

Modification Purpose:

1. The purpose of this modification is to issue a change order as follows:
 - a. Increase the not-to-exceed (NTE) value established under Contract Modification No. 300 for Full Scale Vessel Testing (FSVT), from \$9,257,000 to \$17,225,000, an increase of \$7,968,000. The Contractor is authorized to incur costs up to an NTE value of \$17,225,000, consistent with the other contract terms and conditions and pending definitization of this change; and
 - b. Establish an updated partial definitization schedule.
2. The revised partial definitization schedule is as follows:

a. Contractor Submits Proposal	January 15, 2014
b. Start of Negotiations	March 1, 2014
c. Definitize Change Order	April 7, 2014

The Contractor shall submit a detailed technical and price proposal by January 15, 2014 for work scope associated with completion of the test platform for WTP Vessel Group 5 (RLD-8 test vessel), to include engineering, procurement, and associated support; and procurement of equipment, commissioning, and pulse jet mixer control system testing.

3. The Contractor shall provide change order accounting in accordance with Clause I.83, FAR 52.243-6, Change Order Accounting (APR 1984).
4. This modification does not add additional funds to the contract. Accordingly, work under the contract, such as that described herein, must be performed within the amount of funds which have been incrementally allotted to the contract in accordance with clause B.2, *Obligation and Availability of Funds and Contract Value*, and clause I.66, FAR 52.232-22 Limitation of Funds (Apr 1984).

Modification Description:

1. A Not-to-Exceed value of \$17,225,000 is hereby established. As a result, the table in Section B, *Supplies or Services and Prices/Costs*, Section B.2, *Obligation and Availability of Funds and Contract Value*, paragraph (c) is revised as follows:
 - The Total Estimated Contract Cost (TECC) is increased by \$7,968,000, from \$10,673,961,576 to \$10,681,929,576.
 - The Total Estimated Contract Price (TECP) is increased by \$7,968,000, from \$11,269,927,249 to \$11,277,895,249.

The table in Section B, *Supplies or Services and Prices/Costs*, Section B.2, *Obligation and Availability of Funds and Contract Value*, paragraph (c) is deleted in its entirety and replaced in full as follows:

Cost:			
	Total Estimated Contract Cost (TECC) (313)		\$ 10,681,929,576
Fee:			
A	Final Fee Determination - Pre-Mod No. A143	\$ 102,622,325	
B	Maximum Available Award Fee (See Table B-2-B-1)	\$ 115,343,348	
B.1	Project Management Incentive	\$ 55,149,797	
B.2	Cost Incentive	\$ 57,228,760	
B.3	REA Settlement	\$ 2,964,791	
C	Schedule Incentive Fee	\$ 227,000,000	
C.1	Activity Milestone Completion	\$ 173,000,000	
C.2	Facility Milestone Completion	\$ 54,000,000	
D	Operational Incentive Fee	\$ 91,000,000	
D.1	Cold Commissioning	\$ 45,000,000	
D.2	Hot Commissioning	\$ 46,000,000	
E	Enhancement Incentive Fee	\$ 60,000,000	
E.1	Enhanced Plant Capacity	\$ 15,000,000	
E.2	Sodium Reduction	\$ 15,000,000	
E.3	Enhanced Plant Turnover	\$ 15,000,000	
E.4	Sustained Production Achievement	\$ 15,000,000	
	Total Maximum Available Fee (311)		\$ 595,965,673
	Total Estimated Contract Price (TECP) (313)		\$ 11,277,895,249

2. Contract Section J, *List of Attachments*, Attachment J, *Advance Understanding on Costs*, Table 13-B, *Not-to-Exceeds Not Included in Modification No. A143 Definitization (M155)*, is deleted in its entirety and replaced in full as follows:

13-B. Not-To-Exceeds Not Included in Modification No. A143 Definitization (M155)		
DOCUMENT ID.	TITLE	DEFINITIZATION MODIFICATION NO.
BCP-24590-06-02279	Expansion of DWP Requirements (permit Modifications) (M122) (M130)	A193
ORP 08-NSD-011 (05/20/08) (CCN 179512) TN 24590-06-03487	ORP Direction to Implement New Preliminary Safety Analysis Report (PSAR) Updates (M136)	A164

<p>ORP 08-NSD-057 (10/09/08) (CCN 188218)</p> <p>TN 24590-06-03752</p>	<p>Direction to Implement New Safety Classification Process for the Waste Treatment and Immobilization Plant (WTP) (M141)</p>	<p>276</p>
<p>ORP 08-NSD-059 (10/15/08) (CCN 188217)</p> <p>TN 24590-06-03753</p>	<p>Direction to Implement New Justification for Continued Design, Procurement, and Installation (JCDPI) (M152)</p>	<p>A164</p>
<p>Modification M090 & 09-AMD-205 (07/18/08) (CCN 202423)</p> <p>TN 24590-06-02145 & -02381</p>	<p>Direction to Implement DOE 205.1A, Cyber Security Management Program (M155)</p>	<p>217</p>
<p>Modification M154</p> <p>TN 24590-06-04133</p>	<p>Direction to Implement Pretreatment Engineering Platform (PEP) dry layup (M155)</p>	<p>A167</p>
<p>Modification M196 BCP 24590-06-04489 BCP 24590-06-04784 BCP 24590-06-05085</p>	<p>Direction to Implement Multiple Operational Readiness Strategy (218)</p>	<p>282</p>
<p>Modification M196 BCP 24590-06-04853 ORP 10-AMD-139 (05/06/10; CCN 218244)</p>	<p>Direction to Implement CXP Equipment Option (218)</p>	
<p>Modification 221 ORP 11-WTP-219 (06/17/11; CCN 236247); Modification 247 ORP 11-WTP-437 (12/01/11; CCN 242351); Modification 264 ORP 12-WTP-0109 (03/15/12; CCN 245985); Modification 286 ORP 12-WTP-317 (09/24/12)</p>	<p>Direction to Proceed with Large Scale Testing (MOD 221, MOD 247, MOD 264, MOD 286)</p>	<p>299 - Partial</p>
<p>Modification 273</p>	<p>Direction to participate in the Hanford Site Organizational Climate and Safety Conscious Work Environment (SCWE) Survey</p>	<p>290</p>
<p>Modification 245 ORP 11-WTP-429</p>	<p>Direction to proceed with the implementation of DOE Order (O) 420.1B, <i>Facility Safety</i>, Chapter V, <i>Systems Engineer Program</i>. (245)</p>	<p>276</p>
<p>Modification 300 ORP 13-CPM-0099 (05/06/13); Modification 304</p>	<p>Direction to Proceed with Full Scale Vessel Testing Program in lieu of the existing Computational Fluid Dynamics and Large Scale Vessel testing Program as a Design Verification</p>	

ORP 13-CPM-0133 (06/05/13); Modification 313 ORP 13-CPM-0299 (11/25/13)	Tool (300, 304, 313)	
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3. All other terms and conditions remain unchanged.

(End of Modification)