

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE \_\_\_\_\_ PAGE **1** OF **23** PAGES

2. AMENDMENT/MODIFICATION NO. **363** 3. EFFECTIVE DATE (M/D/Y) **See Block 16C** 4. REQUISITION/PURCHASE REQ. NO. \_\_\_\_\_ 5. PROJECT NO. (If applicable) \_\_\_\_\_

6. ISSUED BY CODE \_\_\_\_\_ 7. ADMINISTERED BY (If other than Item 6) CODE \_\_\_\_\_  
**U.S. Department of Energy**  
**Office of River Protection**  
**P. O. Box 450, MS H6-60**  
**Richland, WA 99352**

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code)  
**Bechtel National, Inc.**  
**2435 Stevens Center Place**  
**Richland, WA 99354**

9A. AMENDMENT OF SOLICITATION NO. \_\_\_\_\_  
 9B. DATED (SEE ITEM 11) \_\_\_\_\_  
 10A. MODIFICATION OF CONTRACT/ ORDER NO. **DE-AC27-01RV14136**  
 10B. DATED (SEE ITEM 13) **December 11, 2000**

CODE **396A5** FACILITY CODE **153392068**

**11. THIS ITEM 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 DATE AND HOUR 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 amendment and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) \_\_\_\_\_

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS SET FORTH 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 ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF:  
 Clause I.82, FAR 52.243-2 Changes - Cost Reimbursement (AUG 1987) - Alternate III (APR 1984)

D. OTHER (Specify type of modification and authority) \_\_\_\_\_

**E. IMPORTANT: Contractor  is not,  is required to sign this document and return 2 copies to the issuing office.**

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

See following page(s)  
 Period of Performance: 12/11/2000 to 8/15/2019

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
**Margaret G. McCullough**  
**Project Director**

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
~~Katie A. Mair~~ **Ronald E Cone Jr**  
**Contracting Officer**

15B. CONTRACTOR/OFFEROR  
**Margaret G. McCullough**  
 (Signature of person authorized to sign)

15C. DATE SIGNED  
**2/23/16**

16B. UNITED STATES OF AMERICA  
 BY **Ronald E Cone Jr**  
 (Signature of Contracting Officer)

16C. DATE SIGNED  
**2-24-16**

**Purpose of Modification:**

The purpose of this modification is to make the following changes:

1. Section B, Supplies or Services and Prices/Costs, is updated to make the following change:
  - a. Attachment B-2-B-2, Table B-2-B-2 PEMP, is revised to incorporate the 2016 PEMP, Rev.0, dated January 1, 2016, into the contract by reference.
2. Section C, Statement of Work, is revised as follows:
  - a. Revise Table C.5-1.1, Deliverables, to establish Contract Deliverable item 3.3(c), Engineering, Procurement, and Construction Code of Record.
  - b. Revise Standard 3(b)(3) per CCN 282173 to incorporate the additional paragraph reference to the Engineering, Procurement, and Construction (EPC) Code of Record.
  - c. Revise Section C.6, Standard 1(a)(2) to remove the reference to the RPP Integrated Master Plan (IMP).
  - d. Revise Section C.6, Standard 1(d)(6) to add CRD reference to DOE Order 231.1B.
  - e. Revise C.7(b)(5) and (6), Facility Specifications.
3. Section G, Contract Administration Data, Clause G.9(d)(1), Reports and Drawings, is revised.
4. Section I, Contract Clauses, is updated as follows:
  - a. Clause I.9A, FAR 52.204-7 Contractor Registration (OCT 2003), is deleted in its entirety, as this is a Contract Provision.
  - b. Clause I.22 is updated from FAR 52.219-8 Utilization of Small Business Concerns (OCT 1999) to FAR 52.219-8 Utilization of Small Business Concerns (OCT 2014).
5. Section J, List of Attachments, is revised as follows:
  - a. Attachment E(b) List of Applicable Directives is revised as follows:
    - i. Revise DOE O 551.1D, CRD Note 4.
    - ii. Revise DOE O 425.1D, Chg 1, CRD to add Cross Reference note "Contractor shall implement in accordance with CCN 281821 (363)".
    - iii. Revise DOE O 420.1B, Chapter V, to add CRD.
    - iv. Revise DOE O 231.1B to add CRD.
    - v. Revise DOE O 433.1B to add CRD and revise Note 13.
    - vi. Revise DOE O 225.1B to add CRD and revise Note 9.

- b. Attachment J, item 12, is changed to correct a typo of “CNN” to “CCN”.

These changes are performed under the authority provided by Contract Clause I.82, FAR 52.243-2 *Changes – Cost Reimbursement (AUG 1987) – Alternate III (APR 1984)* at no additional cost to the Government.

**Description of Modification:**

1. Section B, Supplies or Services and Prices/Costs, is updated to make the following change:
- a. Attachment B-2-B-2, Table B-2-B-2 PEMP, is revised to incorporate the 2016 PEMP, Rev.0, dated January 1, 2016, into the contract by reference. Table B-2-B-2 PEMP is revised as follows:

**Table B-2-B-2. PEMP**

Calendar Year (CY)	Award Fee Period	PEMP Revision	Effective Date
2009	2009-A	Rev. 0	February 1, 2009
	2009-B	Rev. 0	July 1, 2009
2010	2010-A	Rev. 0	January 1, 2010
	2010-A	Rev. 1	April 19, 2010
	2010-B	Rev. 0	July 1, 2010
2011	2011-A	Rev. 0	January 1, 2011
	2011-B	Rev. 0	July 1, 2011
2012	2012-A	Rev. 0	January 1, 2012
	2012-A	Rev. 1	January 31, 2012
	2012-A	Rev. 2	April 15, 2012
	2012-B	Rev. 0	July 1, 2012
2013	2013-A	Rev. 0	January 1, 2013
	2013-B	Rev. 0	July 1, 2013
2014	2014-A	Rev. 0	January 1, 2014
	2014-B	Rev. 0	July 1, 2014
2015	2015	Rev. 0	January 1, 2015
2016	2016	Rev. 0	January 1, 2016
2017	2017		
2018	2018		
2019	2019		

2. Section C, Statement of Work, is revised as follows:

- a. Revise Table C.5-1.1, Deliverables, to establish Contract Deliverable item 3.3(c), Engineering, Procurement, and Construction Code of Record. Table C.5-1.1 is revised as follows:

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
C5.1	Select a Commissioning Contractor	Section C.5 [C.5(a)(4)]	A	D	COR (M131)	4/15/2001
1.1	Plan for Transition	Section C.5 [C.5(a)(1)]	A	D	COR (M131)	2/15/2001
1.2	Project Execution Plan	Standard 1 [Std. 1 (b)(2)]	A	D	COR (M131)	12/15/2006 with updates as required
1.3	Earned Value Management System Description	Standard 1 [Std. 1 (a) & (b)(3)]	A	D	COR (M131)	4/15/2001 with updates as required
1.4	Interface Management Plan	Standard 1 [Std. 1 (b)(1) and C.9(b)]	A	D	COR (M131)	6/29/2001 with updates as required
1.5	WTP Project Baseline	Standard 1 [Std. 1 (d)(3)]	A	D	COR (M131)	4/15/2001 with updates as required
1.6	Baseline Risk Plan	Standard 1 [Std.1 (c)(1)]	A	D	COR (M131)	7/1/2001 with annual updates as required
1.7	Monthly Status Report	Standard 1 [Std. 1 (c)(4), (a)(2)(i)(d) & (d)(1), Std 3 (g)(3), and Std 4 (f)(2)]	I	D	COR (M131)	First Wednesday of the second month
1.8	Occurrence Reporting	Standard 1 [Std. 1 (d)(5)] (M147)	A	D	COR (M131)	as required
1.9	ES&H Reporting	Standard 1 [Std. 1 (d)(6)] (M147)	A	D	COR (M131)	as required
1.10	Contract Performance Report	Standard 1 [Std. 1 (d)(2)]	I	D	COR (M131)	Last Wednesday of each month (M147)
1.11	Change Control Program Procedure	Standard 1 [Std. 1 (a) & (a)(4)]	A	D	COR (M131)	05/15/03 with updates as required Delivery 30 days after contract modification – implementation 60 days after Approval
1.12	Electronic Data	Standard 1 (d)(3) & (4)	I	D	COR (M131)	Last Wednesday of each month (M147)

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
2.1	Updated Research and Technology Program Plan	Standard 2 [Std. 2 (a)(1)(ii) & C.7 Table C.7-1.1 Note 1]	A	D	COR (M131)	4/15/2001 with annual updates through 2004 and with updates as needed from 6/30/2008 through the initiation of cold commissioning
2.2	R&T Test Plans	Standard 2 [Std. 2 (a)(2)(i) & (a)(3)(ix)]	I	D	COR (M131)	as required
2.3	R&T Test Reports	Standard 2 [Std. 2 (a)(2)(ii) & (a)(3)(ix)]	C	D	COR (M131)	as required
2.4	Regulatory Data Quality Objective (DQO)	Standard 2 [Std. 2 (a)(3)(i)(D)]	A	D	COR (M131)	TBD as negotiated
2.5	Operations Research Assessment	Standard 2 [Std. 2 (b)(1) & Std 3 (c)(6)(ii)(A)]	C	D	COR (M131)	12/19/2008, 6/19/2010, FEBRUARY of 2012, MAY of (310) 2014 and 2016 and after completion of Cold Commissioning and completion of Hot Commissioning (239)
2.6	WTP Tank Utilization Assessment	Standard 2 [Std. 2 (b)(2)]	C	D	COR (M131)	12/19/2008, 6/19/2010, FEBRUARY 2012, AUGUST 2014 (310), NOVEMBER 2016 (310), and after completion of Cold Commissioning and completion of Hot Commissioning (239)
2.7	DELETED (230)					
2.8	Technical Report on Oxidative Leaching	Standard 2 [Std. 2 (a)(3)(ix)]	C	D	COR (M131)	TBD
2.9	Test Report on Oxidative Leaching	Standard 2 [Std. 2 (a)(3)(ix); Std 5 (e)(3)(ii)]	C	D	COR (M131)	TBD

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
2.10	Proposed Process Steps for Sludge Treatment	Standard 2 [Std. 2 (a)(3)(iii) & C.7(d)(1)(vii)]	A	D	COR (M131)	one year before the start of cold commissioning for the Pretreatment Facility (255)
2.11	Proposed Deminimus Organic Concentration in Received Tank Waste	Standard 2 [Std. 2 (a)(3)(viii)]	A	D	COR (M131)	12/31/2012 (255)
3.1	Design Process	Standard 3 [Std. 3 (a)(2)]	I	D	COR (M131)	2/15/2001 1/15/2004
3.2	Functional Specification	Standard 3 [Std. 3 (b)(1)]	I	D	COR (M131)	8/20/2001 with updates as required
3.3 (a)	Basis of Design	Standard 3 [Std. 3 (b)(2) & C.7(b)(1)]	C (M171)	D	COR (M131)	8/20/2001 with updates as required
3.3 (b)	Design Criteria Database	Standard 3 [Std. 3 (b)(3)]	M	D	COR (M131)	30 days after issue of Basis of Design, with updates as required
3.3 (c)	Engineering, Procurement, and Construction Code of Record	Standard 3 [Std. 3 (b)(6)]	A for initial Deliverable, Revisions, Change Notices. C for Case-by-Case Exceptions	D	COR (363)	9/18/2015 with updates as required
3.4	Operations Requirements Document	Standard 3 [Std. 3 (b)(4)]	A for bolded document text and M for non-bolded document text	D	COR (M131)	8/20/2001
3.5	Master Equipment List	Standard 3 [Std. 3 (c)(6)(i)]	C	D	COR (M131)	Prior to ORR completion
3.6	Analytical Laboratory Design Requirements	Standard 3 [Std. 3 (c)(18) & C.7(a)(9)] (350)	A	D	COR (M131)	10/1/2001 and as required thereafter
3.7	Site Layout Drawings	Standard 3 [Std. 3 (c)(19)]	A	D	COR (M131)	4/15/2001 and as required thereafter
3.8	Optimization Studies	Standard 3 [Std. 3 (d)]	A	D	COR (M131)	3/15/2001

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
3.9	Spare Parts List	Standard 3 [Std. 3 (c)(6)(ii, iii, & iv)]	C	D	COR (M131)	Prior to Completion of the Operational Readiness Reviews (M196)
3.10	Deleted					
4.1	Construction, Procurement, and Acceptance Testing Plan	Standard 4 [Std. 4(a), (f)(3) & (i)]	A on initial Deliverable and I for any subsequent updates	D	COR (M131)	As required
4.2	Purchasing System	Standard 4 [Std. 4 (b)(2)]	A	D	COR (M131)	As required
4.3	Construction Bid and Work Packages	Standard 4 [Std. 4(c)]	I	D	COR (M131)	As required
4.4	Construction and Acceptance Testing Program	Standard 4 [Std. 4(f)(1)]	A	D	COR (M131)	Prior to start of construction
4.5	Construction Overview Meetings	Standard 4 [Std. 4(h)]	M	D	COR (M131)	Ongoing
4.6	Construction Emergency Response Plan	Standard 4 [Std. 4(j)]	I	D	COR (M131)	Prior to Start of Limited Construction
4.7	As-built Program Description	Standard 4 [Std. 4(f)(5)]	C	D	COR (M131)	June 2009
5.1	Commissioning Plan	Standard 5 [Std. 5(c)]	A	D	COR (M131)	12 months prior to start of cold commissioning, as required thereafter
5.2	Deleted					
5.3	Waste Form Qualification Tests	Standard 5 [Std. 5 (e)(3)(i)]	P	D	COR (M131)	during cold commissioning
5.4	Cold Commissioning Capacity Tests	Standard 5 [Std. 5 (e)(3)(ii)]	A	D	COR (M131)	during cold commissioning
5.5	DELETED (A029)					
5.6	Resultant Products from Cold Commissioning	Standard 5 [Std. 5 (e)(1)]	P	D	COR (M131)	during cold commissioning
5.7	Environmental Performance Test	Standard 5 [Std. 5 (e)(3)(v)]	A	D	COR (M131)	during cold commissioning
5.8	Cold Commissioning Results	Standard 5 [Std. 5 (e)(5)]	A	D	COR (M131)	prior to hot commissioning
5.9	Certification of Completion of Cold Commissioning	Standard 5 [Std. 5 (e)(6)]	A	D	COR (M131)	when complete

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
5.10	Certification of Readiness for Hot Commissioning Start	Standard 5 [Std. 5 (g)(1)]	A	D	COR (M131)	prior to hot commissioning
5.11	Certification of Hot Commissioning Start	Standard 5 [Std. 5 (g)(3)]	A	D	COR (M131)	Upon receipt of Tank Farm waste feed
5.12	Hot Commissioning Capacity Tests	Standard 5 [Std. 5(g)(5)]	A	D	COR (M131)	during hot commissioning
5.13	Resultant Products from Hot Commissioning	Standard 5 [Std. 5 (g)(iii & iv)]	P	D	COR (M131)	during hot commissioning
5.14	Hot Commissioning Results and Documentation	Standard 5 [Std. 5 (g)(6)]	A	D	COR (M131)	upon completion of hot commissioning
5.15	Certification of Completion of Hot Commissioning	Standard 5 [Std. 5 (g)(7) & 5(m)(1, 3 & 4)] (350)	A	D	COR (M131)	when complete
5.16	Facility Turnover	Standard 5 [Std. 5(m)(7)]	A	D	COR (M131)	after successful commissioning
5.17	Deleted					
5.18	Cold Commissioning Simulant Definition	Standard 5 [Std. 5 (b) & Table C.6-5.1 Note 1.]	A	D	COR (M131)	24 months prior to the initiation of cold commissioning
5.19	WTP Facility Transition Plan	Standard 5 [Std. 5 (i); (j); & (m)(7)]	A	D	COR (M131)	12 months prior to the initiation of hot commissioning
5.20	Cold Commissioning Capacity Test Criteria	Standard 5 [Std. 5(e)(3)(ii) & Table C.6-5.1 Note 2]	A	D	COR (M131)	Prior to completion of Deliverable 5.8
5.21	Hot Commissioning Capacity Test Criteria	Standard 5 (Std. 5(g)(4) & Table C.6-5.2 Note 1))	A	D	COR (M131)	Prior to completion of Deliverable 5.14
5.22	WTP Operational Readiness Support Plan (Jointly submitted with Tank Farms Operating Contractor (TOC) as TOC deliverable C.2.3.2-1) (257)	Standard 5 [Std. 5 (f) (i)]	A	D	COR	9/30/2013 with annual updates thereafter (285)
6.1	Secondary Wastes Compliance Plan	Standard 6 [Std. 5 (e)(1)(i) & (e)(3)(i & ii), Std. 6(b), (c)(3 & 4), C.8 Spec. 9.2.2.5]	A	D	COR (M131)	2004, 2006, 2008, and as required thereafter

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
6.2	IHLW Waste Form Compliance Plan	Standard 6 [Std. 2 (a) (3)(vii)(B); Std 5 (e)(1)(i) & (e)(3)(i & ii); Std. 6 (b), (c)(2 & 4), C.7(d)(2)(i), C.8 (Spec. 1 (1.4) & Spec. 13 (13.3.2))]	A	D	COR (M131)	2004, 2005, 2007, 2009, and as required thereafter
6.3	ILAW Product Compliance Plan	Standard 6 [Std. 2 (a)(3)(v)(B), Std. 5 (e)(1)(i) & (e)(3)(i & ii); Std. 6(b) & (c)(1 & 4), C.7(d)(3)(i); C.8 Spec. 2, 2.2.2.11, & 2.4]	A	D	COR (M131)	2004, 2006, 2008, and as required thereafter
6.4	IHLW Product Qualification Report	Standard 6 [Std. 6 (c) (5) & (6)]	C/A	D	COR (M131)	Plan in 2004, report in 2008 and as required thereafter
6.5	Production Documentation for IHLW Product	Standard 6 [Std 6 (c)(9)]	A	D	COR (M131)	at time of production
6.6	ILAW Product Qualification Report	Standard 6 [Std. 6(c)(5) Spec. 2 (2.2.7.1)]	C/A	D	COR (M131)	Plan in 2004, report in 2007 and as required thereafter
6.7	Production Documentation for ILAW Product	Standard 6 [Std 6(c)(9); C.8 Spec. 2, 2.2.2.6.2 & 2.2.2.7.2]	C/A	D	COR (M131)	at time of production
6.8	Deleted					
6.9	Reserved					
6.10	Secondary Wastes Production Documentation	Standard 6 [Std. 6 (c)(9)]	C/A	D	COR (M131)	at time of production
6.11	Deleted					
7.0	Non-radiological Worker Safety and Health	Standard 7 [Std 7 (e)(1)]	R	D	COR (M131)	per Standard 7.a(1)
7.1	Deleted (M166)					

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
7.2	Quality Assurance	Standard 7 [Std 7 (e)(3); C.8 Spec 2, 2.3 and Spec 12, 12.3]	A/R	D	COR (M131)	4/15/2001
7.3	Environmental Plan	Standard 7 [Std 7 (e)(4) & (e)(4)(vi)(A)]	A	D	COR (M131)	3/15/2001 and as required thereafter
7.4	Deleted					
7.5	Dangerous Waste Permit Application	Standard 7 [Std 7 (e)(4)(vi)(B)]	A	D	COR (M131)	as required
7.6	Risk Assessment Work Plan	Standard 7 [Std 7 (e)(4)(vi)(C) & Std 5 (e)(3)(v)]	A	D	COR (M131)	as required
7.7	Notice(s) of Construction	Standard 7 [Std 7 (e)(4)(vi)(D)]	A	D	COR (M131)	150 days prior to submission to the regulators
7.8	Prevention of Significant Deterioration (PSD) Permit Application	Standard 7 [Std 7 (e)(4)(vi)(E)]	A	D	COR (M131)	150 days prior to submission to the regulators
7.9	Petition for Exemption or Exclusion for IHLW	Standard 7 [Std 6(c)(7), Std 7 (e)(4)(vi)(F)]	A	D	COR (M131)	06/2005
7.10	Petition for a New Treatment Standard	Standard 7 [Std 6 (c)(8), Std 7 (e)(4)(vi)(G)]	A	D	COR (M131)	08/2003
8.0	Safeguards and Security	Standard 8 [Table S8-1]	A	D	COR (M131)	see Table S8-1
9.1	Radiological, Nuclear and Process Safety (M166)	Standard 9 [Std 9]	R	D	COR (M131)	Various (303)
C.7-1	Procedure to Determine the Waste Feed Treatment Approach	C.7(d) (1)(vii) Spec. 12	A	D	COR (M131)	one year before the start of cold commissioning for the Pretreatment Facility (255)
C.8-1 (350)	Compositional and radionuclide limits for Envelope E	C.8 Spec 7 (7.2.2.1)	C	D	COR	TBD
C.9.1	Interface Control Documents	Section C.9	J	D	COR (M131)	7/15/2001, 3/15/2002, and as required

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
H.1	Environmental Permits	Clause H.26 (d)(M152)	A	D	COR (M131)	ongoing
H.2	Litigation Management Plan	Clause H.33	A	D	COR (M131)	4/15/2001
H.3	Deleted					
H.4	Property Management System (M120)	Clause H.51	A	D	COR (M131)	10/1/2008, with annual updates thereafter

b. Revise Standard 3(b)(3) per CCN 282173 to incorporate the additional paragraph reference to the Engineering, Procurement, and Construction (EPC) Code of Record. Section 3(b)(3) is revised as follows:

- (3) The Contractor shall prepare for DOE review a Design Criteria Database (DCD) (Table C.5-1.1, Deliverable 3.3(b)). The DCD shall be used to identify potential design inputs from the design criteria contained in the source documents. The DCD shall be based on the WTP Conceptual Design and supporting documentation and updated as source documents are revised. The DCD shall contain design criteria extracted verbatim from the following source documents (and others as appropriate):
- (i) Initial Safety Analysis Report (Preliminary Safety Analysis Report [PSAR]/Final Safety Analysis Report [FSAR] when submitted/approved);
  - (ii) Integrated Safety Management Plan;
  - (iii) Radiation Protection Plan for Design and Construction;
  - (iv) Safety Requirements Document-Volume II;
  - (v) Deleted (226);
  - (vi) RPP-WTP Contract;
  - (vii) Basis of Design;
  - (viii) Functional Specification;

- (ix) Operations Requirements Document;
- (x) Deleted (226);
- (xi) Partial Construction Authorization Requests(s) (when submitted/approved);
- (xii) Construction Authorization Request(s) (when submitted/approved);
- (xiii) Dangerous Waste Permit Application (when submitted/approved);
- (xiv) Notices of Construction (when submitted/approved);
- (xv) Prevention of Significant Deterioration to the Environment (when submitted/approved); and
- (xvi) Interface Control Documents; and
- (xvii) Engineering, Procurement, and Construction (EPC) Code of Record.

c. Revise Section C.6, Standard 1(a)(2) to remove the reference to the RPP Integrated Master Plan (IMP). This plan document was superseded with the implementation of DOE O 413.3 in Modification 55 and the requirement to implement EVMS. The first paragraph in Standard 1(a)(2) is revised as follows:

(2) Schedule Baseline: The WTP baseline schedule shall be an activity-based, logic-driven schedule. The schedule logic shall be integrated with a networked hierarchy containing detailed tasks necessary to ensure successful project execution. The schedule shall support networked summarization at Level 1, Project Summary Schedule, Level 2, Executive Level Schedule, Level 3, Project Intermediate Schedule, to the Level 4, Detailed Working Schedule. The scheduled activities shall be vertically traceable to the ~~RPP Integrated Master Plan (IMP), the~~ WBS, and EVMS control accounts. The WTP schedule shall be used to verify attainability of the contract level milestone defined in Contract Section F.1(b), to evaluate progress toward meeting program objectives through tracking Activity and Facility Milestones as outlined in Section B.4(c), and to integrate the program schedule activities with all related work activities and milestones.

d. Revise Section C.6, Standard 1(d)(6) to add CRD reference to DOE Order 231.1B. Standard 1(d)(6) is revised as follows:

(6) Environment, Safety, and Health Reporting: In addition to the *Occupational Safety and Health Act of 1970* and the *Price Anderson Amendments Act of 1988* (10 CFR 820) reporting requirements, the Contractor shall report all information specified in DOE Order 231.1B, CRD (310)(363). The Contractor process will specify this requirement in contracts down to the lowest-tier subcontractor. The Contractor process will accumulate and provide a single report responding to requirement information for both the Contractor and all subcontractors (Table C.5-1.1, Deliverable 1.9). For occurrence reporting the Contractor shall adhere to the requirements of the Supplemental Contractor Requirements Document (SCRD) of DOE Order 232.2 (256).

e. Revise Section C.7(b)(5) and (6), Facility Specifications as follows:

(5) The Pretreatment Facility shall have sufficient HLW waste feed storage volume to support HLW operations at its design capacity as specified in Table C.7-1.1, *WTP Facility Design Capacity*. ~~the feed-forward capability for a nominal 240,000 gallons of feed-lag storage for HLW vitrification facility operations, based upon the facility design capacity, while being capable of receiving without interruption no less than 145,000 (M183) gallons of HLW feed per batch.~~ HLW feed batch receipt facilities shall be designed to allow receipt without interruption to waste feed processing.

(6) The Pretreatment Facility shall have the capability to prepare, sample and store at least ~~81,000 gallons of transferable and~~ blended HLW feed in a sufficient volume to operate the HLW vitrification facility at its design capacity as specified in Table C.7-1.1. ~~within a single vessel for transfer to the HLW Vitrification Facility.~~

3. Section G, Contract Administration Data, Clause G.9(d)(1), Reports and Drawings, is revised as follows:

From:

One reproducible hard copy with attachments and enclosures and one electronic copy of all to the COR. (M127)

To:

One reproducible hard copy with attachments and enclosures and one electronic copy of all to the COR, **unless otherwise agreed to by the parties.** (M127)(363)

4. Section I, Contract Clauses, is updated as follows:

a. Clause I.9A, FAR 52.204-7 Contractor Registration (OCT 2003), is deleted in its entirety, as this is a Contract Provision.

b. Clause I.22 is updated from FAR 52.219-8 Utilization of Small Business Concerns (OCT 1999) to FAR 52.219-8 Utilization of Small Business Concerns (OCT 2014). I.22 is updated as follows:

**I.22 FAR 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS (OCT 2014)**

(a) *Definitions.* As used in this contract--

"HUBZone small business concern" means a small business concern that appears on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration.

"Service-disabled veteran-owned small business concern"—

(1) Means a small business concern—

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) "Service-disabled veteran" means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a small business as defined pursuant to Section 3 of the Small Business Act and relevant regulations promulgated pursuant thereto.

"Small disadvantaged business concern, consistent with 13 CFR 124.1002," means a small business concern under the size standard applicable to the acquisition, that--

(1) Is at least 51 percent unconditionally and directly owned (as defined at 13 CFR 124.105) by--

(i) One or more socially disadvantaged (as defined at 13 CFR 124.103) and economically disadvantaged (as defined at 13 CFR 124.104) individuals who are citizens of the United States; and

(ii) Each individual claiming economic disadvantage has a net worth not exceeding \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(2) The management and daily business operations of which are controlled (as defined at 13.CFR 124.106) by individuals, who meet the criteria in paragraphs (1)(i) and (ii) of this definition.

"Veteran-owned small business concern" means a small business concern—

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern--

(1) That is at least 51 percent owned by one or more women, or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(b) It is the policy of the United States that small business concerns, veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns, and women-owned small business concerns shall have the maximum practicable opportunity to participate in performing contracts let by any Federal agency, including contracts and subcontracts for subsystems, assemblies, components, and related services for major systems. It is further the policy of the United States that its prime contractors establish procedures to ensure the timely payment of amounts due pursuant to the terms of their subcontracts with small business concerns, veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns, and women-owned small business concerns.

(c) The Contractor hereby agrees to carry out this policy in the awarding of subcontracts to the fullest extent consistent with efficient contract performance. The Contractor further agrees to cooperate in any studies or surveys as may be conducted by the United States Small Business Administration or the awarding agency of the United States as may be necessary to determine the extent of the Contractor's compliance with this clause.

(d)

(1) Contractors acting in good faith may rely on written representations by their subcontractors regarding their status as a small business concern, a veteran-owned small business concern, a service-disabled veteran-owned small business concern, a small disadvantaged business concern, or a women-owned small business concern.

(2) The Contractor shall confirm that a subcontractor representing itself as a HUBZone small business concern is certified by SBA as a HUBZone small business concern by accessing the System for Award Management database or by contacting the SBA. Options for contacting the SBA include—

(i) HUBZone small business database search application Web page at [http://dsbs.sba.gov/dsbs/search/dsp\\_searchhubzone.cfm](http://dsbs.sba.gov/dsbs/search/dsp_searchhubzone.cfm) ; or <http://www.sba.gov/hubzone> ;

(ii) In writing to the Director/HUB, U.S. Small Business Administration, 409 3<sup>rd</sup> Street, SW., Washington DC 20416; or

(iii) The SBA HUBZone Help Desk at [hubzone@sba.gov](mailto:hubzone@sba.gov) .

5. Section J, List of Attachments, is revised as follows:

a. Attachment E(b) List of Applicable Directives is revised as follows:

i. Revise DOE O 551.1D, CRD Note 4.

- ii. Revise DOE O 425.1D, Chg 1, CRD to add Cross Reference note “**Contractor shall implement in accordance with CCN 281821 (363)**”.
- iii. Revise DOE O 420.1B, Chapter V, to add CRD.
- iv. Revise DOE O 231.1B to add CRD.
- v. Revise DOE O 433.1B to add CRD and revise Note 13.
- vi. Revise DOE O 225.1B to add CRD and revise Note 9.

Attachment E(b) is revised as follows:

(b) Additional Directives applicable to this Contract. The directive(s) or applicable section(s) of the directive(s) are applied as specified in other Sections of this Contract.

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
<del>06-AMD-050</del> (CCN 144548)		DELETED (310)	
DOE/RL-88-21	10/01/96 12/21/99	Double-Shell Tank Unit Permit Application	Contract Clause C.6, Standard 7(e)(4)(vi)(B) & Contract Clause C.8, Specification 7, 7.2.1.4 and 7.2.2.1; Specification 8, 8.2.1.4 and 8.2.2.1 <b>(M175)</b>
DOE/EM-0093	12/96	Waste Acceptance Product Specifications for Vitrified High Level Waste Forms (WAPS) Revision 2 <b>(M114)</b>	Contract Clause C.8, Specification 1, 1.2.1.4 and 1.2.2.1.1 <b>(M175)</b>
DOE/RL-94-02, Rev 6 (336)	06/2014 (336)	Hanford Emergency Management Plan <b>(A197)(310)</b> (Revision 6, June 2014) (336)	Contract Clause C.6, Standard 4(j) and Standard 7(e)(1) Table S7-1 <b>(M175) (A197) (336)</b>
DOE M 140.1-1B, CRD	03/30/01	Interface with Defense Nuclear Facilities Safety Board.	Contract Clause C.4 (d) <b>(M175)</b>
DOE O 142.3A, CRD	10/14/10	Unclassified Foreign Visits and Assignments Program. <b>(M047) (M124) (204)</b>	The order is effective regardless of comment above at (b) <b>(M175)</b>
<del>DOE O 205.1A, CRD</del>		DELETED <b>(M194)</b>	
DOE M		DELETED <b>(M175)</b>	

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
205.1-2			
DOE M 205.1-5, CRD		DELETED (M194)	
DOE M 205.1-6, CRD		DELETED (M194)	
DOE M 205.1-7, CRD		DELETED (M194)	
DOE M 205.1-8, CRD		DELETED (M194)	
DOE O 206.1, CRD	01/16/09	DOE Privacy Program (235)	The order is effective regardless of comment above at (b). Contractor shall implement in accordance with CCN 231161 (321)
DOE O 206.2, CRD	02/19/13	Identity, Credential, and Access Management (307)	The order is effective regardless of comment above at (b) (307)
DOE O 210.2A, CRD	04/8/11	DOE Corporate Operating Experience Program (M077) (310)	Contract Clause H.49 (M175) Refer to Note 10 (310)
DOE O 221.1A, CRD	04/19/08	Reporting Fraud, Waste, and Abuse to the Office of Inspector General. (M133)	Refer to Note 3 (M175)
DOE O 221.2A, CRD	02/25/08	Cooperation with the Office of Inspector General. (M133)	Refer to Note 3 (M175)
DOE O 226.1B, CRD	04/25/11	Implementation of Department of Energy Oversight Policy (M069) (M108)(310)	Contract Clause H.46 (M175) Refer to Note 11 (310)
DOE O 231.1B, CRD (363)	6/27/2011	Environment, Safety, and Health Reporting (M033) (310)	Contract Clause C.6, Standard 1(d)(6) (M175) (310)
DOE M 231.1-1A, Change 2, CRD (332)		DELETED (332)	
DOE M 231.1-2, CRD		DELETED (256)	
SCRD M 231.1-2		DELETED (256)	

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
SCRD O 232.2 Admin. Change 1 (332)	8/30/11	Occurrence Reporting and Processing of Operations Information, Revision 1 <b>(268)</b>	Contract Clause C.6, Standard 1(d)(5) and (6). Contractor shall implement in accordance with CCN 269738 (332)
<del>HFID 232-4B</del>		<del>DELETED (256)</del>	
<del>DOE N 234.1, CRD</del>		<del>DELETED (310)</del>	
<del>DOE O 241.1, CRD</del>		<del>DELETED (310)</del>	
DOE/RW- 0333P	10/01/08	Quality Assurance Requirements and Description for the Civilian Radioactive Waste Management Program (QARD) – Revision 20 <b>(M099)</b> <b>(M134)</b>	Contract Clause C.6, Standard 2(a)(2)(v), Standard 5(d), and Standard 7(e)(3)(ii)(A) and Contract Clause C.8, Specification 1, 1.2.1.7, 1.2.2.1.1, and 1.3 <b>(M175)</b>
DOE O 350.1, Chg 3, CRD	02/23/10	Contractor Human Resource Management Program <b>(M171) (M175)</b>	Contract Clause H.37 <b>(M175)</b>
DOE/RW- 0351	5/31/07	Waste Acceptance System Requirements Document (WASRD) - Revision 5 <b>(M114)</b>	Contract Clause C.6, Standard 2(a)(3)(vii)(E) and Standard 6(c)(2) and Contract Clause C.8, Specification 1, 1.2.1.3 and 1.2.2.1.1 <b>(M175)</b>
<del>DOE O 413.3A, CRD</del>		<del>DELETED (271)</del>	
<del>DOE M 413.3-1</del>		<del>DELETED (271)</del>	
DOE O 413.3B, CRD	11/29/10	Program and Project Management for the Acquisition of Capital Assets. Refer to Note 7 for implementation <b>(271)</b> .	Contract Clause C.3, paragraph (b), sub- paragraph (1), item (ix), C.6, Standard 1, opening paragraph, (a), (b)(3) and (c)(1) and Standard 5(a)(6) and (k).
DOE O 414.1C, CRD	06/17/05	Quality Assurance (M066)	Contract Clause C.6, Standard 7(e)(3)(i) & (iv) <b>(M175)</b>

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE 414.1D, CRD, Chg 1 (349)	05/08/13 (349)	Quality Assurance (349)	The order is effective regardless of comment above at (b) and implemented in accordance with Note 14. (349)
DOE O 420.1B, CRD Chapter V (363)	12/22/05	Facility Safety (245)	The order is effective regardless of comment above at (b)
DOE O 422.1, CRD	06/29/10	Conduct of Operations (207)	The notice is effective regardless of comment above at (b). Contractor shall implement consistent with CCN 229138.
DOE O 425.1D, Chg 1, CRD	04/16/10	Verification of Readiness to Start Up or Restart Nuclear Facilities (M033) (A190)(310)	Contract Clause C.6, Standard 5(a)(5), (c)(6), (e)(2), (f)(ii), and (g) (M175) (310). Contractor shall implement in accordance with CCN 281821 (363)
DOE O 433.1B, CRD (363) Admin Chg 1 (342)	04/21/10 (342)	Maintenance Management Program for DOE Nuclear Facilities (342)	The order is effective regardless of comment above at (b) and implemented in accordance with Note 13. (342)
DOE O 435.1, Chg 1, CRD	08/28/01	Radioactive Waste Management.	Implementation of this DOE CRD using the graded approach; approved by 05-WED-047; CCN 136281 satisfies the comment above at (b). (M130) (M175) (278)
DOE M 435.1-1	07/09/99	Radioactive Waste Management Manual	Contract Clause C.8, Specification 2, 2.2.1.13, 2.2.2.23, & 2.4 (M175)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE M 441.1-1, CRD	03/07/08	Nuclear Material Packaging	The manual is effective regardless of comment above at (b) (M130) (M175)
DOE O 442.2, CRD	07/29/11	Differing Opinions for Technical Issues Involving Environment, Safety, and Health (271)	The order is effective regardless of comment above at (b) and implemented as described in CCN 246747.
DOE O 442.1A & Supplemente d Rev. 3 CRD (332)	06/06/01	Department of Energy Employee Concerns Program (A029) (293)	The order is effective regardless of comment above at (b) (M175) and implemented as described in CCN 249676. (293) Contractor shall implement in accordance with CCN 266683. (332)
DOE M 442.1-1 CRD		DELETED (271)	
DOE M 450.4-1, CRD		DELETED (310)	
DOE M 470.4-1, CRD	08/26/05	Safeguards and Security Program Planning and Management (M136) (M171)	Refer to Note 1 (M175)
DOE M 470.4-2A, CRD		DELETED (310)	
DOE M 470.4-4A	01/16/09	Information Security Manual (M145)	Refer to Note 2 (M175)
DOE O 471.3, CRD	4/9/03	Identifying and Protecting Official Use Only Information (M087)	Contract Clause H.50 (M175)
DOE M 471.3-1, Chg 1, CRD	4/9/03	Manual for Identifying and Protecting Official Use Only Information (M087) (310)	Contract Clause H.50 (M175) Refer to Note 12 (310)
DOE O 475.1, CRD	12/10/04	Counterintelligence Program (M071)	Contract Clause C.6, Standard 8(c) (M175)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE/RW-0511, Volume I, Rev. 4	03/07/2008	Integrated Interface Control Document (IICD), High-Level Radioactive Waste and U.S. Department of Energy and Naval Spent Nuclear Fuel to the Civilian Radioactive Waste Management System (M114)	Contract Clause C.8, Specification 1,1.2.1.5 and 1.2.2.1.1 (321)
DOE O 551.1D, CRD	04/02/12	Official Foreign Travel. Refer to Note 4. (M141) (M175) (283)	Contract Clause I.109 (M175). Implemented in accordance with CCN 243970, and 12-WTP-0272 (CCN 251792) and Note 4. (283)(363)
DOE-HDBK-1092-2004, Appendix A	12/2004	DOE Electrical Safety Handbook. Refer to Note 6 (209)	The order is effective regardless of comment above at (b).
<del>RL/REG-2000-04</del>		DELETED (215)	
<del>DOE/ORP-2000-06</del>		Deleted through Contract Modification M082 (M175)	
<del>DOE STD 3009</del>		DELETED (310)	
<del>DOE O 5480.20A, Change 1, CRD</del>		DELETED (310)	
SCSP	5/9/06	Richland Regional Office Site Counterintelligence Support Plan Hanford Site - Bechtel National, Inc. (M071)	Contract Clause C.6, Standard 8(c) (M175)
DOE-0361	03/28/11	Hanford Site-Wide Emergency Planning and Community Right-to-know Act (EPCRA) procedure (310)	The order is effective regardless of comment above at (b).
HNF-EP-0063	02/01/11	Hanford Site Solid Waste Acceptance Criteria (310)	The order is effective regardless of comment above at (b).

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE/RL-92-36 (342)	11/18/14	Hanford Site Hoisting and Rigging Manual (342)	The order is effective regardless of comment above at (b) and implemented in accordance with Note 13.
DOE/RL-2001-36, Rev 1E, Appendix I.7	05/01/11	ILAW Special Packaging Authorization of the Hanford Sitewide Transportation Safety Document (310)	Implemented per C.8, Specification 2, 2.2.1.21 and 2.2.2.10. (293)
DOE O 151.1C, CRD	11/02/05	Comprehensive Emergency Management System (310)	Implemented in accordance with DOE/RL-94-02.
DOE O 473.3, CRD	06/29/11	Protection Program Operations (310)	The order is effective regardless of comment above at (b).
DOE O 426.2, CRD	04/21/10	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities (310)	Contract Clause C.3(f)(6) (321), Refer to Note 8 (310)
DOE O 225.1B, CRD (363)	03/04/11	Accident Investigations (310)	Refer to Note 9 (310)
DOE STD 3009	1994	Preparation Guide for DOE Nonreactor Nuclear Facility Safety Analysis Reports (Change Notice 3, March 2006) (A029) (M152) (321)	Contract Clause C.6, Standard 9, paragraph 2. (321)
DOE-HDBK-1092-2013, Appendix D	07/2013	DOE Electrical Safety Handbook. Refer to Note 15 (353)	The order is effective regardless of comment above at (b).

Notes:

1. Implementation of DOE M 470.4-1, CRD includes the following Sections:
  - Section A, *Safeguards and Security Program Planning and Management*
  - Section F, *Performance Assurance Program*
  - Section G, *Survey, Review, and Self-Assessment Programs*
  - Section I, *Facility Clearances and Registration of Safeguards and Security Activities*
  - Section J, *Safeguards and Security Training Program*
  - Section K, *Safeguards and Security Awareness Program*
  - Section N, *Incidents of Security Concern*

Please refer to CCN 182640 for detailed information on the implementation of each section.

2. Contractor scope of DOE M 470.4-4A is limited to the OPSEC requirements listed in ORP Letter 08-ESQ-318 (CCN 192555) which states that the following actions are required:
  - Appoint an OPSEC Representative;
  - Ensure the OPSEC Representative attend Hanford OPSEC Working Group meetings on a quarterly basis;
  - Obtain OPSEC/Security Awareness Posters from Project Hanford Management Contracts Safeguards and Security Awareness Manager and ensure they are posted in BNI working areas; and
  - Annually conduct three OPSEC Reviews/Assessments of BNI work areas.
3. The Contractor shall implement DOE O 221.1, CRD and DOE O 221.2, CRD into all new subcontract awards beginning January 1, 2003, except for those acquisitions for commercial items and for any new acquisition awards under \$100,000. DOE O 221.1A, DOE and DOE O 221.2A, CRD shall be implemented into all new subcontract awards beginning October 01, 2008, using the same criteria. Flow down of the requirements of these DOE Order CRDs to Subcontractors using these criteria meets the intent of ensuring compliance with the DOE Order CRD requirements.
4. This Order deemed to be the "subsequent version of the order in effect at the time of award" per DEAR 952.247-70. **Implementation shall include compliance with DOE EM Standing Operating Policy Procedure (SOPP) 66, Revision 0, Official Foreign Travel, with the exception of SOPP Sections 7.D and 9.B.5.**
5. DELETED (336)
6. The Contractor shall implement DOE-HDBK-1092-2004, Appendix A, as described in 10-WTP-327 (CCN 229364) and CCN 229141.
7. The Contractor shall implement DOE O 413.3B, as described in CCN 242792 and 12-WTP-0159.
8. The Contractor shall implement DOE O 426.2, CRD, as described in CCN 249671.
9. The Contractor shall implement DOE O 225.1B, **CRD (363)** as described in CCN 249671.
10. The Contractor shall implement DOE O 210.2A, CRD, as described in CCN 249671.
11. The Contractor shall implement DOE O 226.1B, CRD, as described in CCN 249671.
12. The Contractor shall implement DOE M 471.3-1, Chg 1, CRD, as described in CCN 249671.
13. The Contractor shall implement DOE O 433.1B, **CRD Admin Chg 1 & DOE-RL-92-36**, as described in CCN 202791 **(363)**.
14. The Contractor shall implement DOE O 414.1D, CRD, Chg 1, as described in CCN 222763 and 15-QAD-0014.
15. The Contractor shall implement DOE-HDBK-1092-2013, Appendix D, as described in 14-CPM-0231 (CCN 274546) and CCN 257008. Unlisted Equipment that is "Low-Hazard", defined as "Class X.0 or X.1" in Appendix D of the DOE Handbook for Electrical Safety, may be labeled or identified as such (e.g., "Unlisted Approval Not Required", "Low-Hazard", or "Class X.0, X.1") to indicate it is equipment that does not require field evaluation and approval. This exemption will only apply to Class X.0 and Class X.1 equipment that are connected to a power source of less than 50 Volts and less than 1000 volt-amps.

b. Attachment J, item 12, is changed to correct a typo of "CNN" to "CCN". Item 12, bullet one is changed as follows:

From:

- Program as contained in contractor letter, CNN 146882, dated March 13, 2007, applies to the period March 26, 2007 through March 25, 2008.

To:

- Program as contained in contractor letter, **CCN** 146882, dated March 13, 2007, applies to the period March 26, 2007 through March 25, 2008.

6. All other terms and conditions remain unchanged.

**(End of Modification)**