

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE <b>1</b> OF <b>12</b> PAGES
2. AMENDMENT/MODIFICATION NO. <b>505</b>	3. EFFECTIVE DATE (M/D/Y) <b>See Block 16C</b>	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY <b>U.S. Department of Energy Office of River Protection P. O. Box 450, MS H6-60 Richland, WA 99352</b>	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code)  <b>Bechtel National, Inc. 450 Hills Street Richland, WA 99354</b>		<input type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO.
CODE 396A5		<input type="checkbox"/>	9B. DATED (SEE ITEM 11)
FACILITY CODE 089176176		<input checked="" type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ ORDER NO. <b>DE-AC27-01RV14136</b>
		<input checked="" type="checkbox"/>	10B. DATED (SEE ITEM 13) <b>December 11, 2000</b>

**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.**

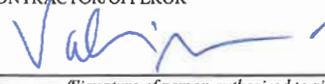
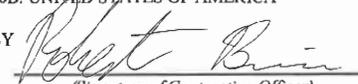
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF: <b>FAR 43.103 Types of Contract Modifications (a) Bilateral - Mutual Agreement of the Parties</b>
<input type="checkbox"/>	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.)

Reference Continuation Page(s)

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) <b>Valerie McCain Project Director</b>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Robert Burrier Contracting Officer</b>	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED <b>4 Feb 21</b>	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED <b>2-4-2021</b>

**Purpose of Modification:**

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

- Update Table B.1 and Attachment B-1 to account for LBL Construction Complete PBI, Lab Readiness to Operate Fee, and Performance-Based Incentive for DFLAW Design Completion Fee for CLIN 2.1 paid. This decreases the amount of Available Fee, increases the Fee Earned, and decreases Total Estimated Contract Price.
- Update Section G, *Contract Administration Data*, Billing Instructions to replace Ronald Cone with Wade Hader for Electronic Notification to the CO.
- Update Section I, *Contract Clauses*, Contract Clause I.29B, FAR 52.222-2 Payment for Overtime Premium (JUL 1990) to include FY 2021 estimated premium overtime value.
- Update and replace table in Section J, *List of Attachments*, Attachment E, *List of Applicable Directives*, paragraph (b) to make the following changes
  - Add DOE O 470.4B, Chg 2, CRD as the new Safeguards and Security Program document and remove DOE M 470.4-1, CRD.
  - Delete Note 1 that references DOE M470.4-1, CRD.

**Description of Modification:**

1. As a result of payment for LBL Construction Complete PBI, Lab Readiness to Operate Fee, and Performance-Based Incentive for DFLAW Design Completion Fee for CLIN 2.1, the table in Section B, *Supplies or Services and Prices/Costs*, Contract Section B.3 *Obligation and Availability of Funds and Contract Value*, paragraph (c) is revised as follows:
  - The Fee Category (E1) LBL Construction Complete Performance Based Incentives is decreased by \$51,300,000 from \$51,300,000 to \$0. The E1 Fee Earned is increased by \$48,300,000 from \$17,100,000 to \$65,400,000.
  - The Fee Category (E2) Commission LBL in the DFLAW Configuration Performance Based Incentive Fee Available is decreased by \$6,650,000 from \$146,300,000 to \$139,650,000. The E2 Fee Earned is increased by \$6,650,000 from \$13,300,000 to \$19,950,000.
  - The CLIN 2.1: Performance-Based Incentive for DFLAW Design Completion Fee Available is decreased by \$8,000,000 from \$8,000,000 to \$0. The E2 Fee Earned is increased by \$5,434,076 from \$1,000,000 to \$6,434,076.

- The Total Maximum Available Fee is decreased by \$65,950,000 from \$229,217,811 to \$163,267,811.
- The Total Fee Earned is increased by \$60,384,076 from \$352,956,790.14 to \$413,340,866.14.
- The Total Estimated Contract Price (TECP) (Total Maximum Available Fee + Total Earned Fee + TECC) is decreased by \$5,565,924 from \$14,669,832,625.27 to \$14,664,266,701.27.

2. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Section B.3 *Obligation and Availability of Funds and Contract Value*, paragraph (c), is deleted in its entirety and replaced in full as follows:

Table B.1 – Total Estimated Contract Price

		Cost			
Total Estimated Contract Cost (TECC) through Mod No. 502				<b>\$14,085,828,145.13</b>	
Total Estimated Contract Cost (502)		CLIN Estimated Cost	Increased/ Decreased by Mod 505	Total CLIN Estimated Cost	
B.1	CLIN 1.0: Design, Construct, and Commission LBL in the DFLAW Configuration	\$6,391,248,991.13		\$6,393,078,870.13	
B.2	CLIN 2.0: WTP Facility Modifications Necessary to Support DFLAW				
	Sub-CLIN 2.1: DFLAW Design (Target Cost)	\$76,359,283		\$76,359,283	
	Sub-CLINs 2.2 /2.3 DFLAW Procurement/ Construction	\$481,157,678 <small>(Previous NTE Values)</small>		\$481,157,678	
B.3	CLIN 3.0 HLW Facility	\$2,741,179,982		\$2,741,179,982	
B.4	CLIN 4.0: PT Facility	\$4,395,882,211		\$4,395,882,211	
Revised Total Estimated Contract Cost (TECC) through Mod No. 504				<b>\$14,087,658,024.13</b>	
Fee					
		Available		Earned	Total
Earned before Mod No. 384					
A1	Final Fee Determination – Pre-Mod No. A143			\$102,622,325	
A2	Final Fee Earned Mod No. A143 – Mod No. 384			\$131,573,553	
Fixed Fee Payment (Attachment B-2-C)***		\$0		\$60,000,000	
Pending Activity Milestones (Attachment B-2-B)		\$0		\$6,667,000	
Maximum Available Award Fee (CY 2016–2022) (Attachment B-2-D)		\$23,617,811		\$19,818,954.28	
CLIN 1.0: Design, Construct, and Commission LBL in the DFLAW Configuration					
E1	LBL Construction Complete Performance Based Incentives (Attachment B-2-E)	\$0	\$48,300,000	\$65,400,000	
E2	Commission LBL in the DFLAW Configuration Performance Based Incentive (Attachment B-2-F)	\$139,650,000	\$6,650,000	\$19,950,000	
E3	Schedule Incentive Hot Commissioning (Attachment B-2-F)	+/- \$60,000,000 (Max)			
E4	Cost Share Incentive (Attachment B-2-G)	+/- \$50,000,000 (Max)			

**Contract No. DE-AC27-01RV14136**  
**Modification No. 505**  
**SF-30 Continuation**

		Cost		
E5	REA Fee Negotiated After Mod 384 (504)			\$874,957.86
CLIN 2.1: Performance-Based Incentive for DFLAW Design Completion (Attachment B-2-H)		\$0	\$5,434,076	\$6,434,076
Total Maximum Available Fee****		<b>\$163,267,811</b>		
Total Fee Earned (505)				<b>\$413,340,866.14</b>
Total Estimated Contract Price (TECP) (Total Maximum Available Fee + Total Earned Fee + TECC) (505)				<b>\$14,664,266.701.27</b>

3. The table in Attachment B-1 in Section B, *Supplies or Services and Prices/Costs*, is deleted in its entirety and replaced in full as follows:

Incentive Element	Title	Fee type	Performance Measure	Amount of Fee Available	Amount Paid	
B-2-A	Final Fee Determination for work prior to Mod No. A 143	Fixed	Determined by Contracting Officer		\$102,622,325	
B-2-B	Earned Activity Milestone Completion Incentive Fees, REA Settlement Fees, Enhanced Incentive Fee, Earned Facility Milestone Completion Schedule Fee, and Award Fee earned before mod (384)	Fixed	Determined by Contracting Officer		* \$131,573,553	
	Pending Activity Milestones	Fixed	Determined by Contracting Officer	\$0	\$6,667,000	
B-2-C	Fixed Fee Payment	Fixed		\$0	\$60,000,000	
				<b>\$0</b>	<b>\$300,862,878</b>	
B-2-D	Award Fee (From Mod (384) to December 2022).	Award Fee	To be established prior to each calendar year. Will be based upon DOE goals set for HLW and PT and Project Management.			
			CY2016	\$0	\$7,242,000	
			CY2017	\$0	\$3,805,961	
			CY2018	\$0	\$3,767,815	
			CY2019	\$0	\$5,003,178.28	
			CY2020	\$7,872,603		
			CY2021	\$7,872,603		
				<b>\$7,872,605</b>		
				<b>\$23,617,811</b>	<b>\$19,818,954.28</b>	
B-2-E	LBL Physical Plant Complete Performance Based Incentives	Interim Milestones				
		PBI	Install Caustic Scrubber Vessel Milestone	\$0	\$4,275,000	
		PBI	Complete Final Assembly of Melter Lid #1 Milestone	\$0	\$4,275,000	
		PBI	Complete Final Assembly of Melter Lid #2 Milestone	\$0	\$4,275,000	
		PBI	Complete LAW Bulk Cable EL+ 48 Milestone	\$0	\$4,275,000	
		PBI	<b>Final Milestone</b>			
			<b>\$0</b>	<b>\$48,300,000</b>		
				<b>\$0</b>	<b>\$65,400,000</b>	
B-2-F	Commission LBL in the DFLAW Configuration Performance Based Incentive	Interim Milestones				
		PBI	Approval of LAW DSA	\$0	\$6,650,000	
		PBI	LAB Startup Testing Complete	\$0	\$6,650,000	
		PBI	LAW Startup Testing Complete	\$6,650,000		
		PBI	EMF Startup Testing Complete	\$6,650,000		
		PBI	LAB Readiness to Operate	<b>\$0</b>	<b>\$6,650,000</b>	
		PBI	LAW DOE HQ ORR Complete	\$6,650,000		
		PBI	<b>Final Milestone</b>			
			\$119,700,000			
Commission LBL in the DFLAW Configuration Performance Based Schedule Incentive/disincentive			Based upon actual completion date of Successful Demonstration of Hot Commissioning	+/- \$60,000,000		
				<b>\$139,650,000</b>	<b>\$19,950,000</b>	
B-2333-G	CLIN 1.0 Cost Share Incentives	IF	Cost sharing incentive/disincentive based on final CLIN 1 cost above or below the Target cost as defined in Attachment B-2-G	+/- \$50,000,000		
	REA Fee Negotiated After Mod 384 (504)	FF	Fixed Fee payment for REAs Negotiated After Mod 384		\$874,957.86	

			<b>TOTAL B-2-G</b>		<b>\$874,957.86</b>
B-2-H	DFLAW design completion	PBI	Complete the constructability review milestone	\$0	\$500,000
		PBI	Prepare and issue DFLAW EMF safety basis change package	\$0	\$500,000
	Cost Share incentive for CLIN 2.1	IF	DOE and the contractor will share cost on CLIN 2.1 final total cost above or below the Target Cost as defined in Table B-2-H-1.	\$0	\$5,434,076
			<b>TOTAL B-2-H</b>	<b>\$0</b>	<b>\$6,434,076</b>
			<b>TOTAL FEE AVAILABLE</b>	<b>\$163,267,811</b>	
			<b>TOTAL FEE EARNED (505)</b>		<b>\$413,340,866.14</b>

4. Section I, *Contract Clauses*, Contract Clause I.29B, FAR 52.222-2 Payment for Overtime Premium (JUL 1990) is updated to include FY 2021 estimated premium overtime value of \$16.266M. Contract Clause I.29B (a) is revised as follows:

(a) The use of overtime is authorized under this contract if the overtime premium does not exceed **\*\$16.266M** for **FY21 (M321)(369)(391)(419)(450)(464)(467)(505)** or the overtime premium is paid for work—

5. Section G.4 , *Contract Administration Data*, Billing Instructions is updated to replace Ronald Cone with Wade Hader for CO electronic notification. Section G.4 (4) is revised as follows:

(4) Electronic notification of each invoice submitted to the COR and CO to the following addresses:

<u>Ronnie L Dawson@rl.gov</u> (M166)  U.S. Department of Energy ORP Ronnie L. Dawson (M166) Contracting Officer	<u>Thomas W Fletcher@orp.doe.gov</u> (M422) U.S. Department of Energy ORP Thomas W. Fletcher, COR Federal Project Director (M178)
--	--

Wade E Hader@orp.doe.gov  
 (M505)  
 U.S. Department of Energy  
 ORP  
**Wade E. Hader**  
 Contracting Officer (M505)

6. The table in paragraph (b) in Section J, *List of Attachments*, Attachment E, *List of Applicable Directives*, is deleted in its entirety and replaced in full. Also, Note 1 under the table has been removed as it only was necessary for the deleted DOE M 470.4-1 CRD document.

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
06-AMD-050 (CCN 144548)		DELETED (310)	
		Deleted (376)	
DOE/EM-0093	12/96	Waste Acceptance Product Specifications for Vitrified High-Level Waste Forms (WAPS), Revision 2 (114)	Contract Clause C.8, Specification 1, 1.2.1.4 and 1.2.2.1.1(175)
DOE/RL-94-02, Rev 6 (336)	06/2014 (336)	Hanford Emergency Management Plan (197, 310) (Revision 6, June 2014) (336)	Contract Clause C.6, Standard 4(j) and Standard(e)(1) Table S7-1 (175, 197, 336)
DOE M 140.1-1B, CRD	03/30/01	Interface with Defense Nuclear Facilities Safety Board.	Contract Clause C.4 (d) (175)
DOE O 142.3A, CRD	10/14/10	Unclassified Foreign Visits and Assignments Program (047, 124, 204)	The order is effective regardless of comment above at (b) (175)
DOE O 151.1C, CRD	11/02/05	Comprehensive Emergency Management System (310)	Implemented in accordance with DOE/RL-94-02
DOE O 205.1B, Change 2, CRD	12/07/12	Cyber Security Program (387)	Effective with Modification No. 384 and implemented in accordance with CCN: 266220 (14-WTP-0011), Attachment 1, "CRD 205.1B, Chg 2 (Supplemented Rev. 0)" and CCN: 267962 (14-WTP-0051). (387).
DOE M 205.1-2		DELETED (175)	
DOE M 205.1-5, CRD		DELETED (194)	
DOE M 205.1-6, CRD		DELETED (194)	
DOE M 205.1-7, CRD		DELETED (194)	
DOE M 205.1-8, CRD		DELETED (194)	
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, Supplemented Rev. 1 (425)	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 (077, 310)	Contract Clause H.49 (175) Refer to Note 10 (310)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE O 221.1A, CRD		DELETED (467)	
DOE O 221.1B, CRD	09/27/16	Reporting Fraud, Waste and Abuse to the Office of Inspector General (467)	Refer to Note 3 (467)
DOE O 221.2A, CRD	02/25/08	Cooperation with the Office of Inspector General (133)	Refer to Note 3 (175)
DOE O 225.1B, CRD	03/04/11	Accident Investigations (310)	Refer to Note 9 (310)
DOE O 226.1B, CRD	04/25/11	Implementation of Department of Energy Oversight Policy (069, 108, 310)	Contract Clause H.46 (175) Refer to Note 11 (310)
DOE O 231.1B, CRD (363)	6/27/2011	Environment, Safety, and Health Reporting (033, 310)	Contract Clause C.6, Standard 1(d)(6) (175, 310)
DOE M 231.1-1A, Change 2, CRD		DELETED (332)	
DOE M 231.1-2, CRD		DELETED (256)	
SCRD M 231.1-2		DELETED (256)	
DOE Order 232.2A, CRD (406)	9/29/2017	Occurrence Reporting and Processing of Operations Information(406)	Contract Clause C.6, Standard 1(d)(5) and (6). (406)
OOD-ORP-PPD-OAA-50136, Appendix C (476)	07/22/2019	Facility Representative Contractor Requirements Document (476)	
CRD O 232.2A (Supplemented Rev.0)(406)	9/29/2017	Environmental Management Contractor Requirements Document (Supplemented DOE O 232.2A), Occurrence Reporting and Process of Operations Information (406) DELETED (476)	Contract Clause C.6, Standard 1(d)(5) and (6). (406)
SCRD DOE Order 232.2A (406)	9/29/2017	ORP Supplemental Contractor Requirements Document (SCRD), for DOE Order 232.2A, Occurrence Reporting and Processing of Operations Information (406) DELETED (476)	Contract Clause C.6, Standard 1(d)(5) and (6). (406)
HFID 232-1B		DELETED (256)	
DOE N 234.1, CRD		DELETED (310)	
DOE O 241.1, CRD		DELETED (310)	

<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>TITLE</b>	<b>CROSS REFERENCE</b>
DOE/RW-0333P	10/01/08	Quality Assurance Requirements and Description for the Civilian Radioactive Waste Management Program (QARD) – Revision 20 <b>(099, 134)</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>(175)</b>
DOE O 350.1, Chg 3, CRD	02/23/10	Contractor Human Resource Management Program <b>(171, 175)</b>	Contract Clause H.37 <b>(175)</b>
DOE/RW-0351	5/31/07	Waste Acceptance System Requirements Document– (WASRD) - Revision 5 <b>(114)</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>(175)</b>
DOE O 413.3A, CRD		DELETED <b>(271)</b>	
DOE M 413.3-4		DELETED <b>(271)</b>	
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), subparagraph (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 <b>(066)</b>	Contract Clause C.6, Standard 7(e)(3)(i) & (iv) <b>(175)</b>
DOE 414.1D, CRD, Chg 1	05/08/13	Quality Assurance <b>(349)</b>	The order is effective regardless of comment above at (b) and implemented in accordance with Note 14 <b>(349)</b>
DOE O 420.1C, CRD, Chg 1, Chapter V	02/27/15	Facility Safety (Partial Implementation Only Chapter V. Cognizant System Engineer Program) <b>(369)</b>	The order is effective regardless of comment above at (b) Implemented for LBL commissioning only in accordance with CCN: 276975
DOE O 422.1, Change 1, CRD	06/25/13	Conduct of Operations <b>(207)(387)</b>	Effective with Modification No. 384 and implemented in accordance with CCN: 276479. <b>(387)</b>
DOE-0223	Effective the date of Modification No. 384	RL Emergency Plan Implementing Procedures <b>(384)</b>	Implemented in accordance with 16-CPM-0072
DOE-0336	9/15/2011	Hanford Site Lockout/Tag out <b>(384)</b>	Implemented in accordance with 16-CPM-0072
DOE-0343	3/26/2013	Hanford Site Wide Stop Work Order Procedure <b>(384)</b>	Implemented in accordance with 16-CPM-0072
DOE-0346		Hanford Site Fall Protection Program (HSFPP) <b>(384)</b>	Implemented in accordance with 16-CPM-0072

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE-0352	11/14/2012	Hanford Site Respiratory Protection Program (HSRPP) <b>(384)</b>	Implemented in accordance with 16-CPM-0072
DOE-0355		Hanford Standardized HAZWOPER Training Program Description <b>(384)</b>	Implemented in accordance with 16-CPM-0072
DOE-0359	11/14/2012	Hanford Site Electrical Safety Program <b>(384)</b>	Implemented in accordance with 16-CPM-0072
DOE-0360		Hanford Site Confined Space Procedure <b>(384)</b>	Implemented in accordance with 16-CPM-0072
DOE O 425.1D, Chg 1, CRD	04/16/10	Verification of Readiness to Start Up or Restart Nuclear Facilities <b>(033, 190, 310)</b>	Contract Clause C.6, Standard 5(a)(5), (c)(6), (e)(2), (f)(ii), and (g) <b>(175, 310)</b> Contractor shall implement in accordance with CCN: 281821 <b>(363)</b>
DOE O 426.2, CRD	04/21/10	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities <b>(310)</b>	Contract Clause C.3(f)(6) <b>(321)</b> Refer to Note 8 <b>(310)</b>
DOE O 433.1B, CRD Admin Chg 1	<del>04/21/10</del> 03/12/13	Maintenance Management Program for DOE Nuclear Facilities <b>(342)</b>	This order is effective regardless of comment above at (b). <b>(342, 387)</b>
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) <b>(130, 175, 278)</b>
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 <b>(175)</b>
DOE M 441.1-1, CRD	03/07/08	Nuclear Material Packaging	The manual is effective regardless of comment above at (b) <b>(130, 175)</b>
DOE O 442.1B	01/31/19	Department of Energy Employee Concerns Program <b>(490)</b>	Contractor shall implement in accordance with CCN: 319207 <b>(490)</b>
DOE O 442.2, Chg 1, CRD	10/05/16	Differing Opinions for Technical Issues Involving Environment, Safety, and Health <b>(271, 440)</b>	The order is effective regardless of comment above at (b) and implemented as described in CCN: 246747
<del>DOE O 442.1A &amp; Supplemented Rev. 3 CRD</del>		<del>DELETED <b>(490)</b></del>	
<del>DOE M 442.1-1 CRD</del>		<del>DELETED <b>(271)</b></del>	
<del>DOE M 450.4-1, CRD</del>		<del>DELETED <b>(310)</b></del>	

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE O 458.1, Chg. 2		Radiation Protection of the Public and the Environment <b>(384)</b>	Implemented in accordance with 16-CPM-0072
<del>DOE O 470.4B, Chg 2, CRD</del>	01/17/17	<del>Safeguards and Security Program <b>(505)</b></del>	
<del>DOE M 470.4-1, CRD</del>		<del>DELETED <b>(505)</b></del>	<del>Refer to Note 1 <b>(175)</b></del>
<del>DOE M 470.4-2A, CRD</del>		<del>DELETED <b>(310)</b></del>	
DOE M 470.4-4A	01/16/09	Information Security Manual <b>(145)</b>	Refer to Note 2 <b>(175)</b>
DOE O 471.3, CRD	4/9/03	Identifying and Protecting Official Use Only Information <b>(087)</b>	Contract Clause H.50 <b>(175)</b>
DOE M 471.3-1, Chg 1, CRD	4/9/03	Manual for Identifying and Protecting Official Use Only Information <b>(087, 310)</b>	Contract Clause H.50 <b>(175)</b> Refer to Note 12 <b>(310)</b>
DOE O 473.3, CRD	06/29/11	Protection Program Operations <b>(310)</b>	The order is effective regardless of comment above at (b)
DOE O 475.1, CRD	12/10/04	Counterintelligence Program <b>(071)</b>	Contract Clause C.6, Standard 8(c) <b>(175)</b>
DOE O 486.1A, CRD	09/02/2020	Foreign Government Sponsored or Affiliated Activities <b>(495)</b>	The order is effective regardless of comment above at (b)
DOE O 551.1D, CRD	04/02/12	Official Foreign Travel. Refer to Note 4 <b>(141, 175, 283)</b>	Contract Clause I.109 <b>(175)</b> . Implemented in accordance with CCN: 243970, and 12-WTP-0272 (CCN: 251792) and Note 4 <b>(283, 363)</b>
DOE/RW-0511, Volume I, Rev. 4	03/07/08	Integrated Interface Control Document (ICD), High-Level Radioactive Waste and U.S. Department of Energy and Naval Spent Nuclear Fuel to the Civilian Radioactive Waste Management System <b>(114)</b>	Contract Clause C.8, Specification 1,1.2.1.5 and 1.2.2.1.1 <b>(321)</b>
DOE-HDBK-1092-2004, Appendix A	12/2004	DOE Electrical Safety Handbook. Refer to Note 6 <b>(209)</b>	The order is effective regardless of comment above at (b)
<del>RL/REG-2000-04</del>		<del>DELETED <b>(215)</b></del>	
<del>DOE/ORP-2000-06</del>		<del>Deleted through Contract Modification No. M082 <b>(175)</b></del>	
<del>DOE STD 3009</del>		<del>DELETED <b>(310)</b></del>	

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
<del>DOE-O 5480-20A, Change 1, CRD</del>		DELETED <b>(310)</b>	
SCSP	05/9/06	Richland Regional Office Site Counterintelligence Support Plan Hanford Site - Bechtel National, Inc. (BNI) <b>(071)</b>	Contract Clause C.6, Standard 8(c) <b>(175)</b>
<del>DOE-0364</del>		DELETED <b>(366)</b>	
HNF-EP-0063	02/01/11	Hanford Site Solid Waste Acceptance Criteria <b>(310)</b>	The order is effective regardless of comment above at (b)
DOE/RL-92-36 Rev 1, Release 84	<del>11/18/14</del> 03/04/20	Hanford Site Hoisting and Rigging Manual <del><b>(342)</b></del> <b>(476)</b>	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	Immobilized low-activity waste (ILAW) Special Packaging Authorization of the Hanford Sitewide Transportation Safety Document <b>(310)</b>	Implemented per C.8, Specification 2, 2.2.1.21 and 2.2.2.10 <b>(293)</b>
DOE/RL-2002-12		Hanford Radiological Health and Safety Document <b>(384)</b>	Implemented in accordance with 16-CPM-0072
DOE-STD-3009	1994	Preparation Guide for DOE Nonreactor Nuclear Facility Safety Analysis Reports (Change Notice 3, March 2006) <b>(029, 152, 321)</b>	<del>Contract Clause C.6, Standard 9, paragraph 2 <b>(321)</b></del> DELETED <b>(472)</b>
DOE-STD-1228	2019	Preparation of Documented Safety Analysis for Hazard Category 3 Nuclear Facilities <b>(472)</b>	Contract Clause C.6, Standard 9, paragraph 2 <b>(472)</b>
DOE-HDBK-1092-2013, Appendix D	07/2013	DOE Electrical Safety Handbook. Refer to Note 15 <b>(353)</b>	The order is effective regardless of comment above at (b)
DOE-STD-1195	09/2016	Design of Safety Significant Safety Instrumented Systems Used at DOE Non-Reactor Nuclear Facilities <b>(384)</b>	Implement clause 11.4 (inclusive of subclauses 11.4.1 through 11.4.9) of International Electrotechnical Commission (IEC) standard 61511-1 (Edition 2.0) concurrent with DOE-STD-1195-2011 as a means of achieving Safety Integrity Level – 2 (SIL-2) for low demand simple Safety Instrumented Functions without requiring redundancy, particularly with respect to final control devices such as valves. <b>(384)</b>

Notes:

1. **DELETED (505)**
7. **Contractor's Statement of Release:** In consideration of the Modification 505, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the changes as noted in the section of the modification relating to LBL Physical Plant Complete Performance Based Incentives. Excepted from this release is Contractor's right to pursue equitable adjustment from cost and schedule impacts as described in BNI letter CCN-312829 and CCN-296496.
8. All other terms and conditions remain unchanged.

*(End of Modification)*