

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 0271	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 13EM003233	5. PROJECT NO. (if applicable)
6. ISSUED BY Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 00901	7. ADMINISTERED BY (If other than Item 6) Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 00901
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER REMEDIATION LLC Attn: Deborah J. Schlismann 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 telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

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

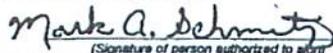
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: H.28 Performance Evaluation and Measurement Plan
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not x 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 for the evaluation period of October 1, 2013, through September 30, 2014.
- B. Section J, Appendix O, is revised to add Appendix O.5 - Fiscal Year 2014 Performance Evaluation and Measurement Plan.
- C. All other terms and conditions remain unchanged.

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

15A. NAME AND TITLE OF SIGNER (Type or print) Mark A. Schmitz for Ken Ruster Project Director	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Charlene Smith
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)
15C. DATE SIGNED 4/30/2013	16C. DATE SIGNED 9/30/13



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

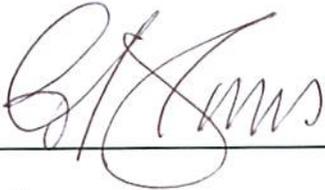
**PERFORMANCE EVALUATION AND
MEASUREMENT PLAN**

Revision 0

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

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

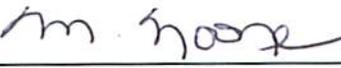
Approval Page

Approval:  _____

Terrel J. Spears
Contracting Officer's Representative
Assistant Manager for Waste Disposition Project
DOE - Savannah River Operations Office

9/30/13

Date

Approval:  _____

Office of Chief Counsel
DOE - Savannah River Operations Office

9.30.13

Date

Approval:  _____

Jeffrey C. Armstrong
Director, Office of Acquisition Management
DOE - Savannah River Operations Office

9.30.13

Date

Approval:  _____

Charlene Smith
Contracting Officer

9/30/13

Date

Revision Summary Page

Rev. #	Rev. Date	Affected Sections / Pages	Description of Revision
0	10/1/2013	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 and by the Other Project Cost (OPC) (PBS SR-0014C) funding source for the 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 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*, H.14 *Project Control Systems and Reporting Requirements*, and H.50 *Performance Requirements*.

Incentive strategy is based on:

- Removing sludge waste from liquid radioactive waste tanks to support preparation of sludge batches to serve as feed to the Defense Waste Processing Facility.
- Operating the salt processing facilities to remove salt cake and supernatant from liquid radioactive waste tanks.
- Operationally closing and isolating old-style liquid radioactive waste tanks and associated facilities.

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 in the performance incentive documents is based on a combination of an analysis of Budgeted Cost of Work Scheduled (BCWS) and scheduled activities considered by DOE management to be key to successful contract execution. Operational tank closure and waste removal are critical activities.

3. Integrated Project Team & Fee Board

The Assistant Manager for Waste Disposition Project (AMWDP) 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 (SMEs) as well as matrix support personnel who possess specific competencies and the skill and expertise required for successful evaluation of SRR performance.

The Assistant Manager for Integration and Planning (AMIP) leads the site Fee Board. The site Fee Board uses a fee schedule (see Attachment A) and performance incentive documents (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; working together to develop performance objectives, descriptions, associated measures, and targets tied to DOE strategic goals associated with the contract scope of work. Performance incentive documents 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 performance incentive documents, 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 (reference 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 performance incentive documents 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 (LWSP)*. 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, 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(LWSP)*
- Contract Section C, Statement of Work (SOW)
- General Contract End State Requirements (included in Section C)
- Contract Clause H.50, Performance Requirements

4.2. Risk Management

DOE uses an integrated risk management process for the Liquid Waste program life cycle baseline. This ensures 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 development of 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 at least annually, 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 the performance incentive documents are subject to the change control process. Proposed changes shall include a description and justification, address the impact of non-approval and include any proposed fee changes by evaluation period. Changes proposed by SRR will be submitted to the DOE Contracting Officer (CO), who will then request the IPT to review the change request, and make a recommendation to the CO to approve with or without changes or disapprove the proposal. The contractor is advised that proposed changes should not be submitted in an effort to relax requirements simply due to delays or failures by the contractor to complete work within its control.

4.4. Reporting

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

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

4.5. Performance Assessment and Fee Determination

The government will determine earned fee through evaluation and measurement of contractor performance against the performance requirements specified in performance incentive documents (see Attachment B). 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 walkdown of physical work in the field. The Fee Determining Official (FDO) has sole authority to determine earned fee. The FDO is supported by and receives recommendations from the Fee Board.

The amount of fee awarded for an incentive is based on completing expected performance as scheduled and providing timely and accurate documentation. For all PBIs, the contractor is expected to perform the work effort 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 that may consider 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, Performance Based Incentive (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 Contracting Officer 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. 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 performance incentive document validation/assessment requests submitted for the evaluation period.

5. Federal Oversight of Contractor Performance

Procedures for oversight of contractor performance are described in SR Manual (SRM) 226.1.1, *Integrated Performance Assurance Manual*. The contractor oversight system is founded on an integrated safety management system (ISMS) that 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, the site also uses independent and self-assessments to determine effectiveness of site 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	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	\$28,000,000.00	\$1,400,000.00
	Remaining Evaluation Periods, Fee Allocation and Provisional Fee to be determined later				
Total, Basic				\$188,426,235.36	
Option 1	Evaluation Periods, Fee Allocation and Provisional Fee to be determined later				
	Total, Option 1				\$ 55,371,205
Option 2	Evaluation Periods, Fee Allocation and Provisional Fee to be determined later				
	Total, Option 2				\$ 9,570,000
Total, Basic, Option 1 and Option 2				\$253,367,440.36	

* 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.

Attachment B: Performance Incentive Documents



Performance Incentive Document

PBI Number:	SRR2014MGMT
Activity Name:	Program Management
WBS Number:	01.90.04
Performance Period:	October 1, 2013 – September 30, 2014
Allocated Fee:	\$2,800,000
Revision Number:	0
Senior level manager name: Terry Spears, AMWDP	
Senior level supervisor/division manager name: Jim Folk, Deputy AMWDP	
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: SRR2014MGMT-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, Scope of Work and optimizing liquid waste system performance, i.e., 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, and responsiveness to DOE customer needs. A special focus of this performance period will be the effectiveness of the contractor's maintenance program. Customer service is an implicit performance expectation. 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 SR M&O contractor, the Salt Waste Processing Facility Project contractor, and other site contractors as specified in Section J, Appendix N of the contract.	

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2014MGMT-01.01	9/30/2014	\$ 2,800K	Performance will be evaluated annually. 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	
SRR2014MGMT-01.01	Contractor will be subjectively measured against all aspects of Contract Output described above.

Award Fee Adjectival Rating (applies to SRR2014MGMT-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:	SRR2014TREAT		
Activity Name:	AMWDP, Waste Treatment: DWPF, Saltstone		
WBS Number:	01.90.03, 01.90.07, 01.90.22		
Performance Period:	October 1, 2013 – September 30, 2014		
Allocated Fee:	\$10,250,000		
Revision Number:	0		
Senior level manager name:	Terry Spears, AMWDP		
Senior level supervisor/division manager name:	Jim Folk, Deputy AMWDP		
Performance Requirement:			
Contract Section C – Statement of Work Contract Section H.50 (b) 4.a. Produce 1,451 canisters at DWPF by the end of Basic Term			
Contract Output: SRR2014TREAT-01			
The processing of sludge and salt waste feed at DWPF contributes to risk reduction tank closure efforts. Ensuring the availability of key spare equipment, i.e., melters, is a contract requirement and helps ensure against an extended DWPF shutdown due to lack of a spare melter in the event of melter failure.			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2014TREAT-01.01	125 canisters	\$ 2,500K	Produce up to 125 canisters in FY2014 @ \$20K for each canister produced with a maximum available fee of \$2,500K.
SRR2014TREAT-01.02-01	1/31/2014	\$ 650K	Implement Engineering Actions from the DWPF Reliability Improvement Plan -01 Implement DWPF Purge Modification TSR Revision 2013-E. -02 Revise and implement DSA/TSR, changing from a calculated anti-foam carbon value to a method utilizing a
01.02-01	9/15/2014	\$ 400K	
01.02-02			

01.02-03	9/15/2014	\$ 300K	measured antifoam quantity in the Melter Flammability Control strategy.
01.02-04	9/15/2014	\$ 300K	-03 Implement Inner Canister Closure System (ICCS) design modifications to replace obsolete controller and to enhance heater control logic.
01.02-05	9/15/2014	\$ 300K	-04 Implement Canister Decontamination Chamber (CDC) design modifications to improve nozzle cage guide rinse nozzles and CDC air dry nozzles.
01.02-06	4/30/2014	\$ 200K	-05 Generate/Qualify Simulant and Perform Cold Cap Evaluation Furnace (CEF) demonstration for the Alternate Reductant (Glycolic Acid) Flowsheet.
			-06 Implement new enhanced wide-mouth SME level bubbler design for more reliable service. (Maximum available fee is \$2,150K):
SRR2014TREAT-01.03	9/15/2014	\$ 600K	Improve DWPF System Health by implementing the following: - Replace 4 obsolete acid system pumps (\$50K each for up to 4 acid system pumps). - Implement modifications to 4 decon frit actuators (\$50K each for up to 4 decon frit actuator modifications). - Implement repairs to MPC crane rail (\$200K). Maximum Available Fee is \$600K
SRR2014TREAT-01.04	9/15/2014	\$ 400K	Submit revised DSA/TSR to DOE for approval reflecting the following: 1) Consolidate and make consistent all CPC and LPPP vessel purge calculations to reflect installation of Barton flowmeters in place of Kurz flowmeters and rotometers (purge, recovery time, instrument uncertainty, jumper leakage, N2 inventory). 2) Develop and submit DSA/TSR changes consistent with item 1. 3) Rearrange Design Basis Accidents such

			that similar events with similar controls are grouped together.
SRR2014TREAT-01.05	6/30/2014	\$ 300K	512-S Solids Issue: Perform analysis of 512-S solids and develop methodology to improve filter performance and develop Engineering Path forward for identified improvements.
Contract Output: SRR2014TREAT-02			
The processing of low activity salt solution at the Saltstone Production Facility and its disposal at the Saltstone Disposal Facility contributes to reduction of stored waste in the tank farms and facilitates tank closure activities. The construction and commissioning of Saltstone Disposal Units (SDUs) supports the continued operation of the Saltstone Production Facility.			
SRR2014TREAT-02.01-01, -02	800K gal	\$ 800K	\$800K to be paid upon completion of 800K gallons of decontaminated salt solution received from Tank 50 and processed into grout.
	400K gal	\$ 400K	Thereafter, \$1.00 for each gallon processed up to 400K additional gallons. (Maximum available fee is \$1,200K.)
SRR2014TREAT-02.02	9/15/2014	\$ 500K	Identify Vault 4 roof and cell walls coating material and complete application on 3 cells.
SRR2014TREAT-02.03	9/15/2014	\$ 500K	Implement modification to expand basin No. 4 capacity.
SRR2014TREAT-02.04-01,-02,-03,-04, -05	9/15/2014	\$ 300K	Submittal of regulatory documentation supporting ongoing operation of SDF -01 Issue a White Paper and associated UWMQE that defines what decontaminated salt solution characteristics define "SWPF Equivalency."
	3/31/2014	\$ 300K	-02 Submit Special Analysis for SDU6.
	6/30/2014	\$ 400K	--03 a) Submission of SRR-approved technical report containing the data and analysis associated with hydraulic conductivity and compressive strength test results between the cast samples and the cored samples gathered as a part of the SDU-2A emplaced sampling activity.

	1/31/2014	\$ 300K	-03 b) Submission of SRR-approved Mock-Up Test Report documenting work performed as a part of the SDU-2A emplaced sampling activity.
	1/31/2014	\$ 300K	-04 Develop a crosswalk matrix comparing the NRC TER and Salt Waste Disposal Monitoring Plan with the FY13 SDF Special Analysis and the FY13 PA Maintenance Plan. -05 Issue an UWMQE supporting the emplacement of saltstone in SDUs 2, 3, and 5 to the 21.5 foot fill height level.
SRR2014TREAT-02.05	10 wall sections	\$500K minus \$50K for each percent over 8.5% of \$13.032M direct cost	Saltstone Disposal Unit 6 Project: Complete 10 wall sections at a cost not to exceed \$14.139M. (\$13.032M direct cost plus 8.5% = \$14.139M) - Includes any/all costs related to SRR directed work scope changes and/or design deficiencies

Acceptance Criteria	
SRR2014TREAT-01.01	Canisters must be filled to the 100 inch level, averaging 36% waste loading, and have successfully passed their leak check test as documented through the Daily Shift Reports.
SRR2014TREAT-01.02	-01 Verification by document reviews and field observation of DSA Implementation Checklist Completion. -02 Verification by document review and field observation of DSA Implementation Checklist Completion. -03 Verification by inspection and review of completed work packages and OAC documents. -04 Verification by inspection and review of completed work packages and OAC documents. -05 Verification by document review of Technical Report – Glycolic Acid Off-gas Melter Modeling and Test Results. -06 Verification by inspection and review of completed work packages and OAC documents for modified SME level bubbler installation.
SRR2014TREAT-01.03	Verification by inspection and review of completed work packages and OAC documents.

SRR2014TREAT-01.04	DOE review and validate contractor approval of DSA and TSR submittal complies with 10CFR830.
SRR2014TREAT-01.05	Verification by document review of Engineering Path Forward for improved 512-S throughput.
SRR2014TREAT-02.01	Verification of total gallons processed through review of facility log entries and field observations.
SRR2014TREAT-02.02	Verification by inspection and review of completed work packages and OAC documents.
SRR2014TREAT-02.03	Verification by field inspection and review of completed work packages and OAC documents.
SRR2014TREAT-02.04	<p>-01 DOE verification of acceptable technical completeness and adequacy of PARC approved UWMQE.</p> <p>-02 DOE verification of acceptable quality, completeness, and technical justification of PARC approved Special Analysis for SDU6.</p> <p>-03 Verification of completion of SRR approved reports of adequate technical quality.</p> <p>-04 DOE shall verify acceptable quality, completeness and technical justification.</p> <p>-05 DOE verification of acceptable quality, completeness and technical justification of PARC approved UWMQE.</p>
SRR2014TREAT-02.05	<p>Verification of:</p> <p>QA certified acceptance of completed work scope and Certified actual cost including:</p> <ul style="list-style-type: none"> • Invoices • Completed contract changes / adjustments



Performance Incentive Document

PBI Number:	SRR2014PREP		
Activity Name:	AMWDP, Sludge and Salt Batch Preparation/Processing/Support, ARP/MCU Operations, Tank 48 Treatment		
WBS Number:	01.90.02, 01.90.20		
Performance Period:	October 1, 2013 – September 30, 2014		
Allocated Fee:	\$8,350,000		
Revision Number:	0		
Senior level manager name:	Terry Spears, AMWDP		
Senior level supervisor/division manager name:	Jim Folk, Deputy AMWDP		
Performance Requirement:			
Contract Section C – Statement of Work Contract Section H.50 (b) 6 Improve ARP/MCU [Actinide Removal Process/Modular Caustic Side Solvent Extraction Process] operations			
<u>Contract Output : SRR2014PREP-01</u>			
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 and facilitate tank closures. Effective and efficient ARP/MCU operations and installation of life extension upgrades are critical during the interim period leading to startup of the SWPF.			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2014PREP-01.01-01, -02	500K gal	\$ 1,500K	\$1,500K upon processing 500K gallons from Tank 49.
	500K gal	\$ 1,500K	\$3/gallon for each gallon processed between 501K gal up to 1,000K gal from Tank 49. (Maximum available fee is \$3,000K)

SRR2014PREP-01.02	3/31/2014	\$ 300K	DOE verification of a) resumption of MCU operations with NGS solvent by initiating radioactive salt solution feed to the contactor bank as demonstrated by shift logs; and b) an SRR approved data summary and technical evaluation report documenting initial process operation with NGS solvent.
SRR2014PREP-01.03 -01, -02, -03	1/31/2014	\$ 150K \$ 150K \$ 150K	MCU Reliability Improvements: -01 - Complete Rain cover installation -02 - Replace 3 pump VFDs -03 - Install SHT Sampler (Max fee \$450K)
SRR2014PREP-01.04	7/15/2014	\$ 300K	Tank Space Management: <ul style="list-style-type: none"> • Evaluate and recommend disposition plan for spent wash water currently stored in Tanks 4, 7, 13, 25, 26, and 51 (including space gain requirements for evaporator systems. • Evaluate and recommend best usage of tank space in Tanks 4, 7, 8, 11, 13, 25, 26 for operation of the LW system based on LWSP Rev 19 inputs and assumptions. • Evaluate and recommend optimum sodium concentration for ARP/MCU feed solution as measured in Tank 49.
SRR2014PREP-01.05	9/15/2014	\$ 400K	Salt Batch 8 Compilation \$0.50/gallon for each gallon compiled up to 800Kgal
SRR2014PREP-01.06 -01, -02, -03	9/15/2014 9/15/2014 9/15/2014	\$ 200K \$ 200K \$ 200K	Complete Regulatory Compliance improvement upgrades: -01 - 704-56H Sanitary Sewer -02 - Zn Abatement -03 - 281-8H Algae Control (Max fee \$600K)
SRR2014PREP-01.07-01, -02	9/15/2014 9/15/2014	\$ 200K \$ 200K	Improve Recycle Management: -01 - Successful Post maintenance testing package on 2 or more standard mixing pumps in Tank 22.

			-02 - Complete Tank 22 Solids Removal. (Max fee \$400K)
SRR2014PREP01.08-01, -02, -03, -04	9/15/2014	\$ 300K \$ 300K \$ 200K \$ 200K	Improve Tank Farm system health: -01 - Replace 3 SC Purge System components. -02 - Replace 3 purge reheaters. -03 - Replace FPT-1 IAL pump. -04 - Replace transfer hose from HPT-6 to Tk 50. (Max fee \$1,000K)
SRR2014PREP01.09-01, -02	9/15/2014	\$ 250K \$ 250K	Reduce inventory in 3H evaporator system -01 - Deliquor system by 600K gal. -02 - Completion of 40 inches of Tank 37 Salt Dissolution and Waste Removal per SRR-approved operating plan and as demonstrated by salt soundings in the tank. (Max fee \$500K) See Note 1.
SRR2014PREP-01.10-01, -02, -03, -04, -05, -06	9/15/2014	\$ 150K \$ 150K \$ 150K \$ 150K \$ 150K \$ 150K	Procure, repair, or fabricate critical spare long lead equipment: -01 - Procure Safety Significant HDB-8 diesel generator -02 - Fab Tank 37 TTJ -03 - Fab Tank 40 TTJ -04 - Fab Tank 49 transfer pump -05 - Receive 2 QVSP's with Complete Quality Assurance Receipt Acceptance per Receipt Inspection Criteria Program to confirm vendor fabrication, testing and final data packages are acceptable -06 - Rebuild 2 BFV's (Max fee \$ 900K)
SRR2014PREP-01.11	9/15/2014	\$ 300K	D&R Tank 6 purge ventilation system.
SRR2014PREP-01.12	9/15/2014	\$ 200K	Stabilization or removal of liquid from 3 currently stored waste boxes, HT 13007526, HT 13007527, HT 13007528 followed by box disposal to

			SWM.
--	--	--	------

Note 1: The current restriction on the SDU Disposal Authorization Statement (DAS) must be relaxed in order to include Tank 35 in the Salt Batch 8 recipe. Salt solution must be transferred from Tank 35 to enable salt dissolution from Tank 37. If necessary based upon sample results, SRR shall request by 11/8/2013, relaxation of the restriction on Salt Batch 8 sufficient to enable including Tank 35 in the Salt Batch 8 recipe, with expectation of a DOE-SR CO/COR response letter by 12/31/2013.

Acceptance Criteria	
SRR2014PREP-01	-01 Verification of total gallons processed through review of ARP/MCU operations morning report. -02 Verification of total gallons processed through review of ARP/MCU operations morning report.
SRR2014PREP-01.02	DOE verification of a) resumption of operations with NGS; and b) a summary of data from initial NGS demonstration and a technical evaluation of the initial data documented in a SRR-approved report of adequate technical quality.
SRR2014PREP-01.03	Verification of: -01 complete installation and turnover through OAC of the MCU rain cover. -02 complete installation and turnover through OAC of 3 pump VFDs in the MCU MCC. -03 fabrication, assembly, installation and turnover through OAC of SHT sampler.
SRR2014PREP-01.04	Verification of: SRR-approved technical evaluations and recommended path forward for tank space management based on updated inputs/assumptions and outputs from LWSP Rev. 19, as documented in a SRR-approved reports of adequate quality.
SRR2014PREP-01.05	Verification of: a) SRR-approved recipe for the salt batch; b) space available in the salt batch prep tank for a nominal 1,000,000 gallon salt batch; c) records of the salt batch volume composited by transfer of salt solution into the salt batch prep tank, by review of facility logs, and d) all of the above on a schedule that will support continuity of salt feed at a rate of 1 Mgal/year.
SRR2014PREP-01.06	Verification of: -01 completion of design, procurement, installation and turnover through CTO of the new 704-56H sanitary sewer system. -02 completion of the Zinc Abatement Project through CTO.

	-03 operation and evaluation of initial operation of the 281-8H retention basin ultrasonic algae control system as documented in a technical evaluation report of adequate technical quality.
SRR2014PREP-01.07	Verification of: -01 establish mixing capability in Tank 22 with 2 or more operable standard mixing pumps. -02 completion of 1 or more campaigns of Tank 22 solids removal using installed mixer pumps.
SRR2014PREP-01.08	Verification of completion of system health improvements via review of: -01 completed work packages and OAC for a total of 3 SC component replacements of purge exhaust ductwork, purge exhaust stack temp mod, or Type I/II tank fan motor with a more robust motor. -02 completed work packages and OAC. -03 completed work packages and OAC for pump replacement and completion of one transfer from F to H Tank Farm using the IAL pump. -04 completed work packages and OAC.
SRR2014PREP01.09	Verification of: -01 the reduction of system inventory by a minimum of 600K gallons by review of operating logs. -02 completion of 40 inches of Tank 37 salt dissolution and removal per SRR-approved operating plan.
SRR2014PREP-01.10	Verification of completion of critical spare availability via review of: -01 complete Quality Assurance Receipt Acceptance per Receipt Inspection Criteria Program to confirm vendor fabrication, testing and final data packages are acceptable. -02 completed work packages. -03 completed work packages. -04 completed work packages. -05 complete Quality Assurance Receipt Acceptance per Receipt Inspection Criteria Program to confirm vendor fabrication, testing and final data packages are acceptable. -06 completed work packages.
SRR2014PREP-01.11	Verification of completed work packages documenting the removal of the primary tank purge ventilation system including condenser, reheater cabinet, HEPA cabinet, fan, stack and interconnecting ductwork.
SRR2014PREP-01.12	Verification of stabilization or removal of liquid from the 3 currently stored waste boxes followed by disposal to SWM.



Performance Incentive Document

PBI Number:	SRR2014TANK		
Activity Name:	AMWDP, Waste Removal & Tank Closure		
WBS Number:	01.90.01		
Performance Period:	October 1, 2013 – September 30, 2014		
Allocated Fee:	\$6,300,000		
Revision Number:	0		
Senior level manager name:	Terry Spears, AMWDP		
Senior level supervisor/division manager name:	Jim Folk, Deputy AMWDP		
Performance Requirement:			
Contract Section C – Statement of Work Contract Section H.50 (b) 1.a. The Contractor will operationally close 4 non-compliant tanks			
Contract Output : SRR2014TANK-01			
Completion of bulk waste removal (BWR), heel removal, tank cleaning, transfer system isolation, necessary modifications for tank grouting, and tank grouting are essential elements of the tank closure program. Completion of BWR and closure efforts is required to comply with FFA commitments and demonstrate progress toward risk reduction and achieving tank closure commitments. Completion of technical documents to support waste removal and operational closure decisions by DOE and external agencies.			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2014TANK-01.01-01, -02, -03	12/31/2013	\$ 1,000K	Tanks 5 and 6: -01 Completion of first of a kind grouting of Type I High Level Waste Tanks 5 and 6 including annulus, cooling coils, primary tank and risers.
	4/30/2014	\$ 500K	-02 Submission of Final Configuration Report required per F-Area Tank Farm General Closure Plan to remove Tanks 5F & 6F from Construction Permit No. 17,424-IW.

	5/31/2014	\$ 200K	-03 Submission of the Explanation of Significant Difference required per F-Area Tank Farm General Closure Plan to remove Tanks 5F & 6F from Construction Permit No. 17,424-IW.
SRR2014TANK-01.02-01, -02, -03	4/30/2014	\$ 250K	Tank 16H - Safe Suspension and Sample Analysis -01 Complete safe layup of closure activities for Tank 16H per suspension plan.
	9/15/2014	\$ 750K	-02 Complete final volume estimates determination and analysis of both Tank 16H primary tank and annulus samples.
	1/31/2014	\$ 500K	-03 Preparation and submission of Tank 16H Closure Module Executive Summary and Sections 1, 2, 3 and 8.
SRR2014TANK-01.03	4/30/2014	\$ 250K	Tank 12H – Safe Suspension Complete safe layup of closure activities for Tank 12H per suspension plan.
SRR2014TANK-01.04	9/15/2014	\$ 500K	Tank 15H – Restore Purge Ventilation Restore Tank 15 H&V system to operating condition.
SRR2014TANK-01.05	4/30/2014	\$ 250K	Tank 10H – Safe Suspension Complete safe layup of closure activities for Tank 10H per suspension plan.
SRR2014TANK-01.06	7/31/2014	\$ 500K	Waste Closure Strategy Issue revised SRR Approved waste removal and operational closure strategy document.
SRR2014TANK-01.07	9/15/2014	\$ 1,000K	Issue SRR Approved H-Area Tank Farm Documents Issue SRR-approved HTF 3116 Basis Document and the HTF Performance Assessment plus the HTF Tier 1 Closure Plan. (See Note 2)
SRR2014TANK-01.08-01, -02	9/15/2014	\$ 300K	Procurement Of Submersible Mixer Pumps (SMPs) -01 Complete procurement, inspection, and testing of five (5) SMPs for future Bulk Waste Removal activities.
	9/15/2014	\$ 300K	-02 Complete procurement of six (6)

			Commercial Slurry Mixer Pumps, prototype mast design and testing of 1 pump.
--	--	--	--

NOTE 2: If the TER has not been received by 5/31/2014 then the remaining fee will be reassigned.

Acceptance Criteria	
SRR2013TANK-01.01	<p>-01 Verification of grouting completion in accordance with approved work packages under the first-time implementation of new DSA control.</p> <p>-02 Verification of documentation to remove Tanks 5&6 from Construction Permit No. 17, 424-IW - Final Configuration Report certified by Professional Engineer.</p> <p>-03 Verification of documentation to remove Tanks 5&6 from Construction Permit No. 17, 424-IW - Explanation of Significant Difference.</p>
SRR2014TANK-01.02	<p>-01 Verification of suspension plans addressing the tank/project scope, schedule, costs, risks and regulatory documentation. Where additional activities are necessary to place the closure equipment in a safe configuration for layup; verification will include completed work packages as specified in the SRR approved suspension plan for Tank 16H.</p> <p>-02 Verification of the SRR-approved volume determination and SRNL approved analysis report.</p> <p>-03 DOE acceptance of Tank 16H Industrial Wastewater Closure Module Executive Summary and Sections 1, 2, 3 and 8 ready for transmittal to SCDHEC for initial review, including applicable reference documents.</p>
SRR2014TANK-01.03	<p>Verification of suspension plans addressing the tank/project scope, schedule, costs, risks and regulatory documentation. Where additional activities are necessary to place the closure equipment in a safe configuration for layup; verification will include completed work packages as specified in the SRR approved suspension plan for Tank 12H.</p>
SRR2014TANK-01.04	<p>Verification of Tank 15 H&V system operability by inspection of field work complete, work packages, and operating logs.</p>
SRR2014TANK-01.05	<p>Verification of suspension plans addressing the tank/project scope, schedule, costs, risks and regulatory documentation. Where additional activities are necessary to place the closure equipment in a safe configuration for layup; verification will include completed work packages as specified in the SRR approved suspension plan for Tank 10H.</p>
SRR2014TANK-01.06	<p>Verification of SRR Approved waste removal and operational closure strategy document. The document will include a general discussion of available technologies, lessons learned from the 7 BWRE campaigns and four tank closures, a recommendation of future use of Bulk Oxalic Acid cleaning, and a</p>

	minimum of four tank specific waste removal and closure strategies.
SRR2014TANK-01.07	DOE acceptance for submittal to DOE-HQ of SRR incorporation of Technical Evaluation Report received from the NRC into the SRR-approved HTF 3116 Basis Document, the HTF Performance Assessment, the HTF Tier 1 Closure Plan and applicable supporting references. (See Note 2)
SRR2014TANK-01.08	-01 Verification of receipt inspection documentation for each SMP. -02 Verification of receipt inspection for six (6) Commercial SMPs, and testing documentation for one (1) CSMP.



Performance Incentive Document

PBI Number:	SRR2014SWPFLIS		
Activity Name:	AMWDP, SWPF Line Item Support		
WBS Number:	01.90.03.21.01		
Performance Period:	October 1, 2013 – September 30, 2014		
Allocated Fee:	\$300,000.00		
Revision Number:	0		
Senior level manager name:	Pamela Horning, SWPF FPD		
Senior level supervisor/division manager name:	Shayne Farrell, SWPF Deputy FPD		
Performance Requirement:			
Contract Sections - Contract Section C – Statement of Work, C.1.3.4 Salt Waste Processing Facility Interface and Coordination			
Contract Output: SRR2014SWPFLIS-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.			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2014SWPFLIS-01.01	06/30/2014	\$ 200K	Identify and submit remaining LW Contractor scope required by existing SWPF Interface Control Documents to support the Commissioning, Start-up and Operational phases of the SWPF Project. The identified scope will be delivered to DOE-SR via a Primavera (P6) Level II summary schedule for integration into the SWPF

			Project schedule.
SRR2014SWPFLIS-01.02	09/15/2014	\$ 100K	Conduct electrical coordination study for the shared 13.8kV supply to Z and J-Areas and identify modifications, if any, required to ensure the electrical system is coordinated, reducing the potential for a loss of 13.8kV supply impacting either Z or J-Area facilities (e.g. Saltstone and SWPF).
Acceptance Criteria			
SRR-SWPFLIS-01.01	Verification of scope identification, per ICDs approved and active as of October 1, 2013, and of Level II schedule logic of acceptable quality and completeness.		
SRR-SWPFLIS-01.02	Verification of acceptable quality and completeness of the electrical coordination curves. Note: This effort does not include any physical modifications to correct any identified deficiencies.		