

**PBI-6**

**Performance Based Incentive (PBI) Title: Maintain Operability and Integrity of Tank Farm Systems**

**Performance Fee available and assigned to this PBI: \$1,200,000**

<b>ORP Assistant Manager:</b>	<b>ORP POC:</b>	<b>CH2M Manager:</b>	<b>CH2M POC:</b>
T. Smith	D. Noyes	V. Pizzuto	V Pizzuto

**Desired Endpoint/Outcome**

The Double-Shell Tank (DST) storage, transfer, ancillary systems, and facilities will be ready to support the ongoing retrievals and be maintained to support future Waste Treatment and Immobilization Plant (WTP) and supplemental treatment systems operations in support of the closure mission.

**Fee Payment Schedule**

Upon completion of each fee bearing milestone set forth herein, Contractor will be paid either provisional fee or incremental fee, in accordance with Contract Clause H.2, "Provisional and Incremental Payments of Fee." Whether a milestone entitles Contractor to provisional fee or incremental fee is set forth in the milestone discussions contained herein.

**Fee Bearing Milestones**

1. Complete Transfer System Integrity Assessment including valve pits, and transfer lines. The Contractor shall earn \$200,000 of incremental fee at the completion of milestones a, and b, below.
  - a. Complete AP Valve Pit and AP-02D Pit. Complete Integrity Assessment, Painting and Inspection. Issue Pit Integrity Report. (i.e., same as W-314 pit work, approximately 4X typical pit for AP Valve Pit).
  - b. Pressure Test 18 Transfer Line Encasements including transfer line SN-261 (i.e. Transfer line from AW-101 to AW-A valve pit. Completion documented by transmittal of a letter to ecology.
2. Complete Double Shell Tank (DST) Integrity Testing including DST Ultrasonic Testing (UT), and Video Examination (VE). Complete UT and VE of three DSTs (AN-107, AY-102, and AW-103) in accordance with TPA Milestone M-48-15. The Contractor shall earn \$300,000 of incremental fee at the completion of testing.
3. Assure integrity of DSTs by managing effective chemistry control programs through lab testing, in-tank application of corrosion probes, and caustic additions to maintain waste within corrosion control specifications. The Contractor shall earn \$100,000 of incremental fee at the completion of milestones a, b, and c, below.
  - a. Complete applicable corrosion control lab testing for AN-107 chemistry optimization.
  - b. Design, procure, and install and test multifunction corrosion probe for replacing an existing probe in tank AN-107. Completion documented at the end will certify installation.
  - c. Upgrade AN-102 caustic mixing system (i.e., electrical and instrumentation) to support completion of TSR recovery actions scheduled for FY-07.

4. Complete development of and maintain the Cross Site Transfer Line (CST). Complete upgrades required to support cross-site transfer (SY-101 to AP-107) and support transfer from SY-102 to SY-101. The Contractor shall earn \$200,000 of incremental fee at the completion of milestones a, b, and c, below.
  - a. Perform leak checks in the following pits to support transfers AN106 to AW106 and cross site transfer: AN-A, AN-01-A Pump Pit, AZ-Valve Pit, AP-02-D Pit, and AP-02-A Pit
  - b. Perform pressure test on SN-285 (SY-102 to SY-A Valve Pit) in support of cross site transfer.
  - c. Perform one cross-site transfer from SY-101 to AP farm and a transfer from SY-102 to SY-101 prior to June 1, 2006 and provide total volumes transferred into east area DST system. At the completion of the SY-102 transfer there shall be less than 210 inches of waste in SY-102.
5. Operate the evaporator as a key component of the transfer and treatment system for tank farms. The Contractor shall earn \$400,000 of incremental fee at the completion of milestones a, b, and c, below.
  - a. Complete training and certification to qualify operators on evaporator operations.
  - b. Complete a cold facility run to maintain facility readiness for operations.
  - c. Complete a hot facility run to process the maximum amount of waste allowed by the parameters determined by process engineering.