

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 1	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
119		See Block 16C		11EM002972	
5. PROJECT NO. (If applicable)		6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)	
		CODE 00901		CODE 00901	
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802		Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802			
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
SAVANNAH RIVER REMEDIATION LLC Attn: Katy Burnau Savannah River Site Building 766-H Aiken SC 29808		(x)			
CODE 808376193		FACILITY CODE		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 9 and 10, 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. 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 Measurement Plan (PEMP) incorporated by modification 080 and ADD the attached PEMP Revision 2 for the evaluation period of October 1, 2010 through September 30, 2011.

B. 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		15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Angela S. Morton	
15B. CONTRACTOR/OFFEROR  <small>(Signature of person authorized to sign)</small>	15C. DATE SIGNED 6/23/2011	15B. UNITED STATES OF AMERICA  <small>(Signature of Contracting Officer)</small>	15C. DATE SIGNED 06/23/2011



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

**PERFORMANCE EVALUATION AND
MEASUREMENT PLAN**

Revision 2

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

**Evaluation period:
October 1, 2010 through September 30, 2011**

Approval Page

Approval:  _____

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

6-21-11

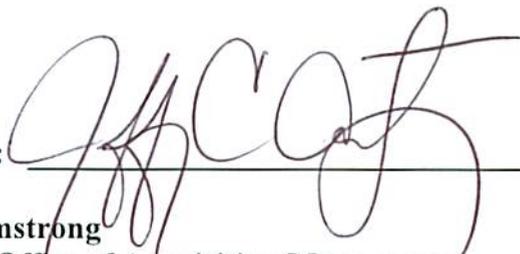
Date

Approval:  _____

Scott Langston
Contracting Officer
Contracts Management Division
DOE - Savannah River Operations Office

6-22-11

Date

Approval:  _____

Craig Armstrong
Director, Office of Acquisition Management
DOE - Savannah River Operations Office

6-22-2011

Date

Revision Summary Page

Rev. #	Rev. Date	Affected Sections / Pages	Description of Revision
0	11/13/09	All	Initial issue
1	3/4/11	PBIs: SRR2011TREAT SRR2011PREP SRR2011TANK SRR2011ARRA	Revisions effected to: 1) reallocate fee away from milestones dependent upon GFSI delivery where a high degree of uncertainty regarding delivery timeframes is evident, 2) reallocate fee towards physical tank closure-related workscope, 3) clarify completion and acceptance criteria, and 4) effect minor editorial corrections.
2		PBIs: SRR2011TREAT SRR2011PREP SRR2011TANK	Revisions effected to: 1) reallocate fee away from both the Tank 48 Tank Treatment Project (to account for new project direction) and one tank closure milestone dependent upon GFSI delivery where a high degree of uncertainty regarding delivery timeframes is evident, and towards additional processing of low activity salt solution, 2) adjust ARP/MCU fee structure by a partial reallocation of fee away from salt waste processing operations at ARP/MCU and towards the development and issuance of a report investigating ARP/MCU DF performance phenomena, and 3) clarify completion criteria.

1. Purpose

This document serves as the Performance Evaluation and Measurement Plan (PEMP) for Fiscal Year (FY) 2011 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 both the base (PBS SR-0014C) and American Recovery and Reinvestment Act (ARRA) (PBS SR-0014C.R.1.1 and PBS SR-0014C.R.1.PEN) funding sources for the Liquid Waste program and is consistent with the approved SRR Contract Performance Baseline.

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*, H.50 *Performance Requirements* and applicable contract modifications.

Key performance parameters include:

- Safe, timely and cost-effective management and execution of the Liquid Waste program to optimize liquid waste system performance, i.e., accelerate tank closures and maximize waste throughput at the Defense Waste Processing Facility (DWPF) while ensuring sufficient tank space for continued long term operations.
- Removing sludge waste from liquid radioactive waste tanks and preparing sludge batches to serve as feed to the DWPF.
- Removing salt waste from liquid radioactive waste tanks, preparing salt batches, and processing salt waste batches at the Actinide Removal Process/Modular Caustic Side Solvent Extraction Unit (ARP/MCU) and the future Salt Waste Processing Facility (SWPF) to serve as feed to the DWPF and the Saltstone Production Facility (SPF).
- Operation of the DWPF to vitrify sludge and salt waste for onsite storage in canisters pending final disposition and operation of the SPF to treat decontaminated salt solutions with grout for onsite disposal.

- Operationally closing and isolating old-style liquid radioactive waste tanks and associated facilities.

Appropriate coordination and integration with other site contractors as well as management of landlord and custodial services for real and personal property assigned to the Liquid Waste program will also be evaluated.

The Performance Incentive Documents (PIDs) found in Attachment B to this PEMP are organized to align with the Work Breakdown Structure associated with the approved SRR Contract Performance Baseline. The PIDs specify performance requirements and contract outputs for determining earned fee. Fee distribution in the PIDs 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.

3. Integrated Project Team & Fee Board

An Integrated Project Team (IPT) led by the Assistant Manager for Waste Disposition Project (AMWDP) 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 tied to DOE strategic goals associated with the contract scope of work. The 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 (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 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 (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) results in a series of documents comprising 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; and,
- Applicable Contract Modifications.

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 oversees the implementation of risk management for the Liquid Waste program.

The Liquid Waste program strives to minimize risk and maximize opportunity benefit through periodic assessment, grading, and development and implementation of handling strategies. Analyses of risk impact are also 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.

4.4. Reporting

The reporting of actual 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

Performance assessment includes methodical evaluation during the performance period, verification of completion documentation, and, in some cases, field validation of completed work. Fee is considered provisional throughout the performance period until it is determined earned by DOE. The Fee Determining Official (FDO) determines the total fee awarded to the contractor. 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)*.

The amount of fee awarded for an incentive is based on completing expected performance as scheduled and providing timely and accurate documentation. Expected performance completed after the scheduled completion date 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.

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. The invoice will include the performance incentive document validation/assessment requests submitted for the evaluation period. Those performance incentives noted as activities funded by ARRA will be costed to ARRA funding.

5. Federal Oversight of Contractor Performance

Procedures for assessing contractor performance are described in SR Manual (SRM) 226.1.1, *Integrated Performance Assurance Manual*. The contractor oversight system is based on the Integrated Safety Management System (ISMS) DOE P 450.4, *Safety Management System*. 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 226.1, 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
	Remaining Evaluation Periods, Fee Allocation and Provisional Fee to be determined later				
	Total, Basic				\$ 188,020,888
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				\$ 252,962,093	

* 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:	SRR2011MGMT
Activity Name:	Program Management
WBS Number:	01.90.04, 01.RA.04
Performance Period:	October 1, 2010 – September 30, 2011
Allocated Fee:	\$3,150,000
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: SRR2011MGMT-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. 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's management performance relative to execution of ARRA-funded workscope in keeping with Departmental ARRA performance objectives will be included in this evaluation. The Contractor will work collaboratively with the SR M&O contractor and other site contractors as specified in Section J, Appendix N of the contract.	

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2011MGMT-01.01	3/31/2011	\$1,575K	Performance will be evaluated semi-annually. Performance areas evaluated cover all aspects of Contract Output described above.
SRR2011MGMT-01.02	9/30/2011	\$1,575K	

Acceptance Criteria	
SRR2011MGMT-01.01 SRR2011MGMT-01.02	Contractor will be subjectively measured against all aspects of Contract Output described above.



Performance Incentive Document

PBI Number:	SRR2011TREAT		
Activity Name:	AMWDP, Waste Treatment: DWPF, Saltstone		
WBS Number:	01.90.03, 01.90.07, 01.90.22		
Performance Period:	October 1, 2010 – September 30, 2011		
Allocated Fee:	\$8,580,000		
Revision Number:	2		
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 1945 canisters at DWPF by the end of Basic Term Contract Section H.50 (b) 5 Improve DWPF canister waste loading Contract Section H.50 (b) 6. Reduce DWPF recycle stream generation			
Contract Output: SRR2011TREAT-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
SRR2011TREAT-01.01	233 canisters 293 canisters	\$3,750K \$930K	Partial prorated payment will be made for less than 293 cumulative canisters produced (i.e., fee will be prorated at \$15,500.00 per canister produced for cumulative canister production between 233 and 293.
SRR2011TREAT-01.02	9/30/2011	\$ 250K	Authorization to ship Melter 4 assembled vessel and frame.

SRR2011TREAT-01.03	9/30/2011	\$ 350K	Reduction in DWPF recycle volume attributable to implementation of plant modifications that demonstrates 180K gallons per year annualized reduction capability.
Contract Output: SRR2011TREAT-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.			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2011TREAT-02.01	800K cum gallons	\$1,250K \$ 350K	800K cumulative gallons of low activity salt waste received from Tank 50 and processed into grout. \$1.00/gallon for every gallon received from Tank 50 and processed into grout following issuance of the Contract Modification implementing Revision 2 of this PEMP. (Maximum available fee is \$1,600K.).
SRR2011TREAT-02.02	9/30/2011	\$1,000K	Saltstone Production Facility operational record reflects a reliability factor of ≥ 0.85 . Reliability factor is defined as the total number of startup and planned shutdown cycles greater than 4 hours duration where a transfer from Tank 50 occurs divided by the total number of facility startup and shutdown cycles. This factor excludes runs under MCP(s) performed to improve process predictability.
SRR2011TREAT-02.03	11/01/2010	\$ 150K	SDU#2, 3&5 CD-2/3 package submitted to DOE.
SRR2011TREAT-02.04	12/30/2010	\$ 250K	Vault 4 Organic Modifications complete.

SRR2011TREAT-02.06	4/30/2011	\$ 300K	SDU# 2 design/build subcontract field complete.
Acceptance Criteria			
SRR2011TREAT-01.01	Canisters must be filled to the 100 inch level and have successfully passed their leak check test as documented through the Daily Shift Reports.		
SRR2011TREAT-01.02	Verification that Melter 4 assembled vessel and frame meet acceptance requirements through documentation review.		
SRR2011TREAT-01.03	Verification of total reduction in steam usage by SAS through review of recorded process instrumentation and calculated to equivalent water generation that demonstrates a 180K gallons per year annualized reduction capability.		
SRR2011TREAT-02.01	Verification of total gallons processed through review of facility log entries and field observations.		
SRR2011TREAT-02.02	Verification of attainment of reliability factor through review of facility log entries and field observations.		
SRR2011TREAT-02.03	Verification of satisfactory quality product to facilitate acceptance.		
SRR2011TREAT-02.04	Contractor completed ORR and Contractor declaration of readiness to initiate disposal operations.		
SRR2011TREAT-02.06	Verification that subcontract scope is complete and acceptance of SDU #2 by Contractor through documentation review and field observations.		



Performance Incentive Document

PBI Number:	SRR2011PREP		
Activity Name:	AMWDP, Sludge and Salt Batch Preparation/Processing/Support, ARP/MCU Operations, Tank 48 Treatment Project		
WBS Number:	01.90.02, 01.90.20		
Performance Period:	October 1, 2010 – September 30, 2011		
Allocated Fee:	\$6,150,000		
Revision Number:	2		
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) 7 Improve ARP/MCU [Actinide Removal Process/Modular Caustic Side Solvent Extraction Process] operations <ul style="list-style-type: none"> a. Achieve 4 gallons per minute throughput rate b. Achieve average Cs-137 Decontamination Factor (DF) of 200 			
<u>Contract Output : SRR2011PREP-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 are critical during the interim period leading to startup of the SWPF.			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2011PREP-01.01	600K cum gallons	\$1,576K	\$1,576K to be paid upon 600K gallons from Tank 49 processed by ARP/MCU at an average Cs-137 DF of 200.
	1,020K cum gallons	\$ 882K	Thereafter, \$2.10/gallon for every gallon from Tank 49 processed by ARP/MCU at an average Cs-137 DF of 60 (5 times

	9/30/2011	\$ 210K	design basis). Issuance of a report which documents the results of the Engineering Path Forward (X-EPF-H-00006, "Path Forward for the Degradation of the Decontamination Factor at the MCU") for longer term use of solvent, including performance and DF. (Maximum available fee is \$2668K).
SRR2011PREP-01.02	5/31/2011 9/30/2011	\$1,500K \$ 700K	Sludge Batch 7A ready to feed to DWPF. Sludge Batch 7B ready to feed to Tank 40.
SRR2011PREP-01.03	4/30/2011	\$ 150K	Submit documentation required to obtain DOE Saltstone Disposal Authorization for extended ARP/MCU operations.
SRR2011PREP-01.04	9/30/2011	\$ 500K	Salt Batch 4 ready to feed to ARP.
SRR2011PREP-01.05	3/31/2011	\$ 132K	Implement DOE approved DSA change requests (reference HLW-CRF-10006 Rev. 2 and SBD-S-10-007 Rev 0) to revise the Waste Acceptance Criteria (WAC) point of compliance for Strip Effluent Hold Tank (SEHT) transfers to DWPF and complete an evaluation and issue a report documenting the technology down-select for installed instrumentation to measure and monitor solvent levels in the SEHT.

Contract Output: SRR2011PREP-02

Treatment and disposition of the waste currently in Tank 48 will permit this new-style tank to be re-purposed to support execution of the Liquid Waste mission. Treatment of the waste in Tank 48 is also a commitment in the DNFSB 2001-1 Implementation Plan.

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2011PREP-02.01	10/30/2010	\$ 500K	Tank 48 Treatment Project CD-2A/3A package submitted to DOE

Acceptance Criteria	
SRR2011PREP -01.01	<p>Verification of total gallons processed through review of ARP/MCU operations log entries and field observations.</p> <p>Verification that the Engineering Path Forward (X-EPF-H-00006, "Path Forward for the Degradation of the Decontamination Factor at the MCU") was fully and appropriately executed and that the report faithfully presents results and adequately defends conclusions.</p>
SRR2011PREP -01.02	<p>Verification that Sludge Batch 7A meets Waste Acceptance Criteria for feed to DWPF through review of documented sample analyses and is staged in Tank 40 ready to start feeding to DWPF.</p> <p>Verification that Sludge Batch 7B meets Waste Acceptance Criteria for feed to DWPF through review of documented sample analyses and is ready for transfer into Tank 40.</p>
SRR2011PREP -01.03	DOE-HQ concurrence of no-impact to 3116 Waste Determination for ARP/MCU Life Extension.
SRR2011PREP -01.04	Verification that Salt Batch 4 meets Salt Batch qualification requirements for feed to ARP/MCU through review of documented sample analyses and is staged in Tank 49 ready to start feeding to ARP as validated through review of facility log entries and field observations.
SRR2011PREP -01.05	<p>Verification that WAC point of compliance safety analysis is implemented at DWPF through review of Waste Compliance Plans, facility procedures, facility log entries and field observations.</p> <p>Verification of in-line instrumentation down-select process and analysis is complete through review of pertinent documentation.</p>
SRR2011PREP -02.01	Verification that CD-2A/3A package content is consistent with DOE-EM-SRP-2010, "Standard Review Plan", governing procedures in SRS Manuals E7 and E11, and the agreed upon deliverables by SRR to the DOE-SR FPD. Verification of satisfactory quality product to facilitate acceptance.



Performance Incentive Document

PBI Number:	SRR2011TANK		
Activity Name:	AMWDP, Waste Removal & Tank Closure		
WBS Number:	01.90.01		
Performance Period:	October 1, 2010 – September 30, 2011		
Allocated Fee:	\$ 9,120,000		
Revision Number:	2		
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 15 non compliant tanks (independent of SWPF processing) Contract Section H.50 (b) 2. Implement Enhanced Chemical Cleaning for liquid waste tank cleaning			
<u>Contract Output : SRR2011TANK-01</u>			
Completion of bulk waste removal (BWR), heel removal, tank cleaning, transfer system isolation, and necessary modifications for tank grouting, demonstrates progress toward tank closure. Completion of BWR efforts are 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
SRR2011TANK-01.01	6/30/2011	\$2,650K	Complete efforts to remove the bulk of the waste from one of three old-style tanks (waste included saltcake, sludge solids and contaminated liquids) leaving only a residual waste heel. (Liquid may be subsequently introduced into the tank solely for the purposes of facilitating

			waste heel removal and tank cleaning activities unless otherwise authorized.)
SRR2011TANK-01.02	8/10/2011	\$ 750K	Complete Tank 18 isolation and modifications to receive grout.
SRR2011TANK-01.03	8/10/2011	\$ 750K	Complete Tank 19 isolation and modifications to receive grout.
SRR2011TANK-01.04	8/10/2011	\$1,000K	Complete Tank 5 mechanical, electrical, ventilation and transfer system isolation.
SRR2011TANK-01.05	8/10/2011	\$1,000K	Complete Tank 6 mechanical, electrical, ventilation and transfer system isolation.
SRR2011TANK-01.06	9/30/2011	\$1,220K	Complete efforts to remove the bulk of the waste from one of three old-style tanks (waste included saltcake, sludge solids and contaminated liquids) leaving only a residual waste heel. (Liquid may be subsequently introduced into the tank solely for the purposes of facilitating waste heel removal and tank cleaning activities unless otherwise authorized.)
SRR2011TANK-01.07	6/1/2011	\$ 500K	Complete efforts to remove the bulk of the waste from one of three old-style tanks (waste included saltcake, sludge solids and contaminated liquids) leaving only a residual waste heel. (Liquid may be subsequently introduced into the tank solely for the purposes of facilitating waste heel removal and tank cleaning activities unless otherwise authorized.)
<u>Contract Output : SRR2011TANK-02</u>			
Completion of large technical, one-of a kind documents to support closure decisions by DOE and external agencies.			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2011TANK-02.01	12/01/2010	\$ 500K	F Tank Farm 435.1 Tier I Closure Plan documentation submitted to DOE.

SRR2011TANK-02.02	2/10/2011	\$ 150K	F Tank Farm Industrial Wastewater General Closure Plan approved.
SRR2011TANK-02.03	3/31/2011	\$ 150K	Issuance of final H Tank Farm Performance Assessment, Rev 0.
SRR2011TANK-02.06	9/07/2011	\$ 200K	H Tank Farm Industrial Wastewater General Closure Plan, 2 nd Draft, submitted to DOE.
SRR2011TANK-02.08	5/24/2011	\$ 150K	Liquid Waste Tank Residuals Sampling and Analysis Program Plan submitted to SCDHEC for review.
SRR2011TANK-02.09	9/30/2011	\$ 100K	Interim Action Statement of Basis/Interim Action Proposed Plan submitted to SCDHEC and EPA for review.

Acceptance Criteria	
SRR2011TANK-01.01	<p>DOE-SR concurrence with presentation and underlying basis on Completion of Tank Bulk Waste Removal efforts demonstrating readiness to approach other agencies for concurrence to proceed to the heel removal phase of tank closure. Once bulk waste removal (BWR) is complete, the tank will not be used for receipt/storage of additional waste unless approved by DOE.</p> <p>Verification of cessation of BWR efforts through review of completed operating procedures and facility log entries and also field observations. Verification that associated documentation, including engineering evaluations confirming amount of salt cake, sludge solids and contaminated liquids in remaining heel constitutes a satisfactory quality product for acceptance of completion of bulk waste removal efforts.</p>
SRR2011TANK-01.02	Verification of Tank 18 system isolation and modifications completed and accepted by the Contracting Officer Representative. All A punch list items satisfactorily addressed.
SRR2011TANK-01.03	Verification of Tank 19 system isolation and modifications completed and accepted by the Contracting Officer Representative. All A punch list items satisfactorily addressed.

SRR2011TANK -01.04	Verification of Tank 5 mechanical, electrical, ventilation and transfer system isolation modifications completed and accepted by the Contracting Officer Representative. All A punch list items satisfactorily addressed.
SRR2011TANK -01.05	Verification of Tank 6 mechanical, electrical, ventilation and transfer system isolation modifications completed and accepted by the Contracting Officer Representative. All A punch list items satisfactorily addressed.
SRR2011TANK -01.06	DOE-SR concurrence with presentation and underlying basis on Completion of Tank Bulk Waste Removal efforts demonstrating readiness to approach other agencies for concurrence to proceed to the heel removal phase of tank closure. Once bulk waste removal (BWR) is complete, the tank will not be used for receipt/storage of additional waste unless approved by DOE. Verification of cessation of BWR efforts through review of completed operating procedures and facility log entries and also field observations. Verification that associated documentation, including engineering evaluations confirming amount of salt cake, sludge solids and contaminated liquids in remaining heel constitutes a satisfactory quality product for acceptance of completion of bulk waste removal efforts.
SRR2011TANK -01.07	DOE-SR concurrence with presentation and underlying basis on Completion of Tank Bulk Waste Removal efforts demonstrating readiness to approach other agencies for concurrence to proceed to the heel removal phase of tank closure. Once bulk waste removal (BWR) is complete, the tank will not be used for receipt/storage of additional waste unless approved by DOE.
SRR2011TANK -02.01	Verification of satisfactory quality product to facilitate acceptance.
SRR2011TANK -02.02	Verification that document reflects resolution of all comments (DOE, regulatory and public).
SRR2011TANK -02.03	Verification that H Tank Farm Performance Assessment, Rev 0 reflects resolution of all key findings from the DOE LFRG review.
SRR2011TANK -02.06	Verification that document reflects resolution of all DOE comments.

SRR2011TANK-02.08	Verification of satisfactory quality product and concurrence with submittal to SCDHEC.
SRR2011TANK-02.09	Verification of satisfactory quality product and concurrence with submittal to SCDHEC and EPA.



Performance Incentive Document

PBI Number:	SRR2011ARRA		
Activity Name:	AMWDP, Liquid Waste ARRA Workscope		
WBS Number:	01.RA.01, 01.RA.02, 01.RA.03		
Performance Period:	October 1, 2010 – September 30, 2011		
Allocated Fee:	\$ 4,370,000		
Revision Number:	1		
Senior level manager name:	Terry Spears, AMWDP		
Senior level supervisor/division manager name:	Jim Folk, Deputy AMWDP		
Performance Requirement:			
<p>Contract Section C – Statement of Work</p> <p>Contract Section H.50 (b) 1. Operationally close non-compliant tanks</p> <p>Contract Section H.50 (b) 2. Implement Enhanced Chemical Cleaning for liquid waste tank cleaning</p> <p>Contract Section H.50 (b) 8. Enable batch transfers of LLW to ETF.</p> <p>Contract Section H.50 (b) 9. De-couple and protect SWPF from being shutdown by a: (b) Saltstone Facility outage.</p>			
Contract Output : SRR2011ARRA			
<p>Implementation of the American Recovery and Reinvestment Act (ARRA) is a national priority and successful execution of ARRA-funded DOE workscope is likewise a Departmental priority. The ARRA-funded Liquid Waste workscope for FY2011 accomplishes work critical to the success of the Liquid Waste program and mission execution.</p>			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2011ARRA-01.01	8/31/2011	\$ 250K	Complete Tank 28 modifications.
SRR2011ARRA-01.02	9/30/2011	\$ 650K	Complete ETP waste receipt tank and Balance of Plant construction.

SRR2011ARRA-01.03	9/30/2011	\$1,000K	Complete fabrication & assembly of the Salt Solution Receipt Tanks (SSRTs) and submit SSRTs Chemical Hazards Analysis Controls.
SRR2011ARRA-01.04	9/30/2011	\$1,870K	Complete Tank 13 modifications.
SRR2011ARRA-01.05	6/30/2011	\$ 100K	Complete conceptual design of ECC Unit 2 and Balance of Plant for selected tank.
SRR2011ARRA-01.06	8/31/2011	\$ 250K	Complete Enhanced Chemical Cleaning (ECC) Real Waste test and Hazardous Simulant Test.
SRR2011ARRA-01.07	8/31/2011	\$ 250K	Complete Preliminary Design for ECC Unit 1.

Acceptance Criteria	
SRR2011ARRA-01.01	Verification of Tank 28 construction work completed and accepted by the Contracting Officer Representative. All A punch list items satisfactorily addressed.
SRR2011ARRA-01.02	Verification of ETP waste receipt tank and Balance of Plant construction work completed and accepted by the Contracting Officer Representative. All A punch list items satisfactorily addressed.
SRR2011ARRA-01.03	Assembly complete on two (2) SPF Salt Solution Receipt Tanks (SSRTs) and DOE acceptance of the SSRT Chemical Hazards Analysis Controls
SRR2011ARRA-01.04	Verification of Tank 13 modifications completed and accepted by the Contracting Officer Representative. All A punch list items satisfactorily addressed.
SRR2011ARRA-01.05	Verification of satisfactory quality product to facilitate acceptance.
SRR2011ARRA-01.06	Verification of Enhanced Chemical Cleaning (ECC) Real Waste testing and Hazardous Simulant testing completed and final report incorporating any DOE comments issued.
SRR2011ARRA-01.07	Verification of satisfactory quality product to facilitate acceptance.