AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
<thead>
<tr>
<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE (M/D/Y)</th>
<th>4. REQUISITION/PURCHASE RQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
<th>6. ISSUED BY</th>
<th>7. ADMINISTERED BY (If other than item 6)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>218</td>
<td>See Block 16C</td>
<td>11EM002338</td>
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</tr>
</tbody>
</table>

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

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)

☐ 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 1.82, "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)
Purpose of Modification:

The purpose of this modification is to update Section I, *Contract Clauses*, and Section I, *List of Attachments*.

Description of Modification:

1. Update Section I, *Contract Clauses*, Contract Clause I.85, FAR 52.244-6 *Subcontracts (Aug 1998) – Alternate I (Aug 1998)*, and show correction in title from Alternate I to Alternate II. The body of Contract Clause I.85 contains contractual text for Alternate II, therefore only the title is changed. This change is made to the title page of Section I as well as the heading for Contract Clause I.85. The title page and heading for Section I, Contract Clause I.85, is changed as follows:

FROM:

I.85  FAR 52.244-2 SUBCONTRACTS (AUG 1998) – ALTERNATE I (AUG 1998)

TO:

I.85  FAR 52.244-2 SUBCONTRACTS (AUG 1998) – ALTERNATE II (AUG 1998)

2. Delete Note in Section I, *Contract Clauses*, Contract Clause I.85, FAR 52.244-6 *Subcontracts (Aug 1998) – Alternate I (Aug 1998)*, paragraph (e). Section I, Contract Clause I.85, paragraph (e) is changed as follows:

FROM:

(e) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts:

(1) Operability and Commissioning Subcontract

(2) A consent threshold is applicable to new awards ("Rev. 0") (effective January 22, 2008) and subsequent modifications increasing the value (effective March 2010) equal to or greater than $25,000,000, in accordance with the following time periods/values. (M107) (M118) (M166)
(i) From Contract award through June 25, 2007: NONE

(ii) From June 26, 2007 (Mod M107) through January 21, 2008: New awards greater than $10,000,000.

(iii) From January 22, 2008: New awards greater than $25,000,000. (Mod M118) In addition, from March 2010, subsequent modifications increasing the value to greater than $25,000,000. The Contractor shall submit the consent request to the Contracting Officer for all new and aggregate awards thirty (30) days prior to award. (M166)

(iv) From July 15, 2009: For new awards greater than $10,000,000 up to $25,000,000, the ORP Contracting Officer has the option to select potential awards for further review and consent. In addition, from March 10, 2010 the Contracting Officer has the option to select potential awards for further review for all Time and Material and Sole Source type contracts over $100,000.00. Included in this requirement is the need for the Contractor to send all supporting documentation with the advanced notification for award. (M166)

(v) From November 5, 2009: For new awards greater than $50,000,000 and subsequent Modifications increasing the value to greater than $50,000,000. The Contractor shall submit the consent request to the Contracting Officer for all new and aggregate awards sixty (60) days prior to award. (M166)

NOTE: ORP C.O. review response will be within one week of receipt of the consent package; the >$25,000,000 Headquarters mandatory consent threshold still remains in effect. (A151)
TO:

(e) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts:

(1) Operability and Commissioning Subcontract

(2) A consent threshold is applicable to new awards ("Rev. 0") (effective January 22, 2008) and subsequent modifications increasing the value (effective March 2010) equal to or greater than $25,000,000, in accordance with the following time periods/values. (M107) (M118) (M166)

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(v) From November 5, 2009: For new awards greater than $50,000,000 and subsequent Modifications increasing the value to greater than $50,000,000.
The Contractor shall submit the consent request to the Contracting Officer for all new and aggregate awards sixty (60) days prior to award. (M166)

NOTE: ORP C.O. review response will be within one week of receipt of the consent package; the $25,000,000 Headquarters mandatory consent threshold still remains in effect. (A151) (218)

3. Update Section J, List of Attachments, Attachment J, Advance Understanding on Costs, Item 13, Table 13.B, Not-To-Exceeds Not Included in Modification No. A143 Definitization (M155), and add the following change orders:

- Direction to Implement Multiple Operational Readiness Strategy
- Direction to Implement CXP Equipment Option
- Direction to Proceed with Large Scale Testing

The table in Section J, Attachment J, Item 13, Table 13.B is also updated to show the definitization of the change order to implement Pretreatment Engineering Platform Dry Layup, which was issued through Contract Modification No. M154. This change order was definitized through Contract Modification No. A167. Section J, Attachment J, Item 13, Table 13.B, is deleted in its entirety and replaced as follows:

<table>
<thead>
<tr>
<th>DOCUMENT ID.</th>
<th>TITLE</th>
<th>DEFINITIZATION MODIFICATION NO.</th>
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<tbody>
<tr>
<td>BCP-24590-06-02279</td>
<td>Expansion of DWP Requirements (permit Modifications) (M122) (M130)</td>
<td>A193</td>
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<tr>
<td>ORP 08-NSD-011 (05/20/08) (CCN 179512)</td>
<td>ORP Direction to Implement New Preliminary Safety Analysis Report (PSAR) Updates (M136)</td>
<td>A164</td>
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<td>TN 24590-06-03487</td>
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<tr>
<td>ORP 08-NSD-057 (10/09/08) (CCN 188218)</td>
<td>Direction to Implement New Safety Classification Process for the Waste Treatment and Immobilization Plant (WTP) (M141)</td>
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<td>TN 24590-06-03752</td>
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<tr>
<td>ORP 08-NSD-059 (10/15/08) (CCN 188217)</td>
<td>Direction to Implement New Justification for Continued Design, Procurement, and Installation (JCDPI) (M152)</td>
<td>A164</td>
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<td>TN 24590-06-03753</td>
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<tr>
<td>M090 &amp; 09-AMD-205 (07/18/08) (CCN 202423)</td>
<td>Direction to Implement DOE 205.1A, Cyber Security Management Program (M155)</td>
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<td>TN 24590-06-02145 &amp; -02381</td>
<td>Direction to Implement Pretreatment Engineering Platform (PEP) dry layup (M155)</td>
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<td>Modification M154</td>
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<td>TN 24590-06-04133</td>
<td>Direction to Implement Multiple Operational Readiness Strategy (218)</td>
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<td>Modification M196</td>
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<td>BCP 24590-06-04489</td>
<td>Direction to Implement CXP Equipment Option (218)</td>
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<td>BCP 24590-06-04784</td>
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<td>Modification M196</td>
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<td>ORP 10-AMD-139 (05/06/10; CCN 218244)</td>
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<tr>
<td>ORP 10-WTP-352 (12/22/10; CCN 229346)</td>
<td>Direction to Proceed with Large Scale Testing (218)</td>
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</table>

**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, but specifically excluding those items in Table 13-B that do not reflect a Definitization Modification No.

All other terms and conditions remain unchanged.

*(End of Modification)*