

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 1 OF PAGES 4
2. AMENDMENT/MODIFICATION NO. 241	3. EFFECTIVE DATE (M.D.Y) See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Energy Office of River Protection P. O. Box 450, MS H6-60 Richland, WA 99352	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code) Bechtel National, Inc. 2435 Stevens Center Place Richland, WA 99354		<input type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO.	
		<input type="checkbox"/>	9B. DATED (SEE ITEM 11)	
		<input checked="" type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC27-01RV14136	
		<input checked="" type="checkbox"/>	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.
<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: Clause I.82, "FAR 52.243-2 Changes – Cost Reimbursement (AUG 1987) – Alternate III (APR 1984)"
<input type="checkbox"/>	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.)

Reference Continuation 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) Frank M. Russo Project Director		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ashley T. Morris Contracting Officer	
15B. CONTRACTOR/OFFEROR/ ORIGINAL SIGNED BY <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED 11/2/11	16B. UNITED STATES OF AMERICA BY ORIGINAL SIGNED BY <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 11/9/11

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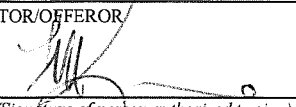
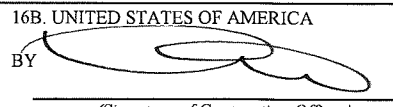
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15A. NAME AND TITLE OF SIGNER (Type or print) Frank M. Russo Project Director	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ashley T. Morris Contracting Officer
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)
15C. DATE SIGNED 11/2/11	16C. DATE SIGNED 11/9/11

Purpose of Modification:

The purpose of this modification is to revise Contract Section C, *Statement of Work*, Contract Clause C.6, *Standards*, Standard 3, *Design*, paragraph (c), *Establish and Maintain Design Documentation*, sub-paragraph (1), *System Descriptions*, sub-paragraph (17), *Mechanical Flow Diagrams*, and sub-paragraph (20), *Other Applicable Design Products Including*. These revisions are made under the authority of the 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. Contract Section C, *Statement of Work*, Contract Clause C.6, *Standards*, Standard 3, *Design*, paragraph (c), *Establish and Maintain Design Documentation*, sub-paragraph (1), *System Descriptions*, is revised as follows:

FROM:

- (1) System Descriptions: The system descriptions shall include references to all design documents (process flow diagrams, piping and instrumentation diagrams, engineering calculations, process data sheets, R&T development work and test reports, material handling diagrams, mechanical flow diagrams, design proposal drawings, etc.) associated with the applicable systems.

TO:

- (1) System Descriptions: The system descriptions shall include, by reference or incorporation, all design documents (process flow diagrams, piping and instrumentation diagrams, engineering calculations, process data sheets, R&T development work and test reports, mechanical handling diagrams, mechanical flow diagrams, design proposal drawings, etc.) associated with the applicable systems (241).

2. Contract Section C, *Statement of Work*, Contract Clause C.6, *Standards*, Standard 3, *Design*, paragraph (c), *Establish and Maintain Design Documentation*, sub-paragraph (17), *Mechanical Flow Diagrams*, is revised as follows:

FROM:

- (17) Mechanical Flow Diagrams: The Contractor shall prepare mechanical handling diagrams for the Pretreatment, HLW Vitrification, LAW Vitrification, Analytical Laboratory, and Balance of Facilities. The diagrams shall be prepared with sufficient detail to support the hazards analysis review and the operations research model. The diagrams shall identify mechanical equipment and each step and sequence of the operation.

TO:

- (17) Mechanical Flow/Handling Diagrams: The Contractor shall prepare mechanical flow diagrams and mechanical handling diagrams for the Pretreatment, HLW Vitrification, LAW Vitrification, Analytical Laboratory, and Balance of Facilities. The diagrams shall be prepared with sufficient detail to support the hazards analysis review and the operations research model. The diagrams shall identify mechanical equipment and each step and sequence of the operation. Mechanical flow diagrams (sequence of operations) may be either maintained as a standalone document or appended to the Systems Descriptions (241).

3. Contract Section C, *Statement of Work*, Contract Clause C.6, *Standards*, Standard 3, *Design*, paragraph (c), *Establish and Maintain Design Documentation*, sub-paragraph (20), *Other Applicable Design Products Including*, is revised as follows:

FROM:

- (20) Other Applicable Design Products Including:
- (i) Ventilation and instrumentation diagrams;
 - (ii) Instrument schedules;
 - (iii) Electrical single line diagrams;
 - (iv) Electrical load schedules;
 - (v) Mechanical flow diagrams;

- (vi) Material handling diagrams; and
- (vii) Design proposal drawings (equipment procurement drawings).

TO:

(20) Other Applicable Design Products Including:

- (i) Ventilation and instrumentation diagrams;
- (ii) Instrument schedules;
- (iii) Electrical single line diagrams;
- (iv) Electrical load schedules;
- (v) Deleted (241);
- (vi) Deleted (241); and
- (vii) Design proposal drawings (equipment procurement drawings).

4. **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.
5. All other terms and conditions remain unchanged.

(End of Modification)