

Purpose of Modification:

The purpose of this modification is to update Contract Section B, *Supplies or Services and Prices/Costs* and Contract Section J, *List of Attachments* as follows:

- Definitize Request for Equitable Adjustment (REA) 2011-004, *Large Scale Integrated Testing, Phase 1* and partially definitize the Change Order for Large Scale Testing (Contract Modifications 221, 247, 264, and 286).

Description of Modification:

1. Contract Section B is revised to reflect the following negotiated settlement resulting from REA 2011-004:

Estimated Contract Cost:	\$2,940,000
B& O Tax on Fee:	<u>\$870</u>
Total Estimated Contract Cost (TECC):	\$2,940,870
REA Settlement Fee:	<u>\$183,750</u>
Total Estimated Contract Price (TECP):	\$3,124,620

NOTE: The TECC currently includes a not-to-exceed value of \$49,000,000 for the Change Order for Large Scale Testing (Contract Modifications 221, 247, 264, and 286). Since Modification No. 299 only partially definitizes the Change Order, the TECC is not being revised under Modification No. 299. Upon definitization of REA 2011-009, Large Scale Integrated Testing, Phase 2, the TECC will be adjusted by the sum of the LSIT 1 (\$2,940,870) and LSIT 2 settlement amounts less the \$49,000,000 already included in the TECC, in a future contract modification, to reflect the fully definitized change order.

2. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Section B.2 *Obligation and Availability of Funds and Contract Value*, paragraph (c) is deleted in its entirety and replaced with the following table, which incorporates the following revisions:
 - Increase the B.3 REA Settlement fee by \$183,750, from \$2,781,041 to \$2,964,791.
 - Increase the Maximum Available Award Fee by \$183,750, from \$118,335,428 to \$118,519,178.
 - Increase the Total Maximum Available Fee by \$183,750, from \$598,957,753 to \$599,141,503.
 - Increase the Total Estimated Contract Price (TECP) by \$183,750, from \$11,245,688,308 to \$11,245,872,058.

Cost:	Total Estimated Contract Cost (TECC)	\$ <u>10,646,730,555</u>
Fee:		
A	Final Fee Determination - Pre-Mod No. A143	\$ 102,622,325
B	Maximum Available Award Fee (See Table B-2-B-1)	\$ 118,519,178
B.1	Project Management Incentive	\$ 54,910,587
B.2	Cost Incentive	\$ 60,643,800
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 (299)		\$ <u>599,141,503</u>
Total Estimated Contract Price (TECP) (299)		\$ <u>11,245,872,058</u>

3. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Section B.11 *Attachments*, Attachment B-1 – Incentive Fee Summary Table, Table B-1 – WTP Incentive Fee Structure, is deleted in its entirety and replaced with the following table, which incorporates the following revisions:

- Increase the B.3 REA Settlement fee by \$183,750, from \$2,781,041 to \$2,964,791.
- Increase the Maximum Available Award Fee, Total Award Fee by \$183,750, from \$118,335,428 to \$118,519,178.
- Increase the Total Maximum Available Fee by \$183,750, from \$598,957,753 to \$599,141,503.

Table B-1 - WTP Incentive Fee Structure

<u>Description</u>	<u>Reference</u>	<u>Amount</u>
A Final Fee Determination Prior to Modification No. A143	Attachment B-2-A	<u>\$102,622,325</u>
B Maximum Available Award Fee:		
B.1 Project Management Incentive	Attachment B-2-B	\$54,910,587
B.2 Cost Incentive	Attachment B-2-B	<u>\$60,643,800</u>
*See Table B-2-B-1		
B.3 REA Settlement Fee	Attachment B-3	<u>\$2,964,791</u>
Total Award Fee		<u>\$118,519,178</u>
C Schedule Incentive Fee:		
C.1.X Activity Milestone Completion:	Attachment B-2-C	\$173,000,000
C.2 Facility Milestones Completion:		
C.2.1 LAB Construction Substantially Complete	Attachment B-2-C	\$4,000,000
C.2.2 LAW Construction Substantially Complete	Attachment B-2-C	\$4,000,000
C.2.3 LBL Start Cold Commissioning (SCC)	Attachment B-2-C	\$4,000,000
C.2.4 LBL Complete Hot Commissioning (CHC)	Attachment B-2-C	\$4,000,000
C.2.5 HLW Start Cold Commissioning	Attachment B-2-C	\$9,500,000
C.2.6 PT Start Cold Commissioning	Attachment B-2-C	\$9,500,000
C.2.7 HLW Complete Hot Commissioning	Attachment B-2-C	\$9,500,000
C.2.8 PT Complete Hot Commissioning	Attachment B-2-C	\$9,500,000
Total - Facility Schedule Incentive		<u>\$54,000,000</u>
Total Schedule Incentive Fee		
		<u>\$227,000,000</u>
D Operational Incentive Fee:		
D.1 Cold Commissioning:		
D.1.1 PT High Level Waste	Attachment B-2-D	\$10,000,000
D.1.2 PT Low Level Waste	Attachment B-2-D	\$10,000,000
D.1.3 HLW Vitrification	Attachment B-2-D	\$13,000,000
D.1.4 LAW Vitrification	Attachment B-2-D	<u>\$12,000,000</u>
Subtotal-Cold Commissioning		<u>\$45,000,000</u>
D.2 Hot Commissioning:		
D.2.1 PT High Level Waste	Attachment B-2-D	\$10,000,000
D.2.2 PT Low Level Waste	Attachment B-2-D	\$10,000,000
D.2.3 HLW Vitrification	Attachment B-2-D	\$13,000,000
D.2.4 LAW Vitrification	Attachment B-2-D	<u>\$13,000,000</u>
Subtotal-Hot Commissioning		<u>\$46,000,000</u>
Total Operational Incentive Fee		<u>\$91,000,000</u>
E Enhancement Incentive Fee:		
E.1 Enhanced Plant Capacity	Attachment B-2-E	\$15,000,000
E.2 Sodium Reduction	Attachment B-2-E	\$15,000,000
E.3 Enhanced Plant Turnover	Attachment B-2-E	\$15,000,000
E.4 Sustained Production Achievement	Attachment B-2-E	<u>\$15,000,000</u>
Total Enhancement Incentive Fee		<u>\$60,000,000</u>
TOTAL MAXIMUM AVAILABLE FEE (A+B+C+D+E)* (299)		<u>\$599,141,503</u>

4. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Section B.11 *Attachments*, Attachment B-3 – REA Settlement Fee, Table B-3-A Fixed Fee, is deleted in its entirety and replaced with the following table, to reflect the settlement of REA Number 2011-004, *Large Scale Integrated Testing, Phase 1*, which increases the REA fee settlement amount in which costs have been fully incurred by \$183,750, from \$85,246 to \$268,996:

Table B-3-A. Fixed Fee

REA Number	REA Title	Contract Modification #	Fee Amount
2010-011	E-Verify	200	\$9,661
2010-015	LBL 2015	203	\$44,979
2010-016	Environmental Management System (Executive Orders 13423 and 13514; DOE Orders 430.2B and 450.1A)	251	\$30,606
2011-004	LSIT Phase 1	299	\$183,750
		Total	\$268,996

5. 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
ORP 08-NSD-057 (10/09/08) (CCN 188218) TN 24590-06-03752	Direction to Implement New Safety Classification Process for the Waste Treatment and Immobilization Plant (WTP) (M141)	276
ORP 08-NSD-059 (10/15/08) (CCN 188217) TN 24590-06-03753	Direction to Implement New Justification for Continued Design, Procurement, and Installation (JCDPI) (M152)	A164

Modification M090 & 09-AMD-205 (07/18/08) (CCN 202423) TN 24590-06-02145 & -02381	Direction to Implement DOE 205.1A, Cyber Security Management Program (M155)	217
Modification M154 TN 24590-06-04133	Direction to Implement Pretreatment Engineering Platform (PEP) dry layup (M155)	A167
Modification M196 BCP 24590-06-04489 BCP 24590-06-04784 BCP 24590-06-05085	Direction to Implement Multiple Operational Readiness Strategy (218)	282
Modification M196 BCP 24590-06-04853 ORP 10-AMD-139 (05/06/10; CCN 218244)	Direction to Implement CXP Equipment Option (218)	
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)	Direction to Proceed with Large Scale Testing (MOD 221, MOD 247, MOD 264, MOD 286)	299 - Partial
Modification 273	Direction to participate in the Hanford Site Organizational Climate and Safety Conscious Work Environment (SCWE) Survey	290
Modification 245 ORP 11-WTP-429	Direction to proceed with the implementation of DOE Order (O) 420.1B, <i>Facility Safety</i> , Chapter V, <i>Systems Engineer Program</i> . (245)	276

6. **Contractor's Statement of Release:** In consideration of the Modification 299, agreed to herein as complete equitable adjustment for the Contractor's Request for Equitable Adjustment (REA) for 2011-004, *Large Scale Integrated Testing Phase 1*, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the changes as noted in the modification.

7. **All other terms and conditions remain unchanged.**

(End of Modification)