AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE 1 OF PAGES 7

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

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)*		9A. AMENDMENT OF SOLICITATION NO.
Bechtel National, Inc. **2435 Stevens Center Place** **Richland, WA 99354**	☐	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)

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)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
Frank M. Russo **Project Director**		**Ashley T. Morris** **Contracting Officer**	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED 2/28/11	16B. UNITED STATES OF AMERICA BY ORIGINAL SIGNED BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 3/7/2011

Purpose of Modification:

The purpose of this modification is to update Section J, *List of Attachments*.

Description of Modification:

1. Update the table in Section J, *List of Attachments*, Attachment E, *List of Applicable Directives (List B-DEAR 970.5204.78)*, paragraph (b) to add DOE Order 422.1, *Conduct of Operations,* Contractor Requirements Documents (CRD). The table in Section J, *List of Attachments*, Attachment E, *List of Applicable Directives (List B-DEAR 970.5204-78)*, paragraph (b) is replaced as follows:

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
06-AMD-050 (CCN 144548)	08/28/06	Office of Environmental Management Interim Guidance, "Safety Integration into Early Phases of Environmental Management Facility Design." **(M084)**	The letter is effective regardless of comment above at (b) **(M175)**
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 **(M175)**
DOE/EM-0093	12/96	Waste Acceptance Product Specifications for Vitrified High Level Waste Forms (WAPS) Revision 2 **(M114)**	Contract Clause C.8, Specification 1, 1.2.1.4 and 1.2.2.1.1 **(M175)**
DOE/RL-94-02	06/2010	Hanford Emergency Management Plan (Revision 4, June 2010) **(A197)**	Contract Clause C.6, Standard 4(j) and Standard 7(e)(1) Table S7-1 **(M175)** Refer to Note 5 **(A197)**
DOE M 140.1-1B, CRD	03/30/01	Interface with Defense Nuclear Facilities Safety Board.	Contract Clause C.4 (d) **(M175)**
DOE O 142.3A, CRD	10/14/10	Unclassified Foreign Visits and Assignments Program. **(M047) (M124) (203)**	The order is effective regardless of comment above at (b) **(M175)**
~~DOE O 205.1A, CRD~~	12/4/06	DELETED **(M194)**	
~~DOE M 205.1-2~~		DELETED **(M175)**	
~~DOE M 205.1-~~		DELETED **(M194)**	

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
~~5, CRD~~			
~~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 210.2, CRD	06/16/06	DOE Corporate Operating Experience Program **(M077)**	Contract Clause H.49 **(M175)**
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 226.1A, CRD	7/31/07	Implementation of Department of Energy Oversight Policy **(M069)** **(M108)**	Contract Clause H.46 **(M175)**
DOE O 231.1A	08/19/03	Environment, Safety, and Health Reporting **(M033)**	Contract Clause C.6, Standard 1(d)(5) and (6) **(M175)**
DOE M 231.1-1A, Change 2, CRD	06/12/07	Environment, Safety and Health Reporting Manual **(M175)**	Contract Clause C.6, Standard 1(d)(6) and Standard 7(e)(1) Table S7-1 **(M175)**
DOE M 231.1-2, CRD	8/19/03	Occurrence Reporting and Processing of Operations Information **(M057)**	Contract Clause C.6, Standard 1(d)(5) and (6) **(M175)**
SCRD M 231.1-2	7/24/06	Occurrence Reporting and Processing of Operations Information Revision1 **(M057)** **(06-AMD-043)** **(M068)**	Contract Clause C.6, Standard 1(d)(5) & (6) **(M175)**
HFID 232-1B	09/08/99	Notification and Reporting of Operations Information	Contract Clause C.6, Standard 4(j) and Contract Clause H.24(c) **(M175)**
DOE N 234.1, CRD	02/27/08	Reporting of Radioactive Sealed Sources **(M130)**	The notice is effective regardless of comment above at (b) **(M175)**
DOE O 241.1, CRD	08/17/98	Scientific and Technical Information Management	Contract Clause G.8(c) **(M175)**

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE/RW-0333P	10/01/08	Quality Assurance Requirements and Description for the Civilian Radioactive Waste Management Program (QARD) – Revision 20 **(M099) (M134)**	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 **(M175)**
DOE O 350.1, Chg 3, CRD	02/23/10	Contractor Human Resource Management Program **(M171) (M175)**	Contract Clause H.37 **(M175)**
DOE/RW-0351	5/31/07	Waste Acceptance System Requirements Document (WASRD) - Revision 5 **(M114)**	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 **(M175)**
DOE O 413.3A, CRD	07/28/06	Program and Project Management for the Acquisition of Capital Assets **(M055) (M076)**	Contract Clause C.6, Standard 1, opening paragraph, (a), (b)(3) and (c)(1) **(M175)**
DOE M 413.3-1	03/28/03	Project Management for the Acquisition of Capital Assets **(M055)** Applicable to Standard 5 only **(A164).**	Contract Clause C.6, Standard 5(a)(6) and (k) **(M175)**
DOE O 414.1C, CRD	04/16/10	Quality Assurance (M066)	Contract Clause C.6, Standard 7(e)(3)(i) & (iv) (M175)
DOE O 422.1, CRD	06/29/10	Conduct of Operations	The notice is effective regardless of comment above at (b). Contractor shall implement consistent with CCN 229138.
DOE O 425.1D, CRD	04/16/10	Verification of Readiness to Start Up or Restart Nuclear Facilities (M033) (A190)	Contract Clause C.6, Standard 5(a)(5), (c)(6), (e)(2), (f), and (g) (M175)
DOE O 435.1, Chg 1, CRD	08/28/01	Radioactive Waste Management.	Implementation of this DOE CRD using the graded approach; approved by 04-WEC-004; CCN 081173 satisfies the comment above at (b). (M130) (M175)
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 442.1A & Supplemented Rev. 1, CRD	06/06/01	Department of Energy Employee Concerns Program (A029)	The order is effective regardless of comment above at (b) (M175)
DOE M 442.1-1, CRD	11/16/06	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety and Health (M095)	The manual is effective regardless of comment above at (b) (M175)
DOE M 450.4-1, CRD	11/01/06	Integrated Safety Management System Manual.	Attachment 1 to Contract Modification M097 – Contractor Requirements Document (M097) (M175)
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	07/23/09	Physical Protection	Contractor shall implement consistent with 08-ESQ-116 (CCN 181839) and confirmed by CCN – 208288) (A164) (M175)
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, CRD	4/9/03	Manual for Identifying and Protecting Official Use Only Information (M087)	Contract Clause H.50 (M175)
DOE O 475.1, CRD	12/10/04	Counterintelligence Program (M071)	Contract Clause C.6, Standard 8(c) (M175)
DOE/RW-0511, Volume I, Rev. 3	01/2007	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, 1.2.1.10 and 1.2.2.1.1 (M175)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE O 551.1C, CRD	06/24/08	Official Foreign Travel. Refer to Note 4. (M141) (M175)	Contract Clause I.109 (M175)
RL/REG-2000-04	07/03	Industrial Health and Safety Oversight Plan (M033)	Contract Clause C.6, Standard 4(j) and Standard 7(e)(1)(ii) (M175)
DOE/ORP-2000-06		Deleted through Contract Modification M082 (M175)	
DOE STD 3009	1994	Preparation Guide for DOE Nonreactor Nuclear Facility Safety Analysis Reports (Change Notice 3, March 2006) (A029) (M152)	Contract Clause C.6, Standard 9, Table S9-1 (M175)
DOE O 5480.20A, Change 1, CRD	07/12/01	Personnel Selection, Qualification, and Training requirements for DOE Nuclear Facilities (M152)	Contract Clause C.3(f)(6) and Contract Clause C.6, Standard 5(j)(viii) (M175)
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)

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 included by Modification No. A029 and deemed to be the "subsequent version of the order in effect at the time of award" per DEAR 952.247-70.
5. The Contractor shall implement Rev. 4 (June 2010) of DOE/RL-94-02 over a period of one year as described in CCNs 207914 and 227444 (10-WTP-291).

Contractor's Statement of Release: In consideration of the Modification agreed to herein as complete equitable adjustment, 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 this modification.

All other terms and conditions remain unchanged.

(End of Modification)