly for Tank 3 (Fee: \$500K).</p> <p>b) Complete internal grouting of FDB-5 / FDB-6 (Fee: \$750K).</p> <p>c) Complete installation of the remaining two Tank 13 CSMPs to support Tank 15 Heel Removal (Fee: \$400K).</p> <p>d) Complete D&R activities for Tank 31 Riser B9 (Fee: \$100K).</p> <p>e) Perform deliverables from SRR22O1BINLIST to improve the reliability of the Liquid Waste facilities and to support optimal throughputs. Fee for items in SRR22O1BINLIST will be substituted for items a, b, c and/or d if the inability to complete any of these milestone deliverables is beyond the control of SRR (e.g., delays associated with the operation of SWPF) as determined by DOE. (Maximum fee for SRR22O1BINLIST deliverables not to exceed \$1,750K).</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 site receipt documentation, completed procedures, SRR approved technical reports, and/or screen shot of designs approved, issued and available in EPFM.</p> <p>Maximum available fee is \$1,750K</p>		



Performance Incentive Document

PBI Number:	SRR22O1REG
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
WBS Number:	01.90.01, 01.90.02, 01.90.03, 01.90.04
Performance Period:	October 1, 2021 – January 31, 2022
Allocated Fee:	\$1,890,000
Revision Number:	0
Senior Level Manager Name: Jim Folk, AMWD	
Senior Level Supervisor/Division Manager Name: Sonitza Blanco, Director, WDPD	
Performance Requirement: Contract Sections: Contract Section C – Statement of Work, <i>C.2.1 Waste Determinations</i>	
Contract Output: SRR22O1REG-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 642. 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
SRR22O1REG-01.01	1/31/2022	\$ 1,890K	<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 \$1,890K)</p>
Acceptance Criteria			
SRR22O1REG-01.01	<p>Complete, issue, or advance development of, as applicable, activities or work products to support Liquid Waste End State Initiatives (Total Fee: \$1,890K):</p> <p>a) Develop Vadose and Saturated Zone Flow and Transport Models and Perform PORFLOW Compliance Case Runs for the H-Area Tank Farm (HTF) (Fee: \$700K).</p> <p>b) Issue Path Forward for NRC Technical Review Report(s) (TRRs), Requests for Supplemental Information (RSIs) or Request for Additional Information (RAIs) received by 6/1/21 thru 10/31/21 on SDF PA (Fee: \$140K).</p> <p>c) Issue to Site Document Control Tank Wallets for Tanks 5, 6, 12, 16, 18 and 19 (Fee: \$300K).</p> <p>d) Present Cease Waste Removal briefing for 1F Evaporator System, 242-3F Concentrate Transfer System, Tank 18 & 19 Under Liner Sumps (evaluation of Tank 17&20 Sumps) (Fee: \$250K).</p> <p>e) Implement High Level Waste (HLW) Interpretation support initiatives (Fee: \$500K)</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 \$1,890K</p>		

SRR22O1BINLIST			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR22O1BINLIST	1/31/2022	See Acceptance Criteria	PERFORM PRIORITIZED SCOPE TO IMPROVE THE RELIABILITY OF THE DWPF, SALTSTONE, AND TANK FARM FACILITY INFRASTRUCTURE AND TO SUPPORT OPTIMAL THROUGHPUTS AT LIQUID WASTE OPERATIONAL FACILITIES

Acceptance Criteria	
SRR22O1BINLIST	<ol style="list-style-type: none"> 1. Operate the 242-16H (a.k.a., 2H) and the 242-25H (a.k.a., 3H) Evaporator Systems and create up to 300k additional gallons of space gain above the initial 300k gallons of space gain by evaporation or beneficial reuse @\$1/gallon. (Fee: \$300K) 2. Perform saltcake dissolution to remove up to 20 additional inches of saltcake from source tanks 27, 29 and/or 44 @\$15k per inch (Fee: \$300k) 3. Install a Submersible Transfer Pump inside Tank 24 (Fee: \$250K) 4. Complete free supernate removal above the saltcake in Tank 29. (Fee: \$200K) 5. Complete two (2) washing cycles for Sludge Batch 10 preparation. (Fee: \$150K) 6. Upgrade or replace at least one of the following Safety Class/Safety Significant (SC/SS) waste tank purge and/or annulus ventilation components: reheater, duct, fan motor, fan, demister, exhaust stack extensions and/or continuous stack monitor (Fee: \$100K). 7. Fabricate one purge ventilation system spare demister (Fee: \$75K) 8. Complete task readiness for installation of an approved Tank 39 design modification as demonstrated by Tank 39 purge stack extension. (Fee: \$100K) 9. Complete task readiness for refurbishment of jumpers inside H-Area Diversion Box (HDB)-5. (Fee: \$100K) 10. Complete modification for installation of new Sodium Hydroxide (NaOH) Tank at F-Tank Farm (FTF) Deionized Water Facility (DIWF). (Fee: \$100K) 11. Complete modification for Tank 45 underground steam line. (Fee: \$200K) 12. Complete scope associated with HTF East Hill utilities - installation of pipe on two bridges; installation of one East Hill bridge; and installation of Tank 41 pipe and associated pipe supports. (Fee: \$300K) 13. Complete task readiness activities for entering into the glycolic outage (Total Fee: \$1,160K) <ol style="list-style-type: none"> a) Complete task readiness activities for intrusive glycolic modifications (Fee: \$500K) b) Complete task readiness activities for introduction of glycolic acid and sodium permanganate (Fee: \$310K) c) Complete task readiness activities to implement the nonintrusive scope for full glycolic melter feed loop (Fee: \$350K) 14. Complete Reliability Improvements in DWPF and Saltstone (Total Fee: \$1,425K) <ol style="list-style-type: none"> a) Refurbish 3 zone 1, 2, or 3 fan units. (VIVs, fan bearings, motor replacement) (Fee: \$100K/unit or \$300K)

	<ul style="list-style-type: none"> b) Issue design and award procurement of new receiver tank for the DWPF CPC Purge System. (Fee: \$150K) c) Remotely pump one ODCI and transfer to a drum. (Fee: \$100K) d) Complete work to replace one small melter heater power supply on melter (Fee: \$150K) e) Complete field work on SDU-6 sump dewatering modification (Fee: \$75K) f) Complete design of insulation for SSRT PVV system (Fee: \$75K) g) Complete feasibility study for camera upgrades in Saltstone (Fee: \$75K) h) Award the build of the new melter offgas HEPA housing design (Fee: \$50K) i) Complete a Feasibility Study for a Contained Maintenance Area at Saltstone. (Fee: \$100K) j) D&D abandoned Admix process (Fee: \$75K) k) Upgrade spare mixer shaft to third generation auger configuration (Fee: \$100K) l) Remove the Process Room shield curtain (Fee: \$75K) m) Improve SCT access to GWSB 1 (Fee: \$100K) 15. Issue cost benefit analysis to eliminate melter 5 drain valve (Fee: \$250K) 16. Complete design feasibility study for returning the Precipitate Reactor (PR) tank to service (Fee: \$250K) 17. Develop and approve SRSNET Installation Plan for SWPF Off-site office location (assumes office location is provided by DOE) (Fee: \$150K) 18. Issue work products supporting DWPF Recycle Diversion (Total Fee: \$250K) <ul style="list-style-type: none"> a) Issue Technology Maturation Plan (Fee: \$100K) b) Issue Conceptual Material Balance (Fee: \$150K) 19. Issue approved TR&C for Tank 11 Heel Removal design (Fee: \$50K) 20. Complete Tank 28 Electrical Equipment Room and 18F Fire Protection designs (Fee: \$250K) 21. Complete Tank 44 CSMP designs (Fee: \$250K) 22. Receive, inspect and field test, as required, Tank 27 Submersible Transfer Pump, telescoping assembly, McCanna valves, and Variable Frequency Drive (VFD) (Fee: \$150K) 23. Complete Tank 33 Enhanced CSMP receipt, inspection, and perform satisfactory testing at TNX. (Fee: \$250K) 24. Produce up to 14 additional equivalent canisters @ \$25K per canister (Fee: maximum available of \$350K)
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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
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

Acronym List (Cont')

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