

Fiscal Year (FY) 2019-2020 Extension 4 Fee Determination Scorecard

Contractor: Savannah River Remediation, LLC (SRR)

Contract: DE-AC09-09SR22505

Award Period: April 1, 2019 – September 30, 2020

Basis of Evaluation: Performance Evaluation Measurement Plan (PEMP) for FY 2019-2020 Extension 4

The FY 2019-2020 PEMP for this contract is available at: <https://srcontracts.srs.gov/>

Award Fee Scorecard:

Subjective Fee (Award Fee) Summary Table

Criteria	Maximum Available Fee	Adjectival Rating	Fee Determined from Adjectival Ratings	
			Percentage	Fee amount
Contractor will be subjectively measured against all aspects of Contract Output described in the PEMP.	\$10,233,419	Very Good	90%	\$9,210,077

Achievements:

- Completion of regulatory actions and commitments related to:
 - Tank 10 Bulk Waste Removal Completion and processing of salt waste thru TCCR-Unit 1
 - F Tank Farm Deactivation Plan Submittal
 - Interim Closure Strategy for Saltstone Disposal Unit 4
 - Cessation of Waste Removal activities in F-Tank Farm Diversion Boxes 5 and 6
 - Issuance of the 2020 Saltstone Disposal Facility Performance Assessment resolving long standing Nuclear Regulatory Commission (NRC) issues
 - Treatment and Disposal of DWPF Recycle waste at an offsite commercial disposal facility

- Implementation of the eWAC (Electronic Waste Acceptance Criteria) to reduce the time required to qualify salt batches and reduce human error scenarios associated with transcription of data. The eWAC software will reduce qualification time from 5 to 1.5 months (6 weeks).

- Continued preparation of Liquid Waste facilities for the increased demands anticipated with the start-up of the Salt Waste Processing Facility (SWPF):
 - Suspended ARP/MCU operations and completed physical tie-ins between SWPF and the Liquid Waste System.
 - Completed the Liquid Waste/SWPF Integration Safety Basis Implementation in DWPF, Tank Farms and Saltstone Facilities.
 - Completed Saltstone Production Facility (SPF) Enhanced Low Activity Waste Disposal (ELAWD) project activities.
 - Increased salt and sludge removal equipment installation activities necessary to ensure adequate feed materials after SWPF begins radioactive operations.

- Proactively hired and trained personnel to replace workforce losses due to attrition and to staff the addition shift personnel needed to support safe, reliable and cost-effective operation of Liquid Waste Facilities.
- Continued to make good progress on the design, site preparation, and construction of Saltstone Disposal Units (SDUs) 7, 8/9, and 10-12.
- Proactive and aggressive response to the COVID-19 pandemic to implement measures reducing worker health risk and minimizing impacts to the Liquid Waste mission. Effectively managed the suspension and subsequent resumption of site activities not considered to Essential Mission-Critical.

Areas for Improvement:

- Lockout/Tagout (LOTO) and other Conduct-of-Operations related issues
- Worker safety incidents
- Tank Farm hoisting, rigging concerns

Objective Fee (Performance Based Incentives [PBI]) Criteria Summary Table

Metric	Title	Maximum Available Fee	Fee Earned
1	SRR2020SWPF-1.01: COMPLETE INTEGRATED LIQUID WASTE (LW) OPERATIONS PREPARATION SCOPES NECESSARY TO DEMONSTRATE READINESS TO INITIATE SALT WASTE PROCESSING FACILITY (SWPF) OPERATIONS. Perform defined SWPF Integration work scope within the LW operational facilities necessary to support SWPF operational readiness. Key scope includes, but is not limited to, field execution activities including final tie-ins between SWPF and existing Liquid Waste operational facilities; operational activities (e.g., facility modifications, safety basis updates, training and procedures); and readiness assessments.	\$18,000,000	\$18,000,000
2	SRR2020SWPF-1.02: COMPLETE SALT BATCH PREPARATION AND QUALIFICATION TO SUPPORT SUFFICIENT SALT FEED FOR SWPF OPERATIONS AS PLANNED. Complete salt batch preparation essential to the overall throughput of the Liquid Waste System ensuring feed is available to support SWPF initial and sustained operations	\$5,720,000	\$5,720,000
3	SRR2020SWPF-1.03: COMPLETE SLUDGE BATCH PREPARATION AND QUALIFICATION TO SUPPORT SUFFICIENT SLUDGE FEED FOR DWPF TO SUPPORT SWPF OPERATIONS AS PLANNED. Complete sludge batch preparation essential to the overall throughput of the Liquid Waste System ensuring feed is available to support SWPF initial and sustained operations	\$2,350,000	\$2,350,000

Metric	Title	Maximum Available Fee	Fee Earned
4	SRR2020SWPF-1.04: COMPLETE ACTINIDE REMOVAL PROCESS (ARP)/MODULAR CAUSTIC SIDE SOLVENT EXTRACTION (MCU) OPERATIONS AND PLACE FACILITIES IN SUSPENDED OPERATIONS. Perform ARP/MCU operations until SWPF Tie-in, perform process flushes at ARP and MCU, and perform all necessary activities required to place the facilities in suspended operations.	\$1,450,000	\$1,450,000
5	SRR2020SWPF-1.05: COMPLETE DWPF AND SALTSTONE MODIFICATIONS TO SUPPORT SWPF SUSTAINED OPERATIONS AS PLANNED. Perform key DWPF and Saltstone Processing Facility (SPF) modifications supporting processing at future planned rates and increased radiological concentrations. Perform canister storage initiatives necessary to sustain planned canister production.	\$6,688,903	\$6,588,903
6	SRR2020SWPF-1.06: COMPLETE SALTSTONE DISPOSAL UNIT (SDU) 7, 8 & 9 CRITICAL PATH ACTIVITIES SUPPORTING SWPF OPERATIONS AS PLANNED. Perform SDU 7 construction critical path activities necessary to support the current operational need date of Fiscal Year (FY) 2021 and SDU 8 & 9 construction critical path activities necessary to support the current operational need date of FY2023 for SDU 8 and FY2024 for SDU 9.	\$6,400,000	\$6,400,000
7	SRR2020REG-1.01: Develop Regulatory Requirements and Process Documentation That Advance Tank 10 Cleaning Initiatives to Meet Regulatory Commitments and in Support of Future Tank Closure. Complete key activities at Tank 10 and prepare associated documentation that support waste removal, waste processing and tank closure regulatory milestones.	\$2,000,000	\$2,000,000
8	SRR2020REG-1.02: Develop Regulatory Requirements and Process Documentation That Advance Tank 9 Cleaning Initiatives to Meet Regulatory Commitments and in Support of Future Tank Closure. Complete key activities at Tank 9 and prepare associated documentation that support waste removal, waste processing and tank closure regulatory milestones.	\$1,950,000	\$1,950,000
9	SRR2020REG-1.03: Develop Regulatory Requirements and Process Documentation Advancing Priority End-State Initiatives. Complete key regulatory and planning scope and documentation enabling the timely operational closure of waste tanks and ancillary structures, and the continued disposal of salt waste consistent with existing regulatory commitments, agreements and expectations.	\$4,750,000	\$4,750,000

Metric	Title	Maximum Available Fee	Fee Earned
10	<p>SRR2020INFRA-1.01: PERFORM KEY INFRASTRUCTURE AND CRITICAL SPARE PROCUREMENT SCOPE FOR LONG TERM RELIABLE OPERATIONS AT DWPF, SPF AND THE TANK FARMS TO SUPPORT SWPF SUSTAINED OPERATIONS AS PLANNED.</p> <p>Perform prioritized scope that improves the overall reliability of the Liquid Waste system to support SWPF processing at desired throughput.</p>	\$5,542,000	\$5,542,000
Totals		\$54,850,903	\$54,750,903

Overall (Subjective and Objective) Fee Earned

PEMP Fee Type	Fee Amount/Range	Percent of Maximum Available Fee
Objective Criteria (PBI) Fee Earned	\$54,750,903	99.82%
Subjective Criteria Award Fee Earned	\$9,210,077	90%
TOTAL FEE EARNED	\$63,960,980	98.27%