Contractor: Bechtel National, Inc.

Contract: Waste Treatment and Immobilization Plant

Contract Number: DE-AC27-01RV14136

Award Fee Period: January 1 to December 31, 2023

Basis of Evaluation: Calendar Year 2023 Award Fee which is available at here.

Award Fee Scorecard:

Bechtel National, Inc. (BNI) has earned an award fee of $9,499,560 for the performance period of January 1 to December 31, 2023 for the work on the High Level Waste (HLW) Facility portion of the Waste Treatment and Immobilization Plant. The fee awarded to BNI is approximately 92.1 percent of the $10,320,000 award fee available. BNI's performance was evaluated against seven criteria. BNI received four "excellent" and three "good" performance ratings for those criteria and an overall performance rating of "excellence."

Subjective Fee (Award Fee) Criteria Summary.

Award Fee Objective	Maximum Available Fee	Adjectival Rating	Fee Determined from Adjectival Ratings	
			Percentage	Fee Amount
1.0 HLW Facility Execution Approach Changes	$1,548,000	Excellent	95%	$1,470,600
2.0 HLW Facility De-Risking Activities in support of the Design Completion Period	$1,548,000	Excellent	92%	$1,424,160
3.0 HLW Facility Design and Nuclear Safety	$1,238,400	Excellent	95%	$1,176,480
4.0 HLW Facility Procurement	$619,200	Good	70%	$433,440
5.0 HLW Facility Construction	$619,200	Good	70%	$433,440
6.0 HLW Facility Cost/Schedule Performance	$619,200	Good	70%	$433,440
7.0 CY 2023 EPC Completion Objectives	$4,128,000	Excellent	100%	$4,128,000
Total	$10,320,000	Excellent	92%	$9,499,560

Achievements:

- Established a strong and highly experienced senior HLW Project leadership team and has made significant progress in establishing corporate partnerships to leverage broader industry expertise for completion of the HLW Facility design.

- Initiated deployment of a fully integrated, multi-functional, integrated team of qualified and experienced personnel including engineering, nuclear safety, procurement, construction, startup, commissioning, and operations.
- Established and began implementing the testing, operations, and maintenance teams to integrate an operations perspective early in the design processes.
- Established testing, operations, and maintenance teams for design integration and secured the services of leading industry experts in operations to lead the initiative.
- Completed a comprehensive update to the HLW Facility code of record; *Preliminary Documented Safety Analysis to Support Construction Authorization: HLW Facility Specific Information*, Rev. 12 to support construction authorization; and *Safety Design Strategy for the High-Level Waste Facility*, ahead of schedule.
- Integrated HLW code of record updates into procurement specifications to ensure procurements align with components and equipment available in the current marketplace.
- Began implementing improved procurement processes to better define scope and quantities needed to complete the HLW Facility design and progress low risk construction.

Areas for Improvement:

- The efficiency and timeliness of the procurement process for plant equipment, plant material, and construction subcontracts.
- The timeliness of construction material awards and resolution of field changes to support schedule achievement for planned construction activities.
- The oversight and execution of safety training of new construction workforce.
- Project management Earned Value Management System tools and scheduling to facilitate successful execution of the project. While progress has been evident, additional work is needed to realize further improvements.