Contractor: Bechtel National, Inc.

Contract: Waste Treatment and Immobilization Plant

Contract Number: DE-AC27-01RV14136

Award Fee Period: January 1 to December 31, 2021

Basis of Evaluation: Calendar Year 2021 Award Fee, Performance Evaluation, and Measurement Plan.

Award Fee Scorecard:

Bechtel National, Inc. (BNI) has earned an award fee of $5,797,713 for the performance period of January 1 to December 31, 2021. The fee awarded to BNI is 73.6% of the $7,872,603 award fee available. BNI's performance was evaluated against six criteria. BNI received one "excellent," one "very good," and four "good" performance ratings for those criteria, and an overall performance rating of "good."

Subjective Fee (Award Fee) Criteria Summary.

Award Fee Objective	Maximum Available Fee	Adjectival Rating	Fee Determined from Adjectival Ratings	
			Percentage	Fee Amount
1.0 Project Performance	$2,000,000	Good	72%	$1,440,000
2.0 Environmental, Safety, Health, and Quality Assurance	$2,000,000	Good	69%	$1,518,000
3.0 Direct-Feed Low-Activity Waste Integration	$272,603	Very Good	85%	$316,713
4.0 DFLAW Engineering and Construction	$1,000,000	Good	65%	$130,000
5.0 Startup, Commissioning, Plant Management, and Operational Culture	$2,200,000	Good	75%	$2,025,000
6.0 High-Level Waste Facility	$400,000	Excellent	92%	$368,000
Total	$7,872,603	Good	73.6%[1]	$5,797,713[1]

Achievements:

- Updated the project performance baseline to address recommendations from the Earned Value Management System surveillance and the Integrated Baseline review
- Completed startup testing and transition of systems to commissioning in the Low-Activity Waste (LAW) Facility and Effluent Management Facility
- Successfully performed the loss of offsite power test and initiated feed line testing at the Direct-Feed Low-Activity Waste facilities

- Effectively integrated field needs with telework throughout the COVID-19 pandemic to support the mission needs in the schedule
- Completed training and qualification for all four shifts of commissioning technicians
- Implemented and maintained an effective quality assurance (QA) program as the project transitioned from construction, through startup, and to commissioning
- Continued to strengthen the nuclear safety quality culture to support progress towards operations and completed two software QA reviews to validate that QA requirements continue to be met
- Managed the permitting requirements and received approval from Washington State on permit change notices and updates for the Analytical Laboratory, LAW Facility, Effluent Management Facility, Balance of Facilities and site instrumentation

Areas for Improvement:

- Continue emphasis on safely achieving forecasted schedule objectives for activities and deliverables
- Improve command and control between plant management and commissioning
- Ensure that support programs (maintenance, engineering, work control, etc.) are developed and implemented in advance of need dates during the commissioning phase to mitigate schedule risk
- Anticipate changes in maintenance and staffing requirements and implement actions to mitigate in a timely manner
- Ensure the configuration control program supports commissioning and the transition to operations