

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 247	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 00901	7. ADMINISTERED BY (If other than Item 6) Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 00901
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER 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)

No change in accounting and appropriation data

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

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
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, 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 DELETE the Performance Evaluation and Measurement Plan (PEMP) incorporated by Modification 219 and ADD the attached PEMP Revision 1 for the evaluation period of October 1, 2012, through September 30, 2013.

B. Section J, Appendix O.4, is hereby revised to DELETE Fiscal Year 2013 PEMP and ADD Fiscal Year 2013 PEMP Revision 1.

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) Lyden D. Olson President and Project Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Charlene Smith
15B. CONTRACTOR/OFFEROR <u>L. D. Olson</u> (Signature of person authorized to sign)	15C. DATE SIGNED 03/27/2013
16B. UNITED STATES OF AMERICA <u>Charlene Smith</u> (Signature of Contracting Officer)	16C. DATE SIGNED 03/27/2013



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

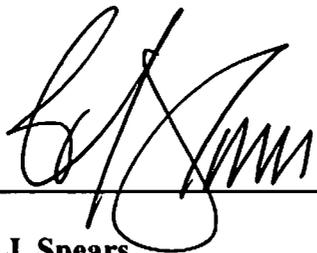
**PERFORMANCE EVALUATION AND
MEASUREMENT PLAN**

Revision 1

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

**Evaluation period:
October 1, 2012 through September 30, 2013**

Approval Page

Approval:  _____

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

3-15-13

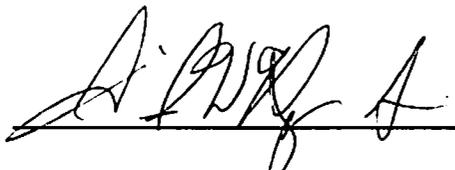
Date

Approval:  _____

Scott D. Langston
Director
Contracts Management Division
DOE - Savannah River Operations Office

3-26-13

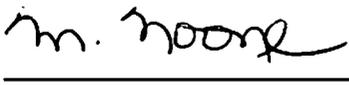
Date

Approval:  _____

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

3/26/2013

Date

Approval:  _____

Office of Chief Counsel
DOE - Savannah River Operations Office

3.19.2013

Date

Revision Summary Page

Rev. #	Rev. Date	Affected Sections / Pages	Description of Revision
0	10/1/2012	All	Initial issue
1	03/22/2013	All	Revisions effected to: 1) allow adjustments responsive to failure of a major system component (2F Evaporator), 2) clarify completion and acceptance criteria, and 3) effect minor editorial corrections.

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 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 applicable portions of the contract.

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
	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:	SRR2013MGMT
Activity Name:	Program Management
WBS Number:	01.90.04
Performance Period:	October 1, 2012 – September 30, 2013
Allocated Fee:	\$3,370,000
Revision Number:	0
Senior level manager name:	Terry Spears, AMWDP
Senior level supervisor/division manager name:	Jim Folk, Deputy AMWDP
Performance Requirement:	
<p>Contract Sections - All</p> <p>Provide quality-driven program management as outlined in the contract, optimize Liquid Waste system performance, and perform approved scope at or below cost.</p>	
<p>Contract Output: SRR2013MGMT-01</p> <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, 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. Customer service is an implicit performance expectation.</p> <p>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.</p>	

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2013MGMT-01.01	9/30/2013	\$ 3,370K	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	
SRR2013MGMT-01.01	Contractor will be subjectively measured against all aspects of Contract Output described above.

Award Fee Adjectival Rating (applies to SRR2013MGMT-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:	SRR2013TREAT		
Activity Name:	AMWDP, Waste Treatment: DWPF, Saltstone		
WBS Number:	01.90.03, 01.90.07, 01.90.22		
Performance Period:	October 1, 2012 – September 30, 2013		
Allocated Fee:	\$8,850,000		
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: SRR2013TREAT-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
SRR2013TREAT-01.01-01, -02	225 canisters 50 canisters	\$ 3,500K \$ 1,500K	\$3,500K to be paid upon completion of 225 canisters produced in FY2013. Thereafter, \$30,000.00 for each canister produced up to 50 additional canisters. (Maximum available fee is \$5,000K.)
SRR2013TREAT-01.02	9/15/2013	\$ 200K	Deliver Melter 4 and Complete Assembly through Installation of Drain Valve
SRR2013TREAT-01.03	9/15/2013	\$ 200K	Complete deployment of a caustic flowsheet for the DWTT/RC; Complete design and equipment fabrication for SC

			modifications to DWTT/RCT (nitrogen purge system to improve flammability management)
SRR2013TREAT-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. Thereafter, \$1.00 for each gallon processed up to 1,200K additional gallons (or \$1,200K when SDU-2A and 2B reach maximum fill height). (Maximum available fee is \$2,000K.)
	1200K gal	\$ 1200K	
SRR2013TREAT-02.02	9/15/2013	\$ 300K	Submission of SDF Special Analysis (SA) with "New Case" and associated sensitivity and uncertainty analyses that is developed per DOE commitment to address the April 2012 NRC TER report and Letter of Concern to DOE and SCDHEC.
SRR2013TREAT-02.03	1/31/2013	\$ 250K	SRR approved Saltstone and DWPF Waste Acceptance Criteria (WAC) Documents supporting the Development of the Salt Waste Processing Facility WAC transmitted to the SWPF Project DOE Office.
SRR2013TREAT-02.04	8/31/2013	\$ 500K	Complete all start-up testing of SDU 3 & 5 and submit CD-4 package.
SRR2013TREAT-02.05	4/30/2013	\$ 200K	Complete and issue design for SSRT Piping/Pumps/Agitators and associated tie-ins (Work Packages 4 and 5)
SRR2013TREAT-02.06	9/15/2013	\$ 200K	SSRT DSA / TSR submitted to DOE for approval.

Acceptance Criteria

SRR2013TREAT-01.01-01, -02	Canisters must be filled to the 100 inch level, averaging 36% waste loading beginning with Sludge Batch 6, and have successfully passed their leak check test as documented through the Daily Shift Reports.
SRR2013TREAT-01.02	Verification by document review of Melter Assembly Manual, SRR QA approval of drain valve installation, and delivery to final assembly site.

SRR2013TREAT-01.03	<p>Verification by document review of:</p> <ul style="list-style-type: none"> (a) Approved Safety Basis Package for DWTT/RCT Caustic Flowsheet (*by DOE if required, else SRR approval) (b) SRR approved implementing procedures for DWTT/RCT Caustic Flowsheet (c) Completed implementation checklist for DWTT/RCT Caustic Flowsheet (d) Completed design output document and completed jumper and piping fabrication work orders for DWTT/RCT nitrogen purge modifications
SRR2013TREAT-02.01-01, -02	Verification of total gallons processed through review of facility log entries and field observations.
SRR2013TREAT-02.02	DOE shall verify acceptable quality, completeness and technical justification per the DOE response/commitments made to NRC in the July 26, 2012 letter # WDPD-12-64.
SRR2013TREAT-02.03	DOE review of SRR approved Saltstone and DWPF Waste Acceptance Criteria documents and acceptance that Documents are of sufficient quality to allow the development of the SWPF WAC to be implemented before SWPF initiates Hot Commissioning.
SRR2013TREAT-02.04	Verify CD-4 package is submitted and meets Project requirements.
SRR2013TREAT-02.05	DOE review of validation packages and verification of record in Document Control Center.
SRR2013TREAT-02.06	DOE review and validate contractor approval of DSA/TSR that complies with 10CFR830.



Performance Incentive Document

PBI Number:	SRR2013PREP		
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, 2012 – September 30, 2013		
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) 6 Improve ARP/MCU [Actinide Removal Process/Modular Caustic Side Solvent Extraction Process] operations			
<u>Contract Output : SRR2013PREP-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
SRR2013PREP-01.01-01, -02	600K gal 800K gal	\$ 1,800K \$ 2,400K	\$1,800K upon processing 600K gallons from Tank 49. \$3.00/gallon for each gallon processed between 600K gal up to 1,400K gal from Tank 49. (Maximum available fee is \$4,200K)
SRR2013PREP-	1/31/2013	\$ 1,000K	Salt Batch 6 qualified and ready to be

01.02-01, -02	9/15/2013	\$ 1,000K	transferred to Tank 49. Salt Batch 7 qualified and ready to be transferred to Tank 49. (Max fee is \$2,000K)
SRR2013PREP-01.03-01, -02	8/31/2013	\$ 600K	Analyze sample and qualify Sludge Batch #8 in Tank 51.
	9/15/2013	\$ 700K	Compile Sludge Batch #9 in Tank 51 (Max fee is \$1,300K)
SRR2013PREP-01.04-01, -02, -03.	7/31/2013	\$ 400K	Complete consolidation of the 241-1F and 241-74F Control Rooms to the 3H Control Room.
	8/1/2013	\$ 100K	Initiate outage for consolidation of the 241-18F Control Room to the 3H Control Room.
	9/15/2013	\$ 200K	Complete 241-18F SS/SC electrical and instrument tie-ins. (Max Fee is \$700K)
SRR2013PREP-01.05-01, -02	03/31/2013	\$ 200K	-01 - Troubleshoot 2F Evaporator Demister and Evaluate 2F Space Gain Alternatives -02 - Fabricate and Stage New 2F Evaporator Lift Jumper (Max fee is \$400K)
	9/15/2013	\$ 200K	
SRR2013PREP-01.06-01, -02, -03	3/31/2013	\$ 150K	\$50K each to restore SC purge ventilation thermowells in Tanks 13, 29 and 35.
	8/15/2013	\$ 125K	Remove obsolete equipment from the FPP-1 sump area and design/install a new sump pump assembly.
	8/31/2013	\$ 375K	\$75K each to complete design and repair/replace SC purge ventilation ductwork on Tanks 25, 44 and 46 and HDB-2; and replace FDB-4 inlet duct. (Max fee is \$650K)
SRR2013PREP-01.07-01, -02, -03, -04	5/30/2013	\$ 100K	Submit Next Generation Solvent (NGS) DSA change.
	6/30/2013	\$ 100K	Revise and submit NGS Technology Maturation Plan for TRL-6.
	6/30/2013	\$ 300K	Procure NGS solvent component chemicals.

	9/15/2013	\$ 500K	Complete NGS outage at MCU. (Max available fee is \$1,000K)
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Acceptance Criteria	
SRR2013PREP-01-01, -02	<ul style="list-style-type: none"> -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.
SRR2013PREP-01.02	<ul style="list-style-type: none"> -01 Verification that Salt Batch 6 is of a nominal 1 million gallons and meets Waste Acceptance Criteria for feed to ARP/MCU through review of documented sample analyses and is ready for transfer into Tank 49. -02 Verification that Salt Batch 7 is of a nominal 1 million gallons and meets Waste Acceptance Criteria for feed to ARP/MCU through review of documented sample analyses and is ready for transfer into Tank 49.
SRR2013PREP-01.03	<ul style="list-style-type: none"> -01 Verification that the Sludge Batch #8 sample has been analyzed, tested and proven to make acceptable glass as documented in a technical report and the batch has been transferred to Tank 40 ready to feed to DWPF. -02 Verification that Sludge Batch #9 transfers into Tank 51 are complete through review of field log entries
SRR2013PREP-01.04	<ul style="list-style-type: none"> -01 Verification of completion of the tie in of 241-1F and 241-74F Control Rooms into the 3H Control Room and resumption of operations for a period of 60 days. -02 Install the lockout, enter all applicable LCOs and initiate the 241-18F outage. -03 Complete the 241-18F SS/SC electrical and instrument tie-ins to the 3H Control Room, complete post-modification testing and OAC, and resume operations for these instruments in the 3H Control Room.
SRR2013PREP-01.05	<ul style="list-style-type: none"> -01 Verification of Tank 26 feed pump replacement, verification of installed demister pad removal, inspection of demister pad and completion of a documented technical evaluation of demister pad material condition; and completion of a documented Engineering Evaluation with a recommendation for an alternative approach to the previously planned 2F Evaporator space gain, development of a documented plan (scope, schedule and life cycle cost) to replace the 2F Evaporator vessel, and a final recommendation with a documented path forward based on the preferred alternative.

	-02	Verification of fabrication of a new replacement lift jumper, completion of testing and appropriate storage.
SRR2013PREP-01.06	-01	Verification of completion of installation of thermowells through OAC including DOE review of contractor-provided work package documentation and validation of completion.
	-02	Verification of completion of design and installation of an operable sump pump assembly in FPP-1 through Operations Acceptance Checklist (OAC) including DOE review of contractor-provided work package documentation and validation of completion.
	-03	Verification of completion of repairs to tank and diversion box purge systems through OAC including DOE review of contractor-provided work package documentation and validation of completion.
SRR2013PREP-01.07	-01	Verification of a SRR-approved DSA change submitted to DOE.
	-02	Verification of a SRR-approved Technology Maturation Plan to achieve a Technology Readiness Level 6 submitted to DOE.
	-03	Verification of solvent component chemicals ordered and received.
	-04	Verification the NGS solvent and associated cold chemicals mixed and charged into the process, approval of the NGS Process Demonstration Plan, completion and approval of the Management Control Plan prerequisites, (which includes confirmation of applicable functional areas as well as approval for implementation/monitoring the operational transition and initial operations).



Performance Incentive Document

PBI Number:	SRR2013TANK		
Activity Name:	AMWDP, Waste Removal & Tank Closure		
WBS Number:	01.90.01		
Performance Period:	October 1, 2012 – September 30, 2013		
Allocated Fee:	\$ 8,900,000		
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			
<u>Contract Output : SRR2013TANK-01</u>			
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.			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2013TANK-01.01	9/15/2013	\$ 3,500K	Completion of field activities and required assessments to demonstrate readiness to receive grout in Tanks 5 and 6 (Not to exceed \$1250K for each tank's field completion and \$1,000K for completion of required assessments).
SRR2013TANK-01.02	7/30/2013	\$ 500K	Completion of Tank 12 Acidic Chemical Cleaning as outlined in the Operating Plan.

SRR2013TANK-01.03	9/15/2013	\$ 1,000K	Submission of proposals for preliminary Cease Waste Removal (CWR) activities for Tanks 12 and 16. (Not to exceed \$500K for each tank.)
SRR2013TANK-01.04	8/31/2013	\$ 500K	Perform Bulk Waste Removal activities in Tank 10 to support salt batching.

Contract Output : SRR2013TANK-02

Completion of technical documents to support waste tank operational closure decisions by DOE and external agencies.

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2013TANK-02.01	6/1/2013	\$ 1,500K	Submission of Tanks 5 & 6 Industrial Wastewater Closure Module (Rev. A) to DOE ready for transmittal to SCDHEC and completion of the Special Analysis. (Not to exceed \$1000K for the Closure Module and \$500K for the Special Analysis)
SRR2013TANK-02.02	9/15/2013	\$ 1,000K	Submission of response to the Nuclear Regulatory Commission (NRC) Request for Additional Information (RAI) on the H-Area Tank Farm Performance Assessment (PA) Rev. 1 and the associated Draft (Rev. 0) 3116 Basis Document. Applicable only for RAIs received prior to 06/30/2013. See Note 1.
SRR2013TANK-02.03	9/15/2013	\$ 400K	Completion of high priority FY13 LW PA Maintenance Plan tests/studies and issuance of technical reports.
SRR2013TANK-02.04	7/15/2013	\$ 400K	Submission of documentation required per F-Area Tank Farm General Closure Plan to remove Tanks 18 & 19 from Construction Permit No. 17,424-IW.

			(Not to exceed \$200K for the Final Configuration Report and \$200K for the Explanation of Significant Difference).
SRR2013TANK-02.05	3/31/2013	\$ 100K	Submission of two SRR approved procedure for : (1) Maximum Extent Practical and (2) collection of information in support of tank closure and area closure (including implementation of this procedure for Tanks 18/19).

Note 1: If no RAIs have been received prior to 6/30/2013, then the remaining fee will be reassigned to SRR2013TANK-01.01. Confirmation to be provided by COR.

Acceptance Criteria	
SRR2013TANK-01.01	Verification of completion of: (a) Field activities for Tank 5, including removal of equipment, riser modifications, installation of grout injection equipment and lines, preparations for grouting cooling coils. (b) Field activities for Tank 6, including removal of equipment, riser modifications, installation of grout injection equipment and lines, preparations for grouting cooling coils. (c) Required assessments demonstrating readiness to receive grout in Tanks 5 & 6 (only "A" items related to DOE/regulatory approvals can be open).
SRR2013TANK-01.02	Post-safety basis implementation, verification of completion of bulk oxalic acid strikes in accordance with the Operating Plan (U-ESR-H-00103) and SRR approved evaluation report including data cited in Operating Plan.
SRR2013TANK-01.03	Verification of adequacy of briefing package for preliminary regulatory decision associated with the <i>Proposal to Cease Waste Removal Activities and Enter Sampling and Analysis Phase</i> including preliminary mapping and inventory, waste removal history and results, technologies used, and practicality considerations for: (a) Tank 12H (b) Tank 16H
SRR2013TANK-01.04	Verification of an approved Salt Dissolution report that demonstrates that sufficient salt was dissolved to support Salt Batch 7 OR salt dissolution to the maximum effectiveness of the technology (based on criteria set forth in SRR-LWE-2012-00118 and SRR-LWE-2011-00241). Documentation of the Tank 10H salt dissolution results and path forward.

SRR2013TANK-02.01	<ul style="list-style-type: none"> (a) DOE acceptance of Tanks 5 & 6 Industrial Wastewater Closure Module (Rev. A) ready for transmittal to SCDHEC (b) SRR approved Tanks 5 & 6 Special Analysis Report for transmittal to SCDHEC for review.
SRR2013TANK-02.02	DOE acceptance of SRR responses to RAIs received from the NRC on the H-Area Tank Farm PA and the Draft 3116 Basis Document. Depending on the scope of the RAIs, appropriate responses may be a plan and schedule for resolution, as concurred in by the COR.
SRR2013TANK-02.03	Verification of completion of high priority FY13 LW PA Maintenance tests/studies for SDF and Tank Farm PAs including reports of adequate technical quality.
SRR2013TANK-02.04	<p>Verification of documentation submitted to remove Tanks 18 & 19 from Construction Permit No. 17,424-IW:</p> <ul style="list-style-type: none"> (a) Final Configuration Report certified by professional engineer (b) SRR Approved Explanation of Significant Difference
SRR2013TANK-02.05	<ul style="list-style-type: none"> (a) SRR approved procedure delineating documentation for implementing MEP and a procedure that defines requirements for collection, retention and retrievability of information to support tank closure and area closure and (b) Tank 18/19 package developed in accordance with the approved procedure and including documents available at time of submission