

FY 2001 - 2006 PERFORMANCE BASED INCENTIVE**SECTION 1
General Information**

Title: Tank Farm – Closure Support

Project Baseline Summary (PBS): TW011

Work Breakdown Structure (WBS): 5.05.01.01.01

Maximum Available Incentive Fee: *6.4 percent of total available FY 2001 – 2006 incentive fee pool*

Type: Stretch

**SECTION 2
Technical Contacts***ORP Point of Contact: J. Swailes/J. Cruz**Contractor Point of Contact: R. Dodd***SECTION 3
Performance Expectations and Earning Schedule****General:**

1. The Contractor's final fee will be determined in accordance with clause H.1, Performance Based Incentives and Fee Distribution.
2. Performance Based Incentives (PI) may be modified to reflect changes to the project baseline resulting from external drivers, such as, submission and approval of TPA change requests for consistency purposes.
3. Acceptable product completion represents technical adequacy and good value to the government.
4. This PI was based upon a previously negotiated and/or approved PI for FY 2001. Previously approved PIs were deleted upon entering into the contract extension.

Specific Requirements:

1. Complete and submit to ORP a draft update to the Single Shell Tank (SST) Closure Work Plan by August 30, 2001. Tank Closure Work Plan will include lessons learned from vadose zone RCRA Facility Investigation (RFI)/CMS and groundwater monitoring, regulatory uncertainties associated with retrieval and closure, C-106 retrieval path forward evaluation, and Retrieval Performance Evaluation on AX Tank Farm as prescribed in M45-06-T05. (2% of fee)
2. Complete and submit to ORP by April 15, 2001, the Options Report for identifying and assessing actions necessary to increase compliant tank space to retrieve SST waste as prescribed in M-45-12-T01. Draft will precede by 15 calendar days. (2% of fee)
3. Complete actions to minimize infiltration and run-on of water at Single-Shell Tank (SST) farms as identified in Engineering Report: "Single-Shell Tank Farms Interim Measures to Limit Infiltration Through the Vadose Zone," RPP-5002, Rev 0. Specific actions include:
 - a. Decommissioning unneeded water lines in Waste Management Area (WMA) S-SX that are currently active and potentially leaking water to the surrounding soil by August 30, 2001. (1% of fee)
 - b. Construct surface barriers or diversions to prevent run-on of water, at WMA U by August 30, 2001. (1% of fee)
4. Complete soil sampling in two characterization boreholes per approved work plan in WMA B-BX-BY by August 30, 2001. (4% of fee)

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5. T/TX-TY activities:
 - a. Issue to ORP the T/TX-TY site-specific work plan addendum for submittal to the Washington State Department of Ecology by March 22, 2001. (2% of fee)
 - b. Complete borehole sampling by September 30, 2002, at WMAs T/TX-TY in accordance with the T/TX-TY site-specific work plan addendum submitted for M-45-54. (6% of fee)
6. Submit to ORP for review and comment the Field Investigation Report (FIR) for WMA B-BX-BY by December 15, 2002 to support M-45-55-T02. (4% of fee)
7. Submit to ORP an update to the SST Closure Work Plan by April 15, 2002. This work plan will incorporate Ecology comments that were provided on the FY 2001 draft update to the SST Closure Work Plan. This document will incorporate the elements of TPA M-45-06-T05. (3% of fee)
8. Submit to ORP for review and comment an FIR for WMA T/TX-TY by May 15, 2003 to support M-45-55-T03. (25% of fee)
9. Submit to ORP for review and approval a Phase 1 RFI Report integrating results of data gathering activities and evaluations for WMAs S-SX, T/TX-TY, and B-BX-BY and related activities, including groundwater monitoring and impacts assessment using Hanford Site groundwater models, with conclusions and recommendations by January 15, 2004, to support M-45-55. (13% of fee)
10. Complete and submit to ORP a draft update to the SST Closure Work Plan by May 30, 2004. This work plan update will incorporate updates to the vadose zone data as well as planning and fieldwork results for tank retrieval. This document will incorporate the elements of TPA M-45-06-T06. (12% of fee)
11. Submit to ORP a draft update to the SST Closure Work Plan by May 30, 2006. This update will incorporate changes or new information resulting from updated retrieval performance evaluations, vadose zone characterizations regulatory evaluations and retrieval actions. This document will incorporate the elements of TPA-M-45-06-T07. (25% of fee)

SECTION 4**Performance Requirements**

DEFINE COMPLETION: *(Specify Performance Elements and describe indicators of success (quality/progress). Include baseline documentation/data against which completion documentation should be compared.)*

1. Submit to ORP a draft update to the SST Closure Work Plan by August 30, 2001, which includes lessons learned from vadose zone RFI/CMS and groundwater monitoring, regulatory uncertainties associated with retrieval and closure, C-106 retrieval path forward evaluation, and the Retrieval Performance Evaluation on AX Tank Farm as prescribed in M45-06-T05.
2. Complete and submit to ORP by March 31, 2001 the draft Options Report for identifying and assessing actions necessary to increase compliant tank space to retrieve SST waste as required by M-45-12-T01. ORP has 5 working days to provide any comments. The final Options Report will be transmitted to ORP by April 15, 2001.
3. Complete decommissioning unneeded water lines in or near WMA S-SX that are currently active and potentially leaking water to the surrounding soil and construct surface barriers or diversions to prevent run-on of water at WMA U by August 30, 2001. Completion will be documented in a letter report that includes field logs, photographs of capped lines, results of line pressure testing and a description of the diversion/barrier added.
4. Complete soil sampling in two characterization boreholes in WMA B-BX-BY by August 30, 2001. If the locations of the soil boreholes cannot be used, ORP and Ecology will be notified of the reasons along with a proposed new location(s). A new location must be approved by ORP and Ecology within 10 working days of notification. Completion will be when samples have been taken as specified in the Work Plan, packaged and transported to the laboratory(s) for analysis. Completion will be

documented in a letter to ORP documenting receipt of the samples at the laboratory(s).

5. T/TX-TY Activities

- Issue to ORP the T/TX-TY site-specific work plan addendum for submittal to the Washington State Department of Ecology by March 22, 2001. ORP shall have 10 working days to provide comments. Issuance will occur when ORP comments are appropriately addressed, document modified accordingly, released through the engineering release station and transmitted to ORP.
 - Complete soil sampling in boreholes as specified in applicable site-specific work plan addendum for WMAs T/TX-TY. Completion will be when samples have been taken as specified in the Work Plan, packaged and transported to the laboratory(s) for analysis. Completion will be documented in a letter to ORP documenting receipt of the samples at the laboratory(s). If the estimated cost and/or scheduled duration for the scope of work for this item exceeds the budget and/or schedule in the baseline, this PI shall be renegotiated.
6. Complete the FIR for B-BX-BY by December 15, 2002. ORP shall have 10 working days to provide comments. Completion is defined as when ORP comments are appropriately addressed, the document modified accordingly and provided to ORP for submittal to the Washington State Department of Ecology. M-45-55-T02 (due on January 31, 2003 in TPA)
7. Submit to ORP an update to the SST Closure Work Plan by April 15, 2002. ORP shall have 10 working days to provide comments. This draft update to ORP will incorporate the elements identified in TPA M-45-06-T05 (due on June 30, 2002 in TPA). The update will also incorporate comments received on the earlier SST Closure Work Plan by ORP or regulators that has been formally provided to CHG by March 11, 2002.
8. Complete the FIR for T/TX-TY by May 15, 2003. ORP shall have 10 working days to provide comments. Completion is defined as when ORP comments are appropriately addressed and the document modified accordingly and provided to ORP for submittal to the Washington State Department of Ecology. M-45-55-T03 (due on June 30, 2003 in TPA).
9. Submit to ORP for approval by January 15, 2004, a Phase 1 RFI Report integrating results of data gathering activities and evaluations for WMAs S-SX, T/TX-TY, and B-BX-BY and related activities, including groundwater monitoring and impacts assessment using Hanford Site groundwater models, with conclusions and recommendations. ORP will transmit the document to Ecology for their review and concurrence to satisfy requirements of M-45-55 (due February 28, 2004 in TPA).
10. Submit to ORP a draft update to the SST Closure Work Plan by May 30, 2004. This draft update will incorporate the elements identified in TPA M-45-06-T06 (due on June 30, 2004 in TPA). The update will also incorporate comments received on the earlier SST Closure Work Plan by ORP or regulators that has been formally provided to CHG by March 15, 2004.
11. Complete and submit to ORP draft update to the SST Closure Work Plan by May 30, 2006. This draft update will incorporate the elements identified in TPA M-45-06-T07 (due on 6/30/2006 in TPA). The update will also incorporate comments received on the earlier SST Closure Work Plan by ORP or regulators that has been formally provided to CHG by March 15, 2006.

DEFINITIONS: *(define terms)*

The content of the FIRs and Remedial Field Investigation Report is defined in the Phase RFI/Corrective Measures Study Work Plan for SST Waste Management Areas and through refinements as a result of discussions between Ecology and DOE.

COMPLETION DOCUMENTS LIST: *(Name the Documents, Databases, etc., which will be submitted to show completion for each Performance Expectation.)*

1. Issue draft SST Closure Work Plan update (update to DOE/RL 89-16, Rev 1).
2. Report on Options for Increasing Compliant Tank Space. Draft will precede by 15 calendar days (03/31/01).
3. Letter report documenting cutting/capping lines by S/SX farm and adding diversion barrier at U Farm.
4. Letter documenting that soil samples from WMA B-BX-BY have been received at laboratory.
5.
 - a. Issue addendum to T/TX-TY site-specific work plan
 - b. Issue letter documenting soil samples from WMA T/TX-TY have been received at laboratory.
6. FIRs for WMA B-BX-BY.
7. Update to SST Closure Plan document (DOE/RL 89-16) as Rev 2.

- 8. FIRs for WMA T/TX-TY
- 9. RFI Report integrating results of data gathering activities and evaluations for Waste Management Areas S-SX, T/TX-TY and B-BX-BY.
- 10. SST Closure Work Plan updates (1 draft, 3 final).

ASSUMPTIONS/TECHNICAL BOUNDARY CONDITIONS: *(For reasonably foreseeable impacts to performance that are not within control of Contractor. If the assumption or condition proves false, the remedy is renegotiations unless stated otherwise.)*

ORP will have 10 working days from receipt of FIR documents to provide final and complete comments back to the contractor for consideration and resolution. A day for day slip in dependent deliverables will result if the 10 working days is exceeded.

SECTION 5
Signatures

ORP Manager/Date

CHG President and General Manager/Date

ORP Contracting Officer/Date

CHG Contract Representative/Date