

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 0360		3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) 1 1
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) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER REMEDIATION LLC Attn: Jeffrey J. Bair 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				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 <input type="checkbox"/> is not. <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> 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 July 1, 2015, through September 30, 2015.				
B. Section J, Appendix O, is revised to add Appendix O.8 - Fiscal Year 2015 4th Quarter 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 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print) Stuart A. MacVean President and Project Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Charlene Smith		
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 9/11/15	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 9/15/15	



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

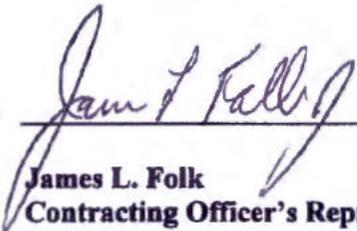
**PERFORMANCE EVALUATION AND
MEASUREMENT PLAN**

Revision 0

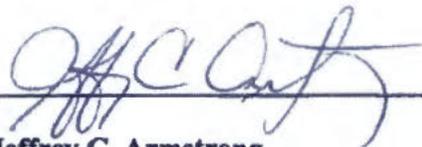
**Savannah River Remediation, LLC
CONTRACT NO. DE-AC09-09SR22505**

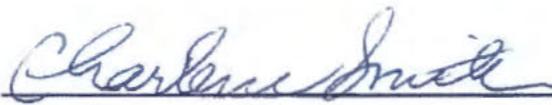
**Evaluation period:
July 1, 2015 through September 30, 2015**

Approval Page

Approval:  8/12/15
Date
James L. Folk
Contracting Officer's Representative
Acting Assistant Manager for Waste Disposition
DOE - Savannah River Operations Office

Approval:  8.12.15
Date
Office of Chief Counsel
DOE - Savannah River Operations Office

Approval:  8-10-15
Date
Jeffrey C. Armstrong
Director, Office of Acquisition Management
DOE - Savannah River Operations Office

Approval:  8/12/15
Date
Charlene Smith
Contracting Officer
DOE - Savannah River Operations Office

Approval:  8/12/15
Date
Jack R. Craig
Fee Determining Official
DOE - Savannah River Operations Office

Revision Summary Page

Rev. #	Rev. Date	Affected Sections / Pages	Description of Revision
0	8/10/2015	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 Salt Waste Processing Facility (SWPF) Line Item Project.

The PEMP addresses the process for determining earned fee through performance evaluation and measurement, including verifying completion documentation for technical adequacy. The PEMP process ensures evaluation and measurement of performance for accomplishment of the contract statement of work, end states and performance requirements. Performance expectations are documented in performance incentive documents 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 (AMWD) will lead an Integrated Project Team (IPT) created in accordance with the requirements of DOE O 413.3B, *Program and Project Management for the Acquisition of Capital Assets*. The IPT provides oversight of the Liquid Waste contract and monitors contract performance against performance baselines throughout contract execution, in order to satisfy mission need at Savannah River Site (SRS). The IPT is staffed and/or supported as needed by Subject Matter Experts (SMEs) as well as matrix support personnel who possess specific competencies and the skill and expertise required for successful evaluation of SRR performance.

The Office of Integration and Planning (OIP) 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 described in Savannah River Implementing Procedure (SRIP) 400, Chapter 412.1, *Performance Evaluation and Measurement*. 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.

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

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	\$28,500,000.00	\$1,425,000.00
	Multi-year - CAP Asset (Note 1)	4/17/2014	6/30/2015	\$ 1,500,000.00	N/A
	6	10/1/2014	6/30/2015	\$22,140,000.00	\$1,476,000.00 (Note 2)
Total, Basic				\$185,826,365.36	
Option 1	7	7/1/2015	9/30/2015	\$ 6,527,000.00 (Note 3)	\$945,400.00 (Note 4)
	8	10/1/2015	9/30/2016	TBD	
	9	10/1/2016	6/30/2017	TBD	
	Total, Option 1				\$ 51,971,205.00
Option 2	Evaluation Periods, Fee Allocation and Provisional Fee to be determined later				
	Total, Option 2				\$ 9,570,000.00
Total, Basic, Option 1 and Option 2				\$247,367,570.36	

* 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.

Note 1: The Capital Asset PEMP Addendum includes a Performance Incentive Document for duration of the SDU-6 Project that extends beyond the current Base and Option 1 Periods (until 11/30/2018) and has Activity Based Milestones totaling \$5.0M. The PEMP Addendum is fully implemented only for the Base Period and the Fee Allocation of \$1.5M is for Activity Based Milestones with Target Dates in the Base Period.

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

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

Note 3: Evaluation Period 7 includes a tentative amount of \$1,800,000 for fee associated with undefinitized scope (Modification 358). No fee shall be paid to the contractor for changed work, including provisional, prior to definitization of the change order.

Note 4: Evaluation Period 7 is a three month period. Therefore, for this period the Provisional Fee is calculated as follows:

$$\text{Provisional Fee per Month} = ((\$6,527,000 - \$1,800,000) \times 0.60) / (3) = \$945,400 \text{ per month.}$$

This amount could increase to \$1,305,400 per month after the change order is definitized. No fee shall be paid to the contractor for changed work, including provisional, prior to definitization of the change order.

Attachment B: Performance Incentive Documents



Performance Incentive Document

PBI Number:	SRR2015MGMT
Activity Name:	Program Management
WBS Number:	01.90.04
Performance Period:	July 1, 2015 - September 30, 2015
Allocated Fee: Base Fee Pool	\$783,000
Revision Number:	0
Senior level manager name:	Jim Folk, Acting AMWD
Senior level supervisor/division manager name:	Jean Ridley, Director, Waste Disposition Program Director (WDPD)
Performance Requirement:	

Contract Sections - All

Provide quality-driven program management as outlined in the contract, optimize Liquid Waste system performance, and perform approved scope at or below cost.

Contract Output: SRR2015MGMT-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 Defense Waste Processing Facility (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. Special focus areas of this performance period will be 1) the effectiveness of the contractor's cost controls and 2) 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 (SWPF) contractor, and other site contractors as specified in Section J, Appendix N of the contract.

This evaluation is supported by Special Emphasis Area (SEA) 1: Cost Control Clawback described in Attachment C.

GFSI:

The Target Dates and Completion Dates for the following Milestones are based on availability of the funds described by Letter, Smith to Bair, DE-AC09-09SR22505: Savannah River Remediation, LLC (SRR) Office of Environmental Management (EM) Revised Interim Fiscal Year (FY) 2015 Expected Funds, BD-15-0011, dated March 20, 2015. Further, the target dates and completion dates are based on SRS Site Infrastructure Services provided per SRR-approved schedules (e.g., steam, site access, etc.). Any change in the schedule for funds availability or SRS Site Services, including interruption caused by Continuing Resolution or other action, may result in renegotiation / revision to impacted milestones.

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria

SRR2015MGMT -01.01-02	9/30/2015	\$ 783K	Performance will be evaluated for the periods indicated. 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.
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Acceptance Criteria

SRR2015MGMT -01.01-02	Contractor will be subjectively measured against all aspects of Contract Output described above. This Contract Output will receive an adjectival grade and numerical score. In order to provide for consistency across the Complex, DOE-SR will use the five tier adjectival ratings and definitions set forth in FAR 16.4 described below.
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Award Fee Adjectival Rating (applies to SRR2015MGMT-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	1% to 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:	SRR2015TREAT		
Activity Name:	AMWD, Waste Treatment: DWPF, Saltstone		
WBS Number:	01.90.03, 01.90.07, 01.90.22		
Performance Period:	July 1, 2015 - September 30, 2015		
Allocated Fee:	\$2,194,000		
Revision Number:	0		
Senior level manager name:	Jim Folk, Acting AMWD		
Senior level supervisor/division manager name:	Jean Ridley, Director, WDPD		
Performance Requirement:			
Contract Section C – Statement of Work			
Contract Mod 358 Attachment 1 Section H.50 4.a. Produce 1,531 canisters at DWPF by the end of Option 1 of the contract.			
Contract Output: SRR2015TREAT-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.			
GFSI:			
The Target Dates and Completion Dates for the following Milestones are based on availability of the funds described by Letter, Smith to Bair, DE-AC09-09SR22505: Savannah River Remediation, LLC (SRR) Office of Environmental Management (EM) Revised Interim Fiscal Year (FY) 2015 Expected Funds, BD-15-00011, dated March 20, 2015. Further, the target dates and completion dates are based on SRS Site Infrastructure Services provided per SRR-approved schedules (e.g., steam, site access, etc.). Any change in the schedule for funds availability or SRS Site Services, including interruption caused by Continuing Resolution or other action, may result in renegotiation / revision to impacted milestones.			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria

SRR2015TREAT-01.01-02	10 canisters	\$ 150K	Produce 10 canisters in the period 7/1/2015– 9/30/2015 @ \$15K for each canister produced with a maximum available fee of \$150K.
SRR2015TREAT-01.04-03, -04	9/30/2015	\$ 100K \$ 200K	Improve operational reliability by replacing obsolete equipment including: -03 5 Moore Controllers @ \$20K each. -04 4 Fire Panels @ \$50K each. (Maximum Fee is \$300K.)
SRR2015TREAT-01.05-03	9/30/2015	\$ 150K	Procure replacement / spare equipment: -03 SME Coil.
SRR2015TREAT-01.07	9/30/2015	\$ 100K	Improve ventilation system reliability by replacing two Field Operating Station (FOS) HVAC systems @ \$50K each. (Maximum Fee is \$100K.)
SRR2015TREAT-01.08	9/30/2015	\$ 150K	Improve melter operation by installing design changes to convert spare melter feed pump to eductor pump.
SRR2015TREAT-01.11-06, -07, -08	9/30/2015	\$ 100K \$ 50K \$ 150K	Support SWPF startup: -06 Perform Soil sampling and identification of interferences to allow for the definitization of the Shoring design at 511S Low Point Pump Pit. -07 Develop, review and approve the SWPF West Transfer Tie-in Piping Flush Plan. -08 Complete excavation, installation of piping supports and fabrication of new transfer piping.
SRR2015TREAT-01.14-01	9/15/2015	\$ 200K	Provide additional storage capacity for DWPF Canisters in the existing GWSB#1 by implementing Canister Double Stack: Make the vendor award for 300 shield plugs and support plates.

Contract Output: SRR2015TREAT-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.			
SRR2015TREAT-02.01-02	544K gal	\$ 544K	Process up to 544K gallons of solution received from Tank 50 into grout @ \$1/gallon with a maximum available fee of \$544K.
SRR2015TREAT-02.03-02, -03	9/30/2015	\$ 100K \$ 50K	Improve Saltstone (SS) operational reliability by -02 Installing Vibrators on Dry Feed Chute above Mixer. -03 Installing backup Variable Frequency Drives (VFDs) for SS grout pump. (Maximum Fee is \$150K.)
SRR2015TREAT-02.09	9/30/2015	\$ 150K	Perform final Phase 3 testing on cement-free saltstone.

Acceptance Criteria	
SRR2015TREAT-01.01	-02 Verification that Canisters have been 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.
SRR2015TREAT-01.04	Verification of completed work packages and Operations Acceptance Checklist (OAC) for: -03 5 Moore Controllers. -04 4 Fire Panels.
SRR2015TREAT-01.05	Verification of receipt inspections for: -03 One SME coil.
SRR2015TREAT-01.07	Verification of completed work packages and OAC for FOS HVAC systems.
SRR2015TREAT-01.08	Verification of completed work package for: spare melter feed pump conversion to eductor pump.
SRR2015TREAT-01.11	Verification of: -06 Soil sampling report showing the make up of the soil borings

	-07 Approved Flush Plan issued to SWPF-DOE -08 Photographs of excavation with installed piping supports and fabricated transfer piping.
SRR2015TREAT-01.14-01	Verification of executed purchase order/subcontract
SRR2015TREAT-02.01	-02 Verification of total gallons processed through review of facility log entries and field observations.
SRR2015TREAT-02.03	Verification of completed work packages and OAC for: -02 Dry Feed Chute Vibrators. -03 Grout pump VFD.
SRR2015TREAT-02.09	Verification of SRR approved report, prepared in accordance with SRR procedures, containing final Phase 3 testing data sufficient to downselect the best formulation to use for implementation of cement free saltstone.



Performance Incentive Document

PBI Number:	SRR2015PREP
Activity Name:	AMWD, Sludge and Salt Batch Preparation/Processing/Support, ARP/MCU Operations, Tank 48 Treatment
WBS Number:	01.90.02, 01.90.20
Performance Period:	July 1, 2015 - September 30, 2015
Allocated Fee:	\$1,250,000
Revision Number:	0
Senior level manager name: Jim Folk, Acting AMWD	
Senior level supervisor/division manager name: Jean Ridley Director, WDPD	
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	
Contract Output : SRR2015PREP-01	
The preparation of sludge and salt waste batches for processing at waste treatment facilities is critical to support efficient and effective waste treatment facilities' operations, remove waste from the tank farms 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.	
GFSI:	
The Target Dates and Completion Dates for the following Milestones are based on availability of the funds described by Letter, Smith to Bair, DE-AC09-09SR22505: Savannah River Remediation, LLC (SRR) Office of Environmental Management (EM) Revised Interim Fiscal Year (FY) 2015 Expected Funds, BD-15-0011, dated March 20, 2015. Further, the target dates and completion dates are based on SRS Site Infrastructure Services provided per SRR-approved schedules (e.g., steam, site access, etc.). Any change in the schedule for funds availability or SRS Site Services, including interruption caused by Continuing Resolution or other action, may result in renegotiation / revision to impacted milestones.	

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2015PREP-01.01-04	Up to 100K gal from Tank 49 AND / OR Up to 500K gal of Additional Tank Space	\$ 200K	a) Process up to 100K gallons from Tank 49 @ \$2/gallon AND/OR b) After creating a minimum expectation of 300K gallons of tank space by operating of 2H/3H evaporators or by DWPF Beneficial Reuse, achieve Additional Tank Space (up to 500K gallons @ \$0.4 per gallon) OR c) a combination of a) and b) not to exceed \$200K (Maximum fee is \$200K.)
SRR2015PREP-01.03-04, -05	9/30/2015	\$ 150K \$ 200K	Improve Waste Tank Safety Significant / Safety Class (SS/SC) component reliability: -04: Replace up to 2 SS/SC Tank/Annulus components (ducts, stacks, stamp base motors) @ \$75K each -05: Replace up to 2 Purge Reheaters @ \$100K each
SRR2015PREP-01.06-04	9/30/2015	\$ 150K	Improve operability of Diversion Boxes, Pump Pits and Process Cells: -- 04: Restore ability to sample and pump the Catch Tank and remove the Temp Mod.
SRR2015PREP-01.08	9/30/2015	\$ 100K	Improve operability of DWPF Recycle Receipt System by providing 3 operable Mixer Pumps in Tank 22: a) Complete design activities associated with the Tank 22 North & Southwest Risers slurry pump electrical design b) Complete activities for Construction Task Readiness to relocate 1 slurry

			pump from Tank 7 to Tank 22
SRR2015PREP-01.10	9/15/2015	\$ 400K	Salt Batch 9 Compiled and Sampled @ \$0.50/gallon for each gallon compiled up to 800Kgal.
SRR2015PREP-01.11	9/15/2015	\$ 50K	Improve MCU Reliability: Fabricate spare "Flux" pump assemblies – Three pump sets of 2 each for SED-A, SED-O, DSSD-O (total of 6 pumps upgraded to replace "Lutz") Fab spare pump assemblies with camera/sampling port mods - Pump sets of 2 each for SSRT1, SSRT2, CDT, SHT (total of 8 pumps)

Acceptance Criteria	
SRR2015PREP-01.01	-04 Verification of total gallons processed through review of ARP/MCU operations morning report and / or Verification of total gallons removed from evaporator system tanks and total gallons of DWPF recycle used for salt dissolution or salt batch makeup through review of LW operations morning report.
SRR2015PREP-01.03	Verification of: -04 Replacement and operation of up to 2 SS/SC Tank/Annulus components (ducts, stacks, stamp base motors) based on review of completed work control document -05 Replacement and operation of up to 2 Purge Reheaters based on review of operating roundsheets.
SRR2015PREP-01.06	Verification of: -04 Installation and operation of an H Catch Tank Sampling system based on review of completed OAC.
SRR2015PREP-01.08	Verification of a) DCP # E-DCP-H-14015 submitted to document control b) Tank 7 Slurry Pump Removal Work Package is approved for 1 slurry pump Tank 7 Containment hut is installed for 1 slurry pump Tank 22 Slurry Pump Installation Work Package is approved for 1 slurry pump

	Tank 22 Containment hut is installed for 1 slurry pump.
;SRR2015PREP-01.10	Verification of: a) SRR-approved recipe for the salt batch; b) records of the salt batch volume composited by transfer of salt solution into the salt batch prep tank, by review of facility logs; and c) qualification samples delivered to SRNL.
SRR2015PREP-01.11	Verification of completed work packages for pump assembly fabrication.

Performance Incentive Document



PBI Number:	SRR2015TANK
Activity Name:	AMWD, Waste Removal & Tank Closure
WBS Number:	01.90.01
Performance Period:	July 1, 2015 - September 30, 2015
Allocated Fee:	\$2,200,000
Revision Number:	0
Senior level manager name: Jim Folk, Acting AMWD	
Senior level supervisor/division manager name: Jean Ridley Director, WDPD	
Performance Requirement:	
Contract Section C – Statement of Work Contract Mod 358 Attachment 1, Section H.50 1.b. The Contractor will operationally close 2 old style tanks.	
<u>Contract Output : SRR2015TANK-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 Federal Facility Agreement (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.	
<u>GFSI:</u>	
The Target Dates and Completion Dates for the following Milestones are based on availability of the funds described by Letter, Smith to Bair, DE-AC09-09SR22505: Savannah River Remediation, LLC (SRR) Office of Environmental Management (EM) Revised Interim Fiscal Year (FY) 2015 Expected Funds, BD-15-0011, dated March 20, 2015. Further, the target dates and completion dates are based on SRS Site Infrastructure Services provided per SRR-approved schedules (e.g., steam, site access, etc.). Any change in the schedule for funds availability or SRS Site Services, including interruption caused by Continuing Resolution or other action, may result in renegotiation / revision to impacted milestones.	

Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2015TANK-01.01-05	9/30/2015	\$ 1,000K	-05 Optimize physical completion of Tank 16 Closure by completing first of a kind grouting of Type II High Level Waste Tank 16 including annulus, cooling coils, primary tank, and risers in accordance with approved Closure Module.
SRR2015TANK-01.02-04, -05 Note: No fee shall be paid to the contractor for changed work, including provisional, prior to definitization of the change order.	9/15/2015	\$ 450K \$ 500K	-04 Complete Tank 12 analyses and documentation: Complete sample analysis -05 Complete Initial Tank 12 Grout Preps (Complete installation of grout plates, Complete installation of riser and equipment fill nozzles, Install slick lines, Install Ventilation in place)
SRR2015TANK-01.04-02 Note: No fee shall be paid to the contractor for changed work, including provisional, prior to definitization of the change order.	9/15/2015	\$ 250K	Complete major field activities to support future sludge removal: -Completion of the second riser Dismantle and Removal (D&R) work package and insertion of second Commercial Submersible Mixer Pump (CSMP) into Tank 26.

Acceptance Criteria	
SRR2015TANK-01.01	-05 Verification of grouting completion in accordance with approved work packages and per approved Closure Module.
SRR2015TANK-01.02	-04 Verification of SRR approved Tank 12 sample analysis report. -05 Identified tasks are shown as complete in the Work Package (not closed as the WP will remain open)
SRR2015TANK-	-02 Verification of Tank 26 riser D&R work package and the second CSMP

01.04	insertion work package accepted by Operations and field inspection of the mechanical installation.
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Performance Incentive Document

PBI Number:	SRR2015SWPFLIS		
Activity Name:	AMWD, SWPF Line Item Support		
WBS Number:	01.90.03.21.01		
Performance Period:	July 1, 2015 - September 30, 2015		
Allocated Fee:	\$100,000.00		
Revision Number:	0		
Senior level manager name:	Pamela Marks, 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: SRR2015SWPFLIS-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.			
GFSI:			
The Target Dates and Completion Dates for the following Milestones are based on availability of the funds described by Letter, Smith to Bair, DE-AC09-09SR22505: Savannah River Remediation, LLC (SRR) Office of Environmental Management (EM) Revised Interim Fiscal Year (FY) 2015 Expected Funds, BD-15-0011, dated March 20, 2015. Further, the target dates and completion dates are based on SRS Site Infrastructure Services provided per SRR-approved schedules (e.g., steam, site access, etc.). Any change in the schedule for funds availability or SRS Site Services, including interruption caused by Continuing Resolution or other action, may result in renegotiation / revision to impacted milestones.			
Number	Exact date, periodicity, frequency, quantity	Fee	Completion Criteria
SRR2015SWPFLIS-01.04 Note: No fee shall	09/15/2015	\$ 100K	Complete Viscosity and Density analysis on all 50 glass samples.

be paid to the contractor for changed work, including provisional, prior to definitization of the change order.			
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Acceptance Criteria	
SRR2015SWPFLIS-01.04	Verification of acceptable quality and completeness of SRR approved reports for Viscosity and Density measurements.

Attachment C: Special Emphasis Areas



Cost Control

SEA	SEA1: Cost Control Clawback
Revision Number:	0
Senior level manager name: Jim Folk, Acting AMWD	
Senior level supervisor/division manager name: Jean Ridley, Director, Waste Disposition Program Director (WDPD)	
Performance Requirement:	
Contract Output: SRR2015SEA1-02	
<p>Desired Outcome: Contractor's execution cost for selected approved work scopes is within acceptable range of target cost determined at the beginning of the period and demonstrates cost effective work execution.</p> <p>Areas of Focus include: Contractor's Estimate to Complete (ETC) at initiation of the evaluation period and Monthly Actual Cost Reports from COBRA, the cost processor for the Contractor's Certified EVMS.</p> <p>Cost Performance: DOE will evaluate the Contractor's cost performance based upon Contractor's actual incurred costs compared to the forecast costs for specific milestones to be completed during the evaluation period. DOE will rely on objective cost performance criteria to evaluate the Contractor's performance, which includes:</p> <ul style="list-style-type: none"> a) Cost Control – Contractor maintains cost control including but not limited to actual costs incurred to complete selected milestones are equal to or less than the forecast cost, plus an appropriate risk contingency based on the scope and complexity of the work to be performed. b) Schedule Control – Contractor maintains a schedule that satisfies the performance requirement for the subject milestones, and is reflective of actual schedule performance, problem identification, and corrective action plans. c) Variances – Contractor is expected to promptly take corrective action on negative cost and schedule variances. Negative variances are not expected to build but instead to be avoided or mitigated effectively and with sound business practices. 	
This Cost Control evaluation is implemented in parallel with the Program Management Award Fee	

evaluation. The Cost Control evaluation <ul style="list-style-type: none"> • Is effectively a “claw back” determination based on cost performance • Will be applied to selected PBIs independently from the Milestone Completion validation and fee recommendation to the Fee Board for each selected PBI Milestone 		
Determination of Fee at Risk: Milestones representing a minimum of 15% of the Available Award Fee allocated or projected for the period of FY 2015 shall be designated as subject to the Cost Control Clawback evaluation.		
Total FY 2015 Fee Allocated / Forecast	\$30,167,000	
PEMP 10/1/14 – 6/30/15	Award Fee Allocation	\$22,140,000
PEMP 7/1/15 – 9/30/15	Award Fee Allocation	\$6,527,000
SDU 6 Activity Based Milestones	Forecast to Complete in FY 2015	\$1,500,000
Minimum Fee at Risk (15% of Total Fee Pool)	\$4,525,050	
PEMP 10/1/14 – 6/30/15	Select PBIs totaling no less than:	\$2,250,000
PEMP 7/1/15 – 9/30/15	Select PBIs totaling no less than:	\$1,000,000
SDU 6 Activity Based Milestones	Forecast to Complete in FY 2015	\$1,500,000
NOTE: SDU 6 Activity Based Milestones are subject to a Cost Control Incentive / Clawback per the terms of the SDU 6 PEMP Addendum. (attached)		

For the Evaluation Period 7/1/2015 – 9/30/2015, the following PBI Milestone is designated for application of the Cost Control Special Emphasis Evaluation:				
Number	Completion Criteria	Evaluation Method	Award Price (AP) or Estimate to Complete (ETC)	Maximum Fee At Risk
SRR2015TANK-01.01-05	Optimize physical completion of Tank 16 Closure by completing first of a kind grouting of Type II High Level Waste Tank 16 including	Supply Chain Management Effectiveness (Method 2)	AP = \$117 per cubic yard of grout	\$ 1,000K

	annulus, cooling coils, primary tank, and risers in accordance with approved Closure Module.		TEC, CUM = \$ 22,439,111	
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If actual costs exceed Award Price (AP) or Estimate to Complete (ETC), plus an appropriate contingency based on the scope and complexity of the work to be performed, earned fee for the subject milestone will be forfeited based on the formulas below:

- Method 1 - Delivery of operations activity work scope for selected PBIs by indexing final fee awarded for the PBI to execution cost (AC – Actual Cost) compared to the FY Estimate to Complete (ETC) plus a contingency of 10%, based on risks associated with “as found” field conditions, integration with ongoing high hazard operations, tie-ins to high hazard facilities, etc., for the activity using the formula:

$$\text{CLAWBACK \%} = [(AC - 1.1 * ETC) / ETC] * 1.1111$$

- Method 2 - Supply Chain Management for selected PBIs by indexing final fee awarded for the PBI to procurement cost (FC - Paid Purchase Order Report) compared to the Award Price (AP - Purchase Order Awarded Price), including all authorized pre-negotiated adjustments (e.g., option pricing, economic adjustments, etc.) plus a contingency of 2.5%, based on risks of market fluctuations of availability and cost of raw materials, opportunity for acceleration of delivery to benefit the program, etc., and excluding cost of shipping using the formula:

$$\text{CLAWBACK \%} = [(FC - 1.025 * AP) / AP] * 1.0256$$

Notes:

1. Operating activity FY ETC based on best available EV work plans and cost forecasts for pre-identified work packages. Contingency (10%) based on risks associated with “as found” field conditions, integration with ongoing high hazard operations, tie-ins to high hazard facilities, etc. Operating activity Total Estimated Cost (TEC) CUM are SRR costs (Direct and Burdened) for the subject Operations Activities. Costs are the sum of actual costs since contract start (7/1/2009) through FY2014 plus forecast costs for FY2015 as reported in the cost processor for the SRR certified EVMS.
2. Specific procurements to be evaluated will be determined within 30 days of approval of the PEMP.
3. Determination of Award Price reasonableness is made by SRR in accordance with the DOE-SR approved procurement systems. Contingency (2.5%) based on risks of market fluctuations of availability and cost of raw materials, opportunity for acceleration of delivery to benefit the program, etc.
4. Active Procurements may be renegotiated, with the concurrence of the COR, if there is demonstrated benefit to the Liquid Waste Program. In such cases, the revised Award Price will be applied in the Performance Measurement for Cost Control.
- 5.

Acronym List

AMWD	Assistant Manager for Waste Disposition
ARP	Actinide Removal Process
BCWS	Budgeted Cost of Work Scheduled
BWR	Bulk Waste Removal
CDMC	Contact Decontamination Maintenance Cell
CO	DOE Contracting Officer
COR	Contracting Officer Representative
CP	Conductivity Probe
CPARS	Contractor Performance Assessment Reporting System
CSMP	Commercial Submersible Mixer Pump
D&R	Dismantle and Remove
DB	Diversion Box
DEAR	Department of Energy Acquisition Regulation
DOE	U.S. Department of Energy
DSA	Documented Safety Analysis
DWPF	Defense Waste Processing Facility
EM	Office of Environmental Management
EMM	Electro Mechanical Manipulator
ETP	Effluent Treatment Plant
FDO	Fee Determining Official
FFA	Federal Facility Agreement
FPD	Federal Project Director
FY	Fiscal Year
GFS/I	Government Furnished Services and Items
HCA	Head Contracting Activity
HLLCP	High Liquid Level Conductivity Probe
HTF	H-Area Tank Farm
IAL	Interarea Transfer Line
IPL	Integrated Priority List
IPT	Integrated Project Team
ISMS	Integrated Safety Management System
LDB	Leak Detection Box
LW	Liquid Waste
LWSP	Liquid Waste System Plan
MCU	Modular CSSX (Caustic Side Solvent Extraction) Unit
MPC	Main Process Cell
NDAA	National Defense Authorization Act
NRC	Nuclear Regulatory Commission
OAC	Operations Acceptance Checklist
OIP	Office of Integration and Planning
OPC	Other Project Cost

PA	Performance Assessment
PARC	Performance Assessment Review Committee
PBI	Performance Based Incentive
PCHA	Preliminary Consolidated Hazards Analysis
PEMP	Performance Evaluation and Measurement Plan
PMT	Post Maintenance Test
PP	Pump Pit
PT	Pump Tank
R&D	Research and Development
RAI	Request for Additional Information
SA	Special Analysis
SDF	Saltstone Disposal Facility
SDU	Saltstone Disposal Unit
SEFT	Strip Effluent Feed Tank
SME	Slurry Mix Evaporator
SME	Subject Matter Expert
SOT	System Operations Test
SOW	Statement of Work
SRIP	Savannah River Implementing Procedure
SRM	Savannah River Manual
SRNL	Savannah River National Laboratory
SRR	Savannah River Remediation LLC
SRS	Savannah River Site
SS	Saltstone
SS/SC	Safety Significant / Safety Class
SSRT	Salt Solution Receipt Tank
SWPF	Salt Waste Processing Facility
TiO2	Titanium Dioxide
TTP	Technical Task Plan
UWMQE	Unreviewed Waste Management Question Evaluation
VFD	Variable Frequency Drive
VSL	Vitreous State Laboratory
WAC	Waste Acceptance Criteria
WDPD	Waste Disposition Program Director