

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 0402	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Richland Operations Office U.S. Department of Energy Richland Operations Office P.O. Box 550, MSIN A7-80 Richland WA 99352	CODE 00601	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) CH2M HILL PLATEAU REMEDIATION COMPANY Attn: Kala Dickerson 2420 Stevens Center Place Richland WA 99354-1659		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 805603128	FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC06-08RL14788	10B. DATED (SEE ITEM 13) 06/19/2008

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause I.102, FAR 52.243-2, Changes - Cost Reimbursement
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not. is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Tax ID Number: 77-0694488
DUNS Number: 805603128

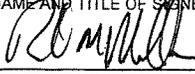
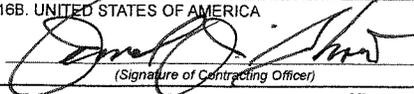
A. The purpose of this modification is to update contract terms to accurately reflect the assignment of contract line item numbers against the contract structure. Contract changes are detailed on pages 3 and 4 of this modification.

Payment:

OR for Richland
U.S. Department of Energy
Oak Ridge Financial Service Center
P.O. Box 6017
Oak Ridge TN 37831

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)  Richard M. Miller VP. PC&PI	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) J. Jeff Short
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 5/5/15
16B. UNITED STATES OF AMERICA 	16C. DATE SIGNED 5/5/15

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC06-08RL14788/0402

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NAME OF OFFEROR OR CONTRACTOR
CH2M HILL PLATEAU REMEDIATION COMPANY

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Period of Performance: 06/19/2008 to 09/30/2018				

SF30 BLOCK 14 (CONTINUATION):

- B. By mutual agreement of the parties, this modification updates Contract terms to more accurately reflect the assignment of Contract Line Item Numbers (CLINs) against the Contract Structure, as summarized in paragraphs 1 through 3 below:
1. Update Section J, Attachment J.11 “CLIN Assignment Against Contract Structure” and Section B, Clause B.2 “Items Being Acquired” subparagraph (b), CLINs 1 and 3;
 2. Adjust Table B.4-1 CLIN cost values, in accordance with Section B, Clause B.4 “Contract Cost and Contract Fee” subparagraph (i), which states: Estimated Contract Cost, Contract Price, and Available Fee by Fiscal Year and by CLIN will be adjusted annually by the Contracting Officer upon approval of the Performance Measurement Baseline, and whenever changes affecting the table are made under the Section I Clause entitled, Changes – Cost Reimbursement;” and Section B, Clause B.4, subparagraph (h) which states: “Contract Line Item Number (CLIN) references a specific category of work as defined in the Section C, Statement of Work. Proposed costs shall be appropriately categorized into the individual CLINs in Table B.4-1.” Note that none of these changes impact Table B.4-1 line item “Total Contract Cost.”
 3. Details outlining these changes are included in the following paragraphs.
- C. Section J, Attachment J-11 is hereby changed as follows:
1. The title of Attachment J-11 is changed from “Supplemental Work Description Tables” to “Contract Line Item Number Assignment against Contract Structure.”
 2. Replace the current Table titled “Contract Line Item Number Assignment against Contract Structure” to reflect updated CLINs by assigned Work Breakdown Structure Elements and Contract Statement of Work Sections.
 3. A conformed copy of revised J.11 is attached.
- D. Section B, Clause B.2 “Items Being Acquired” subparagraphs (b)(1)(ii), (b)(3)(iii), and (b)(3)(vi) are changed as follows:
1. (b)(1)(ii): remove “well installation.”
 2. (b)(3)(iii): insert “well installation.”
 3. (b)(3)(vi): remove the statement “updated estimates to complete for high priority activities.”
- E. Section B, Clause B.3 “Obligation and Availability of Funds” is updated to reflect funding provided through Modification No. 401.
- F. Section B, Table B.4-1 “Contract Cost and Contract Fee” is updated reflecting the following changes:
1. CLIN 1: The total Base Period amount is decreased from \$1,042,983,272 to \$869,603,064 and the total Option Period amount is decreased from \$1,005,492,752 to \$795,653,833. This change is based on reallocating G&A, pension and other overhead costs (i.e. cost contained in

- WBS 000 accounts), to the applicable individual CLINs. This correctly aligns scope cost to CLIN descriptions in Section B.2 and Table J.11.
2. CLIN 2: The total Base Period amount is increased from \$257,696,218 to \$333,571,069 and the total Option Period amount is increased from \$120,823,794 to \$332,964,126. An amount of CLIN 2 scope was previously allocated to CLIN 3. It is being reallocated back to CLIN 2 in order to align with Clause B.2 and Table J.11. The change also includes reallocated G&A, pension and other overhead costs as discussed above under CLIN 1.
 3. CLIN 3: The total Base Period amount is decreased from \$473,522,598 to \$415,300,691 and the total Option Period amount is decreased from \$708,257,383 to \$442,898,298. This change transfers scope to CLINs 1, 2, 4 and 5 to align to the CLIN descriptions in clause B.2 and Table J.11. The change also includes reallocated G&A, pension and other overhead costs as discussed above under CLIN 1.
 4. CLIN 4: The total Base Period remains unchanged and the total Option Period amount is increased from \$25,696,340 to \$88,431,715. An amount of CLIN 4 scope was previously allocated to CLIN 3. It is being reallocated back to CLIN 4 to align to CLIN descriptions in Section B.2 and the J.11 table. The change also includes reallocated G&A, pension and other overhead costs as discussed above under CLIN 1.
 5. CLIN 5: The total Base Period amount is increased from \$368,781,486 to \$447,378,116 and the total Option Period amount is increased from \$154,595,875 to \$416,789,794. An amount of CLIN 5 scope was previously allocated to CLIN 3. It is being reallocated back to CLIN 5 to align to descriptions in Clause B.2 and Table J.11. The change also includes reallocated G&A, pension and other overhead costs as discussed above under CLIN 1.
 6. CLIN 6: The total Base Period amount is increased from \$1,307,044,360 to \$1,322,315,990. The change also includes reallocated G&A, pension and other overhead costs as discussed above under CLIN 1. In addition, efficiencies achieved during the ARRA time frame were utilized to complete additional scope.
- G. The above changes are reflected in the attached redline and conformed Section B replacement pages. Note that the starting values for the revisions to Table B.4-1 are from Modification No. 391 and reflect definitized modifications through April 30, 2015.
- H. Contractor Statement of Release: In consideration of the modification agreed to herein the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustment attributable to such facts or circumstances giving rise to this change.

There are no other changes to the terms and conditions of the contract.

End of Modification 402.

B.1 TYPE OF CONTRACT

This is a performance-based Cost-Plus-Award Fee Contract to continue the environmental clean-up of select portions of the U.S. Department of Energy (DOE) Hanford Site. The Contractor has the responsibility for determining the specific methods and approaches for accomplishing the identified work. This Contract applies performance-based contracting approaches and expects the Contractor to implement techniques that emphasize safe, efficient, and measurable results.

B.2 ITEM(S) BEING ACQUIRED

- (a) The Contractor shall, in accordance with the terms of this Contract, provide the personnel, materials, supplies, and services and do all things necessary for, or incident to, providing its best efforts to perform all requirements of this Contract.
- (b) The Contract consists of six (6) Contract Line Items authorized in accordance with the Section B Clause entitled, *DOE Authorization of Work*:
 - (1) *Contract Line Item Number (CLIN) 1*:
 - (i) Waste Treatment and Disposal. Perform activities necessary for safe and secure underwater storage of cesium and strontium capsules, and storage of spent nuclear fuel (SNF); liquid waste storage and treatment; waste storage and disposal; and overall facility operations;
 - (ii) Groundwater/Vadose Zone Project. Perform groundwater and ecological sampling and monitoring, ~~well installation~~, well maintenance, borehole logging;
 - (iii) Facility and Waste Site Minimum-safe/Surveillance and Maintenance (S&M). Perform activities necessary for Hanford Site structures and waste sites identified in the Section J Attachment entitled, *Supplemental Work Description Tables*; and
 - (iv) Fast Flux Test Facility (FFTF). Maintain FFTF in a safe and compliant manner and perform near-term shutdown activities.
 - (2) *CLIN 2*:

Plutonium Finishing Plant (PFP) Closure. Provide safe and compliant storage of special nuclear material (SNM) at PFP until it has been removed from the PFP complex; operate and maintain the PFP facilities and associated waste sites, structures, operating systems and equipment, and monitoring systems in a safe, compliant, and energy-efficient manner within the authorization envelope; maintain radiological control and access control to ensure personnel safety; remove SNM from PFP and transport to an assigned location; demolish PFP complex facilities to slab-on-grade condition; and prepare, package, and disposition waste streams, as required.

(3) CLIN 3:

- (i) Waste Treatment and Disposal. Perform low level waste (LLW) and mixed low level waste (MLLW) treatment, transuranic (TRU) waste certification support, waste retrieval;
- (ii) Groundwater, Soil, and Facility Regulatory/Other Decision Documents. Characterize assigned waste sites and facilities, complete analysis of remediation options, and prepare required regulatory and other decision documents necessary to implement remedial actions;
- (iii) Groundwater/Vadose Zone Project. Perform on-going and new remedy operations including 200 West pump & treat start-up, operations and maintenance, well installation, and well decommissioning;
- (iv) Operate the Environmental Restoration Disposal Facility (ERDF);
- (v) Geographical Zone Remediation. Remediate U Plant and Non-Radioactive Dangerous Waste Landfill (NRDWL)/BC Control geographical zones; and

~~(vi) Updated estimates to complete for high priority activities.~~

(4) CLIN 4:

- (i) Remediate and close other specified geographical zones;
- (ii) Transfer cesium and strontium capsules from Waste Encapsulation and Storage Facility (WESF) to dry storage; and
- (iii) Design and construct alternate transuranic package transporter (TRUPACT) loadout capability.

(5) CLIN 5:

100 K Area. Maintain the 100K Area in a safe and compliant manner; dewater K East Basin; demolish K East Basin; place K East reactor in an interim safe storage (ISS) configuration, and remediate and close selected portions of the 100K Area.

(c) The Section J Attachment entitled, *Supplemental Work Description Tables*, provides additional definition of the workscope in each CLIN.

(d) CLIN 6:

The contractor shall, in accordance with the terms of this contract, provide the personnel, materials, supplies, and services and do all things necessary for, or incident to, providing its best efforts to perform the Recovery Act work. The work, as identified by activities to be performed under the following WBS elements, is assigned to CLIN 6, as

shown in Table B.4-1, *Contract Cost and Contract Fee*:

(1) WBS 011, Nuclear Material Stabilization and Disposition PFP:

- (i) Disposition process equipment, glove boxes, and laboratory hoods from 234-5Z facility,
- (ii) Disposition low-level and TRU waste, and
- (iii) Prepare ancillary facilities for demolition.

(2) WBS 013, Solid Waste Stabilization and Disposition:

- (i) Continue retrieving and re-packaging contact handled Transuranic (TRU) waste,
- (ii) Initiate retrieval and disposition of remote-handled TRU waste (including large package waste),
- (iii) Continue building backlog of waste for shipments to the Waste Isolation Pilot Plant, and begin shipping in March 2010,
- (iv) Support installation and utilization by the Central Characterization Project of a High Energy Real Time Radiography unit at the Hanford site,
- (v) Continue treatment of current backlog of legacy mixed, low-level waste,
- (vi) Complete activities required to support disposition and deliver plutonium 238 drums to shipper,
- (vii) Prepare and submit analysis/recommendations for wastes with uncertain disposition path including strontium and cesium capsules; initiate disposition of these wastes as directed by DOE, and
- (viii) Support increased disposal capabilities at the Environmental Restoration Disposal Facility and Integrated Disposal Facility.

(3) WBS 030, Soil and Groundwater Remediation, Groundwater/Vadose Zone:

- (i) Accelerate construction of the pump and treat facility, expand current pump and treat operations, and install additional wells in the 100 D/H Areas,
- (ii) Accelerate construction of the pump and treat system for groundwater contaminants in both 200 West Area operable units,
- (iii) Accelerate completion of remedial investigations, treatability tests, cleanup decisions, and groundwater well decommissioning in the Central Plateau Area, and
- (iv) Continue groundwater remediation and well drilling to support overall

reduction of active clean-up of the Hanford Site

- (4) WBS 040, Nuclear Facility D&D - Remainder of Hanford:
- (i) 200 North Area:
 - (A) Demolish spent fuel transfer storage facilities,
 - (B) Remediate waste sites, and
 - (C) Dispose of locomotive and rail cars.
 - (ii) Complete cleanup of B/C Control Area,
 - (iii) Initiate remediation of other waste sites in the Central Plateau,
 - (iv) U Plant Zone:
 - (A) Demolish 5 remaining ancillary facilities,
 - (B) Disposition Cell 30 tank contents, and
 - (C) Clear canyon deck and grout-fill cells.
 - (v) Complete demolition of up to 15 facilities in the Central Plateau Inner Zone,
 - (vi) Prepare and submit an evaluation of utilization of a landfill for non-hazardous waste debris,
 - (vii) Complete demolition of DOE facilities and clean-up debris areas on the Arid Lands Ecology Reserve, and
 - (viii) Complete remediation activities for North Slope and prepare applicable closure documentation for ALE and North Slope.
 - (ix) Disposition near-term personnel hazards associated with asbestos.
- (5) WBS 041, Nuclear Facility D&D – River Corridor, 100 K Area:
- (i) Remediate waste sites along the river in the 100 K Area,
 - (ii) Accelerate D&D of 100 K ancillary facilities,
 - (iii) Accelerate 100 K waste site remediation,
 - (iv) Complete Reactor disposition study/engineering, and
 - (v) Accelerate ISS of both reactors 105KE and 105KW and initiate preparations for 105KE disposition.

- (e) *CLIN 7: Table, B.4-2, Deferred Work*, contains estimated cost and fee of previously priced work scope for which there is insufficient funding and accordingly is not authorized pursuant to the clause of this section entitled, *DOE Authorization of Work*. Activities include:
- (1) *Hanford Federal Facility Agreement and Consent Order* (also known as the Tri-Party Agreement (TPA)) Milestone M-91 upgrades to T Plant;
 - (2) Expand and install closure barriers at the Environmental Restoration Disposal Facility (ERDF);
 - (3) 618-10 and 618-11 Burial Grounds. Initiate and complete field remediation and other waste disposition activities for the 618-10 and 618-11 burial grounds, in the event that these activities are not completed under the River Corridor Closure Contract;
 - (4) Remediate and close specified waste sites, structures, and geographical zones;
 - (5) Design the Fuel Preparation Facility;
 - (6) Complete procurement, construction, and acceptance testing of the K Basin Sludge Treatment System; treatment of K Basin sludge; demolish K West basin, place K West reactor in an ISS configuration, and selected activities related to remediation and closure of the remainder of the 100K Area ;
 - (7) Selected decision document activities;
 - (8) Selected Waste Treatment and Disposal activities for transuranic (TRU) waste certification support, waste retrieval; and
 - (9) Surface and geophysical logging portion of selected groundwater monitoring activities and remedies.

Performance parameters and metrics and the crosswalk of these work activities to the applicable subsection of Section C, Statement of Work, is provided in the Section J Attachment entitled, *Supplemental Work Description Tables*.

B.3 OBLIGATION AND AVAILABILITY OF FUNDS

- (a) Obligation of Funds. Pursuant to the Section I Clause entitled, FAR 52.232-22, Limitation of Funds, total funds in the amount of \$~~2,726,619,588.56~~892,480,322.87 have been allotted for obligation and are available for payment of services provided from the effective date of this Contract through September 30, 2018.
- (b) Pursuant to the clause in Section I, entitled "Limitation of Funds," total funds in the amount of \$1,375,998,168.34 are obligated herein and made available for payment of allowable costs and fee earned related only to the Recovery Act work from the effective date of modification A037 through the period of performance for the Recovery Act work, contained in Section F.

B.4 CONTRACT COST AND CONTRACT FEE

This Section establishes the estimated Total Contract Cost and Contract Fee. Within Table B.4-1:

- (a) *Contract Period* is defined as the *Transition Period*, *Base Period*, and *Option Period* (if exercised) described in the Section F Clause entitled, *Period of Performance*.
- (b) Estimated *Contract Cost* is defined as all costs initially proposed by the Contractor.
- (c) *Available Fee* is defined as the maximum amount of fee that may be earned under the Contract by Contract period.
- (d) *Contract Price* in Table B.4-1 is the sum of Estimated *Contract Cost* and *Available Fee*, in each year of Contract performance.
- (e) *Total Contract Cost* is defined as the cumulative Estimated *Contract Cost* for all Contract periods.
- (f) *Total Available Fee* is defined as the cumulative *Available Fee* for all Contract periods.
- (g) *Total Contract Price* is defined as the sum of *Total Contract Cost* and *Total Available Fee*.
- (h) *Contract Line Item Number (CLIN)* references a specific category of work as defined in the Section C, *Statement of Work*. Proposed costs shall be appropriately categorized into the individual CLINs in Table B.4-1.
- (i) Estimated *Contract Cost*, *Contract Price*, and *Available Fee* by Fiscal Year and by CLIN will be adjusted annually by the Contracting Officer upon approval of the *Performance Measurement Baseline*, and whenever changes affecting the table are made under the Section I Clause entitled, *Changes – Cost Reimbursement*.

Amounts are rounded to whole dollars. ~~Individual rows may not add precisely due to rounding.~~ Table B.4-1 *Available Fee* rows by period (Base/Option) will not add precisely until all fee is distributed within the specified period. Unallocated *Available Fee* by period is shown in the Section J Attachment entitled, *Performance Evaluation and Measurement Plan*.

Table B.4-1, Contract Cost and Contract Fee							
Contract Period	Element	FY 2008					
Transition Period	Estimated Contract Cost	\$3,307,735					
Base Period		FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Base Period
CLIN 1	Estimated Contract Cost	\$264,907,169 <u>242,344,131</u>	\$194,150,760 <u>167,820,630</u>	\$199,658,737 <u>2,538,760</u>	\$191,649,688 <u>140,743,022</u>	\$192,616,918 <u>146,156,521</u>	\$1,042,983,272 <u>869,603,064</u>
CLIN 2	Estimated Contract Cost	\$64,388,719 <u>5,639,289</u>	\$45,606,756 <u>1,935,923</u>	\$26,441,959 <u>26,503</u>	\$68,039,035 <u>7,716,985</u>	\$53,219,749 <u>6,752,369</u>	\$257,696,218 <u>571,069</u>
CLIN 3	Estimated Contract Cost	\$93,042,127 <u>0,486,838</u>	\$88,062,385 <u>7,952,596</u>	\$96,403,918 <u>59,782</u>	\$66,781,356 <u>2,824,087</u>	\$129,232,811 <u>57,077,388</u>	\$473,522,598 <u>300,691</u>
CLIN 4	Estimated Contract Cost	\$0	\$0	\$0	\$0	\$0	\$0
CLIN 5	Estimated Contract Cost	\$69,188,987 <u>0,109,775</u>	\$77,325,292 <u>6,402,202</u>	\$104,808,485 <u>5,507,898</u>	\$83,428,750 <u>08,104,103</u>	\$34,029,974 <u>7,254,138</u>	\$368,781,486 <u>378,116</u>
Total Base Period	Estimated Contract Cost	\$491,527,003 <u>488,580,033</u>	\$405,145,192 <u>394,111,351</u>	\$427,313,099 <u>6,532,943</u>	\$409,898,830 <u>419,388,197</u>	\$409,099,450 <u>347,240,416</u>	\$2,142,983,574 <u>65,852,940</u>
	Available Fee	\$22,875,910	\$19,412,118	\$17,852,099	\$18,134,034	\$14,092,235 <u>7,766,524</u>	\$96,040,685
	Contract Price	\$514,402,913 <u>511,455,943</u>	\$424,557,310 <u>413,523,469</u>	\$445,165,198 <u>4,385,042</u>	\$428,032,863 <u>437,522,231</u>	\$423,191,684 <u>365,006,940</u>	\$2,239,024,258 <u>61,893,625</u>
CLIN 6	Estimated Contract Cost	\$158,591,307 <u>161,538,277</u>	\$554,872,119 <u>565,905,959</u>	\$574,791,707 <u>5,571,864</u>	\$18,789,227 <u>,299,890</u>	\$0	\$1,307,044,360 <u>22,315,990</u>
Total Recovery Act	Estimated Contract Cost	\$158,591,307 <u>161,538,277</u>	\$554,872,119 <u>565,905,959</u>	\$574,791,707 <u>5,571,864</u>	\$18,789,227 <u>,299,890</u>	\$0	\$1,307,044,360 <u>22,315,990</u>
	Available Fee	\$3,771,414	\$15,852,276	\$52,847,425	\$0	\$0	\$72,471,115
	Contract Price	\$162,362,721 <u>165,309,691</u>	\$570,724,395 <u>581,758,235</u>	\$627,639,132 <u>8,419,289</u>	\$18,789,227 <u>,299,890</u>	\$0	\$1,379,545,475 <u>94,787,105</u>
Total Base Period including Recovery Act	Estimated Contract Cost	\$650,118,310	\$960,017,310	\$1,002,104,807	\$428,688,057 <u>087</u>	\$409,099,450 <u>347,240,416</u>	\$3,450,027,934 <u>88,168,930</u>
	Available Fee	\$26,647,324	\$35,264,395 <u>94</u>	\$70,699,523 <u>524</u>	\$18,134,034	\$17,766,524	\$168,511,800
	Contract Price	\$676,765,634	\$995,281,705 <u>704</u>	\$1,072,804,330 <u>31</u>	\$446,822,090 <u>121</u>	\$426,865,973 <u>365,006,940</u>	\$3,618,539,733 <u>3,556,680,730</u>
Option Period		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total Option Period
CLIN 1	Estimated Contract Cost	\$202,364,551 <u>146,226,256</u>	\$208,977,094 <u>157,979,712</u>	\$206,668,583 <u>3,718,752</u>	\$204,178,870 <u>170,469,223</u>	\$183,303,656 <u>157,259,890</u>	\$1,005,492,752 <u>795,653,833</u>
CLIN 2	Estimated Contract Cost	\$54,888,220 <u>09,512,178</u>	\$47,340,956 <u>14,861,658</u>	\$18,594,618 <u>06,257</u>	\$0 <u>9,584,033</u>	\$0	\$120,823,794 <u>332,964,126</u>
CLIN 3	Estimated Contract Cost	\$153,346,238 <u>73,857,241</u>	\$157,298,405 <u>90,587,006</u>	\$164,679,784 <u>90,025,361</u>	\$107,063,429 <u>99,961,724</u>	\$125,869,527 <u>88,466,966</u>	\$708,257,383 <u>442,898,298</u>
CLIN 4	Estimated Contract Cost	\$0	\$0 <u>1,731,613</u>	\$6,100,299 <u>15,171,071</u>	\$18,621,546 <u>5,312,341</u>	\$974,495 <u>36,216,690</u>	\$25,696,340 <u>88,431,715</u>
CLIN 5	Estimated Contract Cost	\$33,815,793 <u>0,503,428</u>	\$36,397,542 <u>91,069,285</u>	\$46,807,653 <u>90,781,221</u>	\$18,610,813 <u>80,414,237</u>	\$18,964,074 <u>94,021,623</u>	\$154,595,875 <u>416,789,794</u>
Total Option Period	Estimated Contract Cost	\$444,404,093 <u>390,099,103</u>	\$449,402,147 <u>456,229,274</u>	\$442,565,052 <u>458,702,662</u>	\$348,474,658 <u>395,741,558</u>	\$329,162,296 <u>375,965,169</u>	\$2,014,866,143 <u>2,076,737,766</u>
	Available Fee	\$13,315,000	\$11,500,000	\$12,025,000	\$11,500,000	\$11,639,576	\$59,979,576
	Contract Price	\$457,719,093 <u>403,414,103</u>	\$460,902,147 <u>467,729,274</u>	\$454,590,052 <u>470,727,662</u>	\$359,974,659 <u>407,241,558</u>	\$340,801,872 <u>387,604,745</u>	\$2,074,845,719 <u>2,136,717,342</u>
Total: Transition, Base & Option Periods	Total Contract Cost	\$5,468,214,432 <u>431</u>					
	Total Available Fee	\$228,491,376					
	Total Contract Price	\$5,696,705,808 <u>807</u>					

B.1 TYPE OF CONTRACT

This is a performance-based Cost-Plus-Award Fee Contract to continue the environmental clean-up of select portions of the U.S. Department of Energy (DOE) Hanford Site. The Contractor has the responsibility for determining the specific methods and approaches for accomplishing the identified work. This Contract applies performance-based contracting approaches and expects the Contractor to implement techniques that emphasize safe, efficient, and measurable results.

B.2 ITEM(S) BEING ACQUIRED

- (a) The Contractor shall, in accordance with the terms of this Contract, provide the personnel, materials, supplies, and services and do all things necessary for, or incident to, providing its best efforts to perform all requirements of this Contract.
- (b) The Contract consists of six (6) Contract Line Items authorized in accordance with the Section B Clause entitled, *DOE Authorization of Work*:
 - (1) *Contract Line Item Number (CLIN) 1:*
 - (i) Waste Treatment and Disposal. Perform activities necessary for safe and secure underwater storage of cesium and strontium capsules, and storage of spent nuclear fuel (SNF); liquid waste storage and treatment; waste storage and disposal; and overall facility operations;
 - (ii) Groundwater/Vadose Zone Project. Perform groundwater and ecological sampling and monitoring, well maintenance, borehole logging;
 - (iii) Facility and Waste Site Minimum-safe/Surveillance and Maintenance (S&M). Perform activities necessary for Hanford Site structures and waste sites identified in the Section J Attachment entitled, *Supplemental Work Description Tables*; and
 - (iv) Fast Flux Test Facility (FFTF). Maintain FFTF in a safe and compliant manner and perform near-term shutdown activities.
 - (2) *CLIN 2:*

Plutonium Finishing Plant (PFP) Closure. Provide safe and compliant storage of special nuclear material (SNM) at PFP until it has been removed from the PFP complex; operate and maintain the PFP facilities and associated waste sites, structures, operating systems and equipment, and monitoring systems in a safe, compliant, and energy-efficient manner within the authorization envelope; maintain radiological control and access control to ensure personnel safety; remove SNM from PFP and transport to an assigned location; demolish PFP complex facilities to slab-on-grade condition; and prepare, package, and disposition waste streams, as required.

- (3) *CLIN 3:*
- (i) Waste Treatment and Disposal. Perform low level waste (LLW) and mixed low level waste (MLLW) treatment, transuranic (TRU) waste certification support, waste retrieval;
 - (ii) Groundwater, Soil, and Facility Regulatory/Other Decision Documents. Characterize assigned waste sites and facilities, complete analysis of remediation options, and prepare required regulatory and other decision documents necessary to implement remedial actions;
 - (iii) Groundwater/Vadose Zone Project. Perform on-going and new remedy operations including 200 West pump & treat start-up, operations and maintenance, well installation, and well decommissioning;
 - (iv) Operate the Environmental Restoration Disposal Facility (ERDF);
 - (v) Geographical Zone Remediation. Remediate U Plant and Non-Radioactive Dangerous Waste Landfill (NRDWL)/BC Control geographical zones; and

- (4) *CLIN 4:*
- (i) Remediate and close other specified geographical zones;
 - (ii) Transfer cesium and strontium capsules from Waste Encapsulation and Storage Facility (WESF) to dry storage; and
 - (iii) Design and construct alternate transuranic package transporter (TRUPACT) loadout capability.

- (5) *CLIN 5:*
- 100 K Area. Maintain the 100K Area in a safe and compliant manner; dewater K East Basin; demolish K East Basin; place K East reactor in an interim safe storage (ISS) configuration, and remediate and close selected portions of the 100K Area.

(c) The Section J Attachment entitled, *Supplemental Work Description Tables*, provides additional definition of the workscope in each CLIN.

(d) *CLIN 6:*

The contractor shall, in accordance with the terms of this contract, provide the personnel, materials, supplies, and services and do all things necessary for, or incident to, providing its best efforts to perform the Recovery Act work. The work, as identified by activities to be performed under the following WBS elements, is assigned to CLIN 6, as shown in Table B.4-1, *Contract Cost and Contract Fee*:

- (1) WBS 011, Nuclear Material Stabilization and Disposition PFP:

- (i) Disposition process equipment, glove boxes, and laboratory hoods from 234-5Z facility,
 - (ii) Disposition low-level and TRU waste, and
 - (iii) Prepare ancillary facilities for demolition.
- (2) WBS 013, Solid Waste Stabilization and Disposition:
- (i) Continue retrieving and re-packaging contact handled Transuranic (TRU) waste,
 - (ii) Initiate retrieval and disposition of remote-handled TRU waste (including large package waste),
 - (iii) Continue building backlog of waste for shipments to the Waste Isolation Pilot Plant, and begin shipping in March 2010,
 - (iv) Support installation and utilization by the Central Characterization Project of a High Energy Real Time Radiography unit at the Hanford site,
 - (v) Continue treatment of current backlog of legacy mixed, low-level waste,
 - (vi) Complete activities required to support disposition and deliver plutonium 238 drums to shipper,
 - (vii) Prepare and submit analysis/recommendations for wastes with uncertain disposition path including strontium and cesium capsules; initiate disposition of these wastes as directed by DOE, and
 - (viii) Support increased disposal capabilities at the Environmental Restoration Disposal Facility and Integrated Disposal Facility.
- (3) WBS 030, Soil and Groundwater Remediation, Groundwater/Vadose Zone:
- (i) Accelerate construction of the pump and treat facility, expand current pump and treat operations, and install additional wells in the 100 D/H Areas,
 - (ii) Accelerate construction of the pump and treat system for groundwater contaminants in both 200 West Area operable units,
 - (iii) Accelerate completion of remedial investigations, treatability tests, cleanup decisions, and groundwater well decommissioning in the Central Plateau Area, and
 - (iv) Continue groundwater remediation and well drilling to support overall reduction of active clean-up of the Hanford Site
- (4) WBS 040, Nuclear Facility D&D - Remainder of Hanford:

- (i) 200 North Area:
 - (A) Demolish spent fuel transfer storage facilities,
 - (B) Remediate waste sites, and
 - (C) Dispose of locomotive and rail cars.
 - (ii) Complete cleanup of B/C Control Area,
 - (iii) Initiate remediation of other waste sites in the Central Plateau,
 - (iv) U Plant Zone:
 - (A) Demolish 5 remaining ancillary facilities,
 - (B) Disposition Cell 30 tank contents, and
 - (C) Clear canyon deck and grout-fill cells.
 - (v) Complete demolition of up to 15 facilities in the Central Plateau Inner Zone,
 - (vi) Prepare and submit an evaluation of utilization of a landfill for non-hazardous waste debris,
 - (vii) Complete demolition of DOE facilities and clean-up debris areas on the Arid Lands Ecology Reserve, and
 - (viii) Complete remediation activities for North Slope and prepare applicable closure documentation for ALE and North Slope.
 - (ix) Disposition near-term personnel hazards associated with asbestos.
- (5) WBS 041, Nuclear Facility D&D – River Corridor, 100 K Area:
- (i) Remediate waste sites along the river in the 100 K Area,
 - (ii) Accelerate D&D of 100 K ancillary facilities,
 - (iii) Accelerate 100 K waste site remediation,
 - (iv) Complete Reactor disposition study/engineering, and
 - (v) Accelerate ISS of both reactors 105KE and 105KW and initiate preparations for 105KE disposition.
- (e) *CLIN 7*: Table, B.4-2, *Deferred Work*, contains estimated cost and fee of previously priced work scope for which there is insufficient funding and accordingly is not

authorized pursuant to the clause of this section entitled, *DOE Authorization of Work*. Activities include:

- (1) *Hanford Federal Facility Agreement and Consent Order* (also known as the Tri-Party Agreement (TPA)) Milestone M-91 upgrades to T Plant;
- (2) Expand and install closure barriers at the Environmental Restoration Disposal Facility (ERDF);
- (3) 618-10 and 618-11 Burial Grounds. Initiate and complete field remediation and other waste disposition activities for the 618-10 and 618-11 burial grounds, in the event that these activities are not completed under the River Corridor Closure Contract;
- (4) Remediate and close specified waste sites, structures, and geographical zones;
- (5) Design the Fuel Preparation Facility;
- (6) Complete procurement, construction, and acceptance testing of the K Basin Sludge Treatment System; treatment of K Basin sludge; demolish K West basin, place K West reactor in an ISS configuration, and selected activities related to remediation and closure of the remainder of the 100K Area ;
- (7) Selected decision document activities;
- (8) Selected Waste Treatment and Disposal activities for transuranic (TRU) waste certification support, waste retrieval; and
- (9) Surface and geophysical logging portion of selected groundwater monitoring activities and remedies.

Performance parameters and metrics and the crosswalk of these work activities to the applicable subsection of Section C, Statement of Work, is provided in the Section J Attachment entitled, *Supplemental Work Description Tables*.

B.3 OBLIGATION AND AVAILABILITY OF FUNDS

- (a) Obligation of Funds. Pursuant to the Section I Clause entitled, FAR 52.232-22, Limitation of Funds, total funds in the amount of \$2,892,480,322.87 have been allotted for obligation and are available for payment of services provided from the effective date of this Contract through September 30, 2018.
- (b) Pursuant to the clause in Section I, entitled "Limitation of Funds," total funds in the amount of \$1,375,998,168.34 are obligated herein and made available for payment of allowable costs and fee earned related only to the Recovery Act work from the effective date of modification A037 through the period of performance for the Recovery Act work, contained in Section F.

B.4 CONTRACT COST AND CONTRACT FEE

This Section establishes the estimated Total Contract Cost and Contract Fee. Within Table B.4-1:

- (a) *Contract Period* is defined as the *Transition Period*, *Base Period*, and *Option Period* (if exercised) described in the Section F Clause entitled, *Period of Performance*.
- (b) Estimated *Contract Cost* is defined as all costs initially proposed by the Contractor.
- (c) *Available Fee* is defined as the maximum amount of fee that may be earned under the Contract by Contract period.
- (d) *Contract Price* in Table B.4-1 is the sum of Estimated *Contract Cost* and *Available Fee*, in each year of Contract performance.
- (e) *Total Contract Cost* is defined as the cumulative Estimated *Contract Cost* for all Contract periods.
- (f) *Total Available Fee* is defined as the cumulative *Available Fee* for all Contract periods.
- (g) *Total Contract Price* is defined as the sum of *Total Contract Cost* and *Total Available Fee*.
- (h) *Contract Line Item Number (CLIN)* references a specific category of work as defined in the Section C, *Statement of Work*. Proposed costs shall be appropriately categorized into the individual CLINs in Table B.4-1.
- (i) Estimated *Contract Cost*, *Contract Price*, and *Available Fee* by Fiscal Year and by CLIN will be adjusted annually by the Contracting Officer upon approval of the *Performance Measurement Baseline*, and whenever changes affecting the table are made under the Section I Clause entitled, *Changes – Cost Reimbursement*.

Amounts are rounded to whole dollars. Table B.4-1 *Available Fee* rows by period (Base/Option) will not add precisely until all fee is distributed within the specified period. Unallocated *Available Fee* by period is shown in the Section J Attachment entitled, *Performance Evaluation and Measurement Plan*.

Table B.4-1, Contract Cost and Contract Fee							
Contract Period	Element	FY 2008					
Transition Period	Estimated Contract Cost	\$3,307,735					
Base Period		FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total Base Period
CLIN 1	Estimated Contract Cost	\$242,344,131	\$167,820,630	\$172,538,760	\$140,743,022	\$146,156,521	\$869,603,064
CLIN 2	Estimated Contract Cost	\$75,639,289	\$51,935,923	\$31,526,503	\$87,716,985	\$86,752,369	\$333,571,069
CLIN 3	Estimated Contract Cost	\$90,486,838	\$87,952,596	\$96,959,782	\$82,824,087	\$57,077,388	\$415,300,691
CLIN 4	Estimated Contract Cost	\$0	\$0	\$0	\$0	\$0	\$0
CLIN 5	Estimated Contract Cost	\$80,109,775	\$86,402,202	\$115,507,898	\$108,104,103	\$57,254,138	\$447,378,116
Total Base Period	Estimated Contract Cost	\$488,580,033	\$394,111,351	\$416,532,943	\$419,388,197	\$347,240,416	\$2,065,852,940
	Available Fee	\$22,875,910	\$19,412,118	\$17,852,099	\$18,134,034	\$17,766,524	\$96,040,685
	Contract Price	\$511,455,943	\$413,523,469	\$434,385,042	\$437,522,231	\$365,006,940	\$2,161,893,625
CLIN 6	Estimated Contract Cost	\$161,538,277	\$565,905,959	\$585,571,864	\$9,299,890	\$0	\$1,322,315,990
Total Recovery Act	Estimated Contract Cost	\$161,538,277	\$565,905,959	\$585,571,864	\$9,299,890	\$0	\$1,322,315,990
	Available Fee	\$3,771,414	\$15,852,276	\$52,847,425	\$0	\$0	\$72,471,115
	Contract Price	\$165,309,691	\$581,758,235	\$638,419,289	\$9,299,890	\$0	\$1,394,787,105
Total Base Period including Recovery Act	Estimated Contract Cost	\$650,118,310	\$960,017,310	\$1,002,104,807	\$428,688,087	\$347,240,416	\$3,388,168,930
	Available Fee	\$26,647,324	\$35,264,394	\$70,699,524	\$18,134,034	\$17,766,524	\$168,511,800
	Contract Price	\$676,765,634	\$995,281,704	\$1,072,804,331	\$446,822,121	\$365,006,940	\$3,556,680,730
Option Period		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total Option Period
CLIN 1	Estimated Contract Cost	\$146,226,256	\$157,979,712	\$163,718,752	\$170,469,223	\$157,259,890	\$795,653,833
CLIN 2	Estimated Contract Cost	\$109,512,178	\$114,861,658	\$99,006,257	\$9,584,033	\$0	\$332,964,126
CLIN 3	Estimated Contract Cost	\$73,857,241	\$90,587,006	\$90,025,361	\$99,961,724	\$88,466,966	\$442,898,298
CLIN 4	Estimated Contract Cost	\$0	\$1,731,613	\$15,171,071	\$35,312,341	\$36,216,690	\$88,431,715
CLIN 5	Estimated Contract Cost	\$60,503,428	\$91,069,285	\$90,781,221	\$80,414,237	\$94,021,623	\$416,789,794
Total Option Period	Estimated Contract Cost	\$390,099,103	\$456,229,274	\$458,702,662	\$395,741,558	\$375,965,169	\$2,076,737,766
	Available Fee	\$13,315,000	\$11,500,000	\$12,025,000	\$11,500,000	\$11,639,576	\$59,979,576
	Contract Price	\$403,414,103	\$467,729,274	\$470,727,662	\$407,241,558	\$387,604,745	\$2,136,717,342
Total: Transition, Base & Option Periods	Total Contract Cost	\$5,468,214,431					
	Total Available Fee	\$228,491,376					
	Total Contract Price	\$5,696,705,807					

ATTACHMENT J.11

**CONTRACT LINE ITEM NUMBER (CLIN) ASSIGNMENT AGAINST CONTRACT
STRUCTURE**

The table entitled, *CONTRACT LINE ITEM NUMBER (CLIN) ASSIGNMENT AGAINST CONTRACT STRUCTURE*, is included as a separate file.

PRC STATEMENT OF WORK SECTION	ASSIGNED WBS ELEMENTS	CLIN
C.2.1 Transition	013.01 Project Management - PBS RL-13	1
C.2.1 Transition	030.04 Project Management	1
C.2.1 Transition	040.01 PBS RL-40 Reg Decisions & Closure integration	1
C.2.2.1 Maintain Safe and Secure Special Nuclear Material	011.01 Maintain Safe & Secure SNM	2
C.2.2.2 Maintain Safe and Compliant PFP	011.01 Maintain Safe & Secure SNM	2
C.2.2.2 Maintain Safe and Compliant PFP	011.02 Maintain Safe & Compliant PFP	2
C.2.2.2 Maintain Safe and Compliant PFP	011.02 Maintain Safe & Compliant PFP	6
C.2.2.3 Disposition Special Nuclear Material	011.04 Disposition SNM	2
C.2.2.3.1 3013 Container De-Inventory	011.04 Disposition SNM	2
C.2.2.3.2 Store/De-Inventory Un-Irradiated Fuel	011.04 Disposition SNM	2
C.2.2.3.3 Store/De-Inventory Slightly Irradiated Spent Fuel	011.04 Disposition SNM	2
C.2.2.3.4 Misc. Fuels/Materials De-inventory	011.04 Disposition SNM	2
C.2.2.4 Remediation Activities	011.05 Disposition PFP	2
C.2.2.4 Remediation Activities	011.05 Disposition PFP	6
C.2.2.4.1 Facility Demolition	011.05 Disposition PFP	2
C.2.2.4.1 Facility Demolition	011.05 Disposition PFP	6
C.2.2.4.2 Remediate 216-Z-9	011.05 Disposition PFP	2
C.2.2.4.3 Manage and Dispose of PFP Solid Waste	011.05 Disposition PFP	2
C.2.2.4.3 Manage and Dispose of PFP Solid Waste	011.05 Disposition PFP	6
C.2.2.2 Maintain Safe and Compliant PFP	011.06 Project Management & Support	2
C.2.2.2 Maintain Safe and Compliant PFP	011.06 Project Management & Support	6
C.2.2.4 Remediation Activities	011.06 Project Management & Support	2
C.2.2.4 Remediation Activities	011.06 Project Management & Support	6
C.2.2 Plutonium Finishing Plant Closure Project	011.90 Usage Based Services Distributions -PBS RL-11	2
C.2.2 Plutonium Finishing Plant Closure Project	011.90 Usage Based Services Distributions -PBS RL-11	6
C.2.2 Plutonium Finishing Plant Closure Project	011.91 RL-11 CHPRC Allocations	2
C.2.2 Plutonium Finishing Plant Closure Project	011.97 PBS RL-11 Company Level Initiatives	2
C.2.2 Plutonium Finishing Plant Closure Project	011.98 Ramp-up and transition	2
C.2.2 Plutonium Finishing Plant Closure Project	011.98 Ramp-up and transition	6
C.2.2 Plutonium Finishing Plant Closure Project	011.99 PBS RL-11 UBS, G-n-A, Direct Distrib	2
C.2.2 Plutonium Finishing Plant Closure Project	011.99 PBS RL-11 UBS, G-n-A, Direct Distrib	6
C.2.2.4.2 Remediate 216-Z-9	040.02.10 PFP Zone	2
C.2.3.1 Strategic Planning and Integration	013.01 Project Management	1
C.2.3.2 Waste Support Services	013.01 Project Management	1

PRC STATEMENT OF WORK SECTION	ASSIGNED WBS ELEMENTS	CLIN
C.2.3.2 Waste Support Services	013.01 Project Management	6
C.2.3.14 Facility Management	013.02 Capsule Storage & Disposal	1
C.2.3.14 Facility Management	013.02 Capsule Storage & Disposal	6
C.2.3.9 Cesium/Strontium Capsule Transfer to Dry Storage	013.02 Capsule Storage & Disposal	4
C.2.3.9 Cesium/Strontium Capsule Transfer to Dry Storage	013.02 Capsule Storage & Disposal	6
C.2.3.14 Facility Management	013.03 Canister Storage Building	1
C.2.3.2 Waste Support Services	013.04 Mixed Low Level Waste Treatment	1
C.2.3.3 Low Level Waste/Mixed Low Level Waste (LLW/MLLW) Treatment	013.04 Mixed Low Level Waste Treatment	1
C.2.3.3 Low Level Waste/Mixed Low Level Waste (LLW/MLLW) Treatment	013.04 Mixed Low Level Waste Treatment	6
C.2.3.7 Waste Retrieval	013.05 TRU Retrieval	3
C.2.3.7 Waste Retrieval	013.05 TRU Retrieval	6
C.2.3.6.1 Transuranic Waste Certification	013.06 TRU Repackaging	3
C.2.3.6.1 Transuranic Waste Certification	013.06 TRU Repackaging	6
C.2.3.10 TPA Milestone M-91 Upgrades to T Plant	013.06 TRU Repackaging	6
C.2.3.14 Facility Management	013.07 Waste Receiving and Processing Facility (WRAP)	1
C.2.3.14 Facility Management	013.07 Waste Receiving and Processing Facility (WRAP)	6
C.2.3.14 Facility Management	013.08 T Plant	1
C.2.3.14 Facility Management	013.08 T Plant	6
C.2.3.8.1 T Plant Modifications for Sludge Storage	013.08 T-Plant	1
C.2.3.14 Facility Management	013.09 Central Waste Complex	1
C.2.3.14 Facility Management	013.09 Central Waste Complex	6
C.2.3.14 Facility Management	013.09 Central Waste Complex/Low Level Burial Grounds	1
C.2.3.8.2 Provide Alternate TRUPACK Loadout Capability	013.09 Central Waste Complex/Low Level Burial Grounds	4
C.2.3.14 Facility Management	013.10 Environmental Restoration Dipsosal Facility (ERDF)	3
C.2.3.14 Facility Management	013.10 Environmental Restoration Dipsosal Facility (ERDF)	6
C.2.3.5 Liquid Waste Treatment and Disposal	013.11 Liquid Effluent Facilities	1
C.2.3.5 Liquid Waste Treatment and Disposal	013.11 Liquid Effluent Facilities	6
C.2.3.12 Integrated Disposal Facility Authorization to Operate	013.12 Integrated Disposal Facility	1
C.2.3.14 Facility Management	013.12 Integrated Disposal Facility	1
C.2.3.4 Solid Low Level Waste (LLW) and Mixed Low Level Waste (MLLW) Disposal	013.14 Solid Waste	1
C.2.3.4 Solid Low Level Waste (LLW) and Mixed Low Level Waste (MLLW) Disposal	013.14 Solid Waste	6
C.2.3.10 TPA Milestone M-91 Upgrades to T Plant	013.15 M-91 Facility (Solid Wate Processing Center)	3
C.2.3.10 TPA Milestone M-91 Upgrades to T Plant	013.15 M-91 Facility (Solid Wate Processing Center)	6
C.2.3.11 Fuel Preparation Facility Design	013.16 SNF Disposition	1
C.2.3.13 Canister Storage Building/200 ISA Security Upgrades	013.16 SNF Disposition	1
C.2.3.14 Facility Management	013.16 SNF Disposition	1
C.2.3.14 Facility Management	013.21 Mixed Waste Disposal Trenches	1
C.2.3.14 Facility Management	013.21 Mixed Waste Disposal Trenches	6

PRC STATEMENT OF WORK SECTION	ASSIGNED WBS ELEMENTS	CLIN
C.2.3.14 Facility Management	013.22 Sludge Disposition	1
C.2.3 Solid and Liquid Waste Treatment and Disposal	013.90 Usage Based Services Distributions -PBS RL-13 (Only UBS)	1
C.2.3 Solid and Liquid Waste Treatment and Disposal	013.90 Usage Based Services Distributions -PBS RL-13 (Only UBS)	6
C.2.3 Solid and Liquid Waste Treatment and Disposal	013.91 RL-13 CHPRC Allocations	1
C.2.3 Solid and Liquid Waste Treatment and Disposal	013.97 PBS RL-11 Company Level Initiatives	1
C.2.3 Solid and Liquid Waste Treatment and Disposal	013.98 Ramp-up and transition	1
C.2.3 Solid and Liquid Waste Treatment and Disposal	013.98 Ramp-up and transition	6
C.2.3 Solid and Liquid Waste Treatment and Disposal	013.99 PBS RL-13 UBS, G-n-A, and Direct Distrib	1
C.2.3 Solid and Liquid Waste Treatment and Disposal	013.99 PBS RL-13 UBS, G-n-A, and Direct Distrib	6
C.2.4.1.1 Groundwater and Vadose Zone Remediation Integration	030.01 Integration and Assessments	1
C.2.4.1.2 Risk Assessment Activity Integration	030.01 Integration and Assessments	1
C.2.4.2 Hanford Environmental Data Integration	030.01 Integration and Assessments	1
C.2.4.3 Modeling and Risk Assessment	030.01 Integration and Assessments	1
C.2.4.4.4 Treatability Tests	030.01 Integration and Assessments	1
C.2.4.5 Groundwater Monitoring, Assessment and Reporting	030.01 Integration and Assessments	1
C.2.4.1.1 Groundwater and Vadose Zone Remediation Integration	030.02 Recharge Control	1
C.2.4.4.1 Groundwater Monitoring Wells	030.03 Drilling	3
C.2.4.4.1 Groundwater Monitoring Wells	030.03 Drilling	6
C.2.4.1.1 Groundwater and Vadose Zone Remediation Integration	030.04 Project Management	1
C.2.4.1.1 Groundwater and Vadose Zone Remediation Integration	030.04.01 Project Management and Support	1
C.2.4.1.1 Groundwater and Vadose Zone Remediation Integration	030.05 Integrated Field Work	1
C.2.4.1.1 Groundwater and Vadose Zone Remediation Integration	030.05 Integrated Field Work	3
C.2.4.4.3 Borehole and Surface Geophysical Logging	030.06 GW Monitoring and Performance Assessments	1
C.2.4.5 Groundwater Monitoring, Assessment and Reporting	030.06 GW Monitoring and Performance Assessments	1
C.2.4.6 OU Decision Document Activities	030.10 100-BC-5 Operable Unit	3
C.2.4.6 OU Decision Document Activities	030.11 100-KR-4 Operable Unit	3
C.2.4.7 Remediation – Groundwater and Deep Vadose Zone	030.11 100-KR-4 Operable Unit	3
C.2.4.6 OU Decision Document Activities	030.12 100-NR-2 Operable Unit	3
C.2.4.7 Remediation – Groundwater and Deep Vadose Zone	030.12 100-NR-2 Operable Unit	3
C.2.4.6 OU Decision Document Activities	030.13 100-HR-3 Operable Unit	3
C.2.4.7 Remediation – Groundwater and Deep Vadose Zone	030.13 100-HR-3 Operable Unit	3
C.2.4.7 Remediation – Groundwater and Deep Vadose Zone	030.13 100-HR-3 Operable Unit	6
C.2.4.6 OU Decision Document Activities	030.14 100-FR-3 Operable Unit	3
C.2.4.6 OU Decision Document Activities	030.20 200-BP-5 Operable Unit	3
C.2.4.6 OU Decision Document Activities	030.21 200-PO-1 Operable Unit	3
C.2.4.6 OU Decision Document Activities	030.22 200-UP-1 Operable Unit	3
C.2.4.7 Remediation – Groundwater and Deep Vadose Zone	030.22 200-UP-1 Operable Unit	3

PRC STATEMENT OF WORK SECTION	ASSIGNED WBS ELEMENTS	CLIN
C.2.4.6 OU Decision Document Activities	030.23 200-ZP-1 Operable Unit	3
C.2.4.7 Remediation – Groundwater and Deep Vadose Zone	030.23 200-ZP-1 Operable Unit	3
C.2.4.6 OU Decision Document Activities	030.23 200-ZP-1 Operable Unit	6
C.2.4.7 Remediation – Groundwater and Deep Vadose Zone	030.23 200-ZP-1 Operable Unit	6
C.2.4.6 OU Decision Document Activities	030.24 200-PW-1 Operable Unit	3
C.2.4.7 Remediation – Groundwater and Deep Vadose Zone	030.24 200-PW-1 Operable Unit	3
C.2.4.6 OU Decision Document Activities	030.30 300-FF-5 Operable Unit	3
C.2.4.7 Remediation – Groundwater and Deep Vadose Zone	030.30 300-FF-5 Operable Unit	3
C.2.4.4.2 Soil Boring and Sampling	030.31 PBS RL-30 Reg Decisions and Closure Integration	3
C.2.4.1.1 Groundwater and Vadose Zone Remediation Integration	030.31 PBS RL-30 Reg Decisions and Closure Integration	3
C.2.4.4.4 Treatability Tests	030.31 PBS RL-30 Reg Decisions and Closure Integration	3
C.2.4.6 OU Decision Document Activities	030.31 PBS RL-30 Reg Decisions and Closure Integration	3
C.2.4.4.2 Soil Boring and Sampling	030.31 PBS RL-30 Reg Decisions and Closure Integration	6
C.2.4.4.4 Treatability Tests	030.31 PBS RL-30 Reg Decisions and Closure Integration	6
C.2.4.6 OU Decision Document Activities	030.31 PBS RL-30 Reg Decisions and Closure Integration	6
C.2.4.4.4 Treatability Tests	030.32 Deep Vadose Zone Treatability Tests	3
C.2.4.6 OU Decision Document Activities	030.33 Deep Vadose Zone Operable Unit	3
C.2.4 Groundwater Vadose Zone Project and Soil Remediation Decision Documents	030.90 Usage Based Services Distributions -PBS RL-30	1
C.2.4 Groundwater Vadose Zone Project and Soil Remediation Decision Documents	030.91 RL-30 CHPRC Allocations	3
C.2.4 Groundwater Vadose Zone Project and Soil Remediation Decision Documents	030.97 PBS RL-30 Company Level Initiatives	3
C.2.4 Groundwater Vadose Zone Project and Soil Remediation Decision Documents	030.98 Ramp-up and transition	1
C.2.4 Groundwater Vadose Zone Project and Soil Remediation Decision Documents	030.98 Ramp-up and transition	6
C.2.4 Groundwater Vadose Zone Project and Soil Remediation Decision Documents	030.99 PBS RL-30 UBS, G-n-A, and Direct Distrib	1
C.2.4 Groundwater Vadose Zone Project and Soil Remediation Decision Documents	030.99 PBS RL-30 UBS, G-n-A, and Direct Distrib	3
C.2.4 Groundwater Vadose Zone Project and Soil Remediation Decision Documents	030.99 PBS RL-30 UBS, G-n-A, and Direct Distrib	6
C.2.5 Soil and Facility Remediation/Disposition	040.01 PBS RL-40 Reg Decisions & Closure Integration	1
C.2.5 Soil and Facility Remediation/Disposition	040.01 PBS RL-40 Reg Decisions & Closure Integration	6
C.2.5 Soil and Facility Remediation/Disposition	040.90 Usage Based Services Distributions - PBS RL-40	1
C.2.5 Soil and Facility Remediation/Disposition	040.90 Usage Based Services Distributions - PBS RL-40	6
C.2.5 Soil and Facility Remediation/Disposition	040.91 RL-40 CHPRC Allocations	1
C.2.5 Soil and Facility Remediation/Disposition	040.97 PBS RL-40 Company Level Level Initiatives	1
C.2.5 Soil and Facility Remediation/Disposition	040.98 WBS 040 Ramp-up and Transition	1
C.2.5 Soil and Facility Remediation/Disposition	040.98 WBS 040 Ramp-up and Transition	6
C.2.5 Soil and Facility Remediation/Disposition	040.99 PBS RL-40 UBS, G-n-A, and Direct Distrib	1
C.2.5 Soil and Facility Remediation/Disposition	040.99 PBS RL-40 UBS, G-n-A, and Direct Distrib	6
C.2.5.1 Facility and Waste Site Minimum-Safe Operations	040.03 Min-Safe for Facilities and Waste Sites	1
C.2.5.2 Facility OU Decision Document Activities	040.01 PBS RL-40 Reg Decisions & Closure Integration	3

ATTACHMENT J-11
CONTRACT LINE ITEM NUMBER (CLIN) ASSIGNMENT AGAINST CONTRACT STRUCTURE

PRC STATEMENT OF WORK SECTION	ASSIGNED WBS ELEMENTS	CLIN
C.2.5.2 Facility OU Decision Document Activities	030.31 PBS RL-30 Reg Decisions and Closure Integration	3
C.2.5.2 Facility OU Decision Document Activities	030.31 PBS RL-30 Reg Decisions and Closure Integration	6
C.2.5.3 Remediation Optimization	040.01 PBS RL-40 Reg Decisions & Closure Integration	3
C.2.5.4 Remediation - Closure	040.01 PBS RL-40 Reg Decisions & Closure Integration	3
C.2.5.2 Facility OU Decision Document Activities	040.02.01 200-E Admin Zone	4
C.2.5.3 Remediation Optimization	040.02.01 200-E Admin Zone	4
C.2.5.4 Remediation - Closure	040.02.01 200-E Admin Zone	4
C.2.5.4 Remediation - Closure	040.02.01 200-E Admin Zone	6
C.2.5.4 Remediation - Closure	040.02.02 200-E Ponds Zone	4
C.2.5.4 Remediation - Closure	040.02.02 200-E Ponds Zone	6
C.2.5.4 Remediation - Closure	040.02.03 200-W Ponds Zone in Industrial Exclusive Zone	4
C.2.5.3 Remediation Optimization	040.02.04 B Farm Zone	4
C.2.5.4 Remediation - Closure	040.02.04 B Farm Zone	4
C.2.5.4 Remediation - Closure	040.02.05 B Plant Zone	4
C.2.5.3 Remediation Optimization	040.02.05 B Plant Zone	4
C.2.5.4 Remediation - Closure	040.02.06 C Farm Zone	4
C.2.5.3 Remediation Optimization	040.02.06 C Farm Zone	4
C.2.5.4 Remediation - Closure	040.02.07 CSB Zone	4
C.2.5.3 Remediation Optimization	040.02.07 CSB Zone	4
C.2.5.4 Remediation - Closure	040.02.08 ERDF Zone	4
C.2.5.3 Remediation Optimization	040.02.08 ERDF Zone	4
C.2.5.4 Remediation - Closure	040.02.09 ETF Zone	4
C.2.5.3 Remediation Optimization	040.02.09 ETF Zone	4
C.2.5.2 Facility OU Decision Document Activities	040.02.10 PFP Zone	4
C.2.5.3 Remediation Optimization	040.02.10 PFP Zone	4
C.2.5.4 Remediation - Closure	040.02.10 PFP Zone	4
C.2.5.2 Facility OU Decision Document Activities	040.02.11 PUREX Zone	4
C.2.5.3 Remediation Optimization	040.02.11 PUREX Zone	4
C.2.5.4 Remediation - Closure	040.02.11 PUREX Zone	4
C.2.5.3 Remediation Optimization	040.02.12 REDOX Zone	4
C.2.5.4 Remediation - Closure	040.02.12 REDOX Zone	4
C.2.5.3 Remediation Optimization	040.02.13 S/U Farms Zone	4
C.2.5.4 Remediation - Closure	040.02.13 S/U Farms Zone	4
C.2.5.2 Facility OU Decision Document Activities	040.02.14 Semi-Works Zone	4
C.2.5.3 Remediation Optimization	040.02.14 Semi-Works Zone	4
C.2.5.4 Remediation - Closure	040.02.14 Semi-Works Zone	4
C.2.5.4 Remediation - Closure	040.02.14 Semi-Works Zone	6
C.2.5.3 Remediation Optimization	040.02.15 Solid Waste Zone	4

ATTACHMENT J-11
CONTRACT LINE ITEM NUMBER (CLIN) ASSIGNMENT AGAINST CONTRACT STRUCTURE

PRC STATEMENT OF WORK SECTION	ASSIGNED WBS ELEMENTS	CLIN
C.2.5.4 Remediation - Closure	040.02.15 Solid Waste Zone	4
C.2.5.3 Remediation Optimization	040.02.16 T-Farm Zone	4
C.2.5.4 Remediation - Closure	040.02.16 T-Farm Zone	4
C.2.5.2 Facility OU Decision Document Activities	040.02.17 T-Plant Zone	4
C.2.5.3 Remediation Optimization	040.02.17 T-Plant Zone	4
C.2.5.4 Remediation - Closure	040.02.17 T-Plant Zone	4
C.2.5.4 Remediation - Closure	040.02.17 T Plant Zone	6
C.2.5.2 Facility OU Decision Document Activities	040.02.18 U Plant Zone	4
C.2.5.3 Remediation Optimization	040.02.18 U Plant Zone	4
C.2.5.4 Remediation - Closure	040.02.18 U Plant Zone	4
C.2.5.4 Remediation - Closure	040.02.18 U Plant Zone	6
C.2.5.3 Remediation Optimization	040.02.19 Waste Management Zone	4
C.2.5.4 Remediation - Closure	040.02.19 Waste Management Zone	4
C.2.5.3 Remediation Optimization	040.02.20 WTP/A Farm Zone	4
C.2.5.4 Remediation - Closure	040.02.20 WTP/A Farm Zone	4
C.2.5.4 Remediation - Closure	040.02.21 IDF Zone	3
C.2.5.2 Facility OU Decision Document Activities	040.02.22 NRDWL/BC Control Zone	4
C.2.5.4 Remediation - Closure	040.02.22 NRDWL/BC Control Zone	4
C.2.5.4 Remediation - Closure	040.02.23 100 Area	4
C.2.5.2 Facility OU Decision Document Activities	040.02.24 600 Area (and Misc)	4
C.2.5.4 Remediation - Closure	040.02.24 600 Area (and Misc)	4
C.2.5.4 Remediation - Closure	040.02.24 600 Area (and Misc)	6
C.2.5.4 Remediation - Closure	040.02.25 300 Area	4
C.2.5.3 Remediation Optimization	040.02.26 400 Area	4
C.2.5.4 Remediation - Closure	040.02.26 400 Area	4
C.2.5.2 Facility OU Decision Document Activities	040.02.29 O Zone	4
C.2.5.3 Remediation Optimization	040.02.29 O Zone	4
C.2.5.4 Remediation - Closure	040.02.29 O Zone	4
C.2.5.4 Remediation - Closure	040.02.29 O Zone	6
C.2.5.4 Remediation - Closure	040.02.30 - PFP Implementation Area	4
C.2.5.5 Post Remediation Activities	040.02.30 - PFP Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.31 - U Plant Implementation Area	4
C.2.5.5 Post Remediation Activities	040.02.31 - U Plant Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.32 - 200 East Landfills 3 Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.33 - Balance of West Implementation Area	4
C.2.5.5 Post Remediation Activities	040.02.33 - Balance of West Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.34 - Balance of East Implementation Area	4
C.2.5.5 Post Remediation Activities	040.02.34 - Balance of East Implementation Area	4

**ATTACHMENT J-11
 CONTRACT LINE ITEM NUMBER (CLIN) ASSIGNMENT AGAINST CONTRACT STRUCTURE**

PRC STATEMENT OF WORK SECTION	ASSIGNED WBS ELEMENTS	CLIN
C.2.5.4 Remediation - Closure	040.02.36 - B Plant Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.37 - 200 East Landfills 2 Implementation Area	4
C.2.5.5 Post Remediation Activities	040.02.37 - 200 East Landfills 2 Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.38 - 200 West Landfills Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.39 - PUREX Implementation Area	4
C.2.5.5 Post Remediation Activities	040.02.39 - PUREX Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.40 - T Plant Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.41 - REDOX Implementation Area	4
C.2.5.5 Post Remediation Activities	040.02.41 - REDOX Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.42 - C Farm Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.43 - U Farm Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.44 - A Farm Implementation Area	4
C.2.5.5 Post Remediation Activities	040.02.44 - A Farm Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.45 - B Farm Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.46 - T Farm Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.47 - S Farm Implementation Area	4
C.2.5.4 Remediation - Closure	040.02.48 - ERDF Implementation Area	4
C.2.5.5 Post Remediation Activities	040.02 Zone Environmental Remediation	3
C.2.5.1 Facility and Waste Site Minimum-Safe Operations	040.03 Min-Safe for Facilities and Waste Sites	3
C.2.5.5 Post Remediation Activities	040.03 Min-Safe for Facilities and Waste Sites	3
C.2.6.1 Maintain Safe and Compliant FFTF Complex	042.01 FFTF Cleanup	1
C.2.6.2 FFTF Shutdown Activities	042.01 FFTF Cleanup	1
C.2.6 Fast Flux Test Facility	042.90 Usage Based Services Distributions -PBS RL-42 (Only UBS)	1
C.2.6 Fast Flux Test Facility	042.91 RL-42 CHPRC Allocations	1
C.2.6 Fast Flux Test Facility	042.97 PBS RL-42 Company Level Level Initiatives	1
C.2.6 Fast Flux Test Facility	042.98 PBS - 42 PRC Rewards & Recognition Program	1
C.2.6 Fast Flux Test Facility	042.99 PBS RL-42 UBS, G-n-A, and Direct Distrib	1
C.2.7.1 Maintain Safe and Compliant K Basin Facilities	012.01 Program Management	5
C.2.7 100 K Area	012.01 Program Management (Only UBS)	5
C.2.7.1 Maintain Safe and Compliant K Basin Facilities	012.02 Basins Operations & Maintenance	5
C.2.7.1 Maintain Safe and Compliant K Basin Facilities	012.03 Facility Operations	5
C.2.7.1 Maintain Safe and Compliant K Basin Facilities	012.09 Sludge and Fuel Disposition Management	5
C.2.7.7 100 K Area Structures and Waste Sites	012.11 100K Facilities Deactivation	5
C.2.7.2 KE Basin Demolition	012.13 KE Basin Demolition	5
C.2.7.5 KW Demolition	012.14 KW Basin Decontamination & Deactivation	5
C.2.7.5 KW Demolition	012.15 KW Basin Demolition	5

PRC STATEMENT OF WORK SECTION	ASSIGNED WBS ELEMENTS	CLIN
C.2.7.3 K Basins Sludge Treatment System	012.16 Sludge Treatment Project	5
C.2.7.3 K Basins Sludge Treatment System	012.17 D-401 KW Basin Sludge Removal Project	5
C.2.7.4 K Basins Sludge Treatment	012.16 Sludge Treatment Project	5
C.2.7.5 KW Demolition	012.16 Sludge Treatment Project	5
C.2.7 100 K Area	012.90 Usage Based Services Distributions -PBS RL-12 (Only UBS)	1
C.2.7 100 K Area	012.91 RL-12 CHPRC Allocations	5
C.2.7 100 K Area	012.97 PBS RL-12 Company Level Level Initiatives	5
C.2.7 100 K Area	012.98 Transition	1
C.2.7 100 K Area	012.98 Transition	5
C.2.7 100 K Area	012.99 PBS RL-12 UBS, G-n-A, and Direct Distrib	5
C.2.8 618-10 & 618-11 Burial Ground Remediation	041.02 PRC River Zone Environmental	3
C.2.7.6 Place K Reactors in Interim Safe Storage (ISS)	041.02 PRC River Zone Environmental	5
C.2.7.7 100 K Area Structures and Waste Sites	041.02 PRC River Zone Environmental	5
C.2.7.7 100 K Area Structures and Waste Sites	041.02.01 100K Area Regulatory Closure Documents	6
C.2.7.7 100 K Area Structures and Waste Sites	041.02.02 100-K Group 1 Remediation	6
C.2.7.7 100 K Area Structures and Waste Sites	041.02.04 100-K Group 3 Remediation	6
C.2.7.5 KW Demolition	041.02.06 105KE & 105KW Reactor Disposition	6
C.2.7.6 Place K Reactors in Interim Safe Storage (ISS)	041.02.06 105KE & 105KW Reactor Disposition	6
C.2.7.7 100 K Area Structures and Waste Sites	041.02.06 KW Deactivation	6
C.2.7.1 Maintain Safe and Compliant K Basin Facilities	041.02.07 100K Area Utilities	6
C.2.7 100 K Area	041.02.10 Transition Subc Assignments	1
C.2.7 100 K Area	041.02.11 100K Project Management	5
C.2.7 100 K Area	041.02.11 100K Project Management	6
C.2.7 100 K Area	041.90 Usage Based Services Distributions -PBS RL-41 (Only UBS)	1
C.2.7 100 K Area	041.90 Usage Based Services Distributions -PBS RL-41 (Only UBS)	6
C.2.7 100 K Area	041.91 RL-41 CHPRC Allocations	5
C.2.7 100 K Area	041.97 PBS RL-41 Company Level Level Initiatives	5
C.2.7.7 100 K Area Structures and Waste Sites	041.98 WBS 041 Ramp-up and transition	1
C.2.7.7 100 K Area Structures and Waste Sites	041.98 WBS 041 Ramp-up and transition	6
C.2.7 100 K Area	041.99 PBS RL-41 UBS, G-n-A, and Direct Distrib	1
C.2.7 100 K Area	041.99 PBS RL-41 UBS, G-n-A, and Direct Distrib	6
C.3 Description of Project Support Performance Requirements	000 Closure Services	6
C.3 Description of Project Support Performance Requirements	000.13 Usage Based Services Distribution	1
C.3 Description of Project Support Performance Requirements	000.17 Platear Remediation Contract General and Administration	1
C.3 Description of Project Support Performance Requirements	000.18 Platear Remediation Contract Direct Distributables	1
C.3 Description of Project Support Performance Requirements	000.19 - ARRA Ramp-Up	1
C.3 Description of Project Support Performance Requirements	000.20 - Workforce Restructuring Program	1

PRC STATEMENT OF WORK SECTION	ASSIGNED WBS ELEMENTS	CLIN
C.3 Description of Project Support Performance Requirements	000.21 - Rewards and Recognition Program	1
C.3 Description of Project Support Performance Requirements	030.98 Ramp-up and Transition	6