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| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | 1. CONTRACT ID CODE | PAGE 1 | OF | PAGES 4 |
|---|---------------------|------------------|----|-------------------|

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| 2. AMENDMENT/MODIFICATION NO. M130 | 3. EFFECTIVE DATE (M/D/Y) See Block 16C | 4. REQUISITION/PURCHASE REQ. NO. | 5. PROJECT NO. (If applicable) |
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| 6. ISSUED BY U.S. Department of Energy Office of River Protection P. O. Box 450, MS H6-60 Richland, WA 99352 | 7. ADMINISTERED BY (If other than Item 6) |
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| 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 |
| | | 10B. DATED (SEE ITEM 13) December 11, 2000 |

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| CODE | FACILITY CODE |
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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.**

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| 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 checked="" type="checkbox"/> | FAR 52.243-2, Changes—Cost-Reimbursement |
| <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 type="checkbox"/> | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF: |
| <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.)

Various Changes to Section J as Described on the 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.

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| 15A. NAME AND TITLE OF SIGNER (Type or print) W.S. Elkins BNI Project Director | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Thomas M. Williams Contracting Officer |
| 15B. CONTRACTOR/OFFEROR ORIGINAL SIGNED BY _____ (Signature of person authorized to sign) | 15C. DATE SIGNED 6/2/08 |
| 16B. UNITED STATES OF AMERICA ORIGINAL SIGNED BY _____ (Signature of Contracting Officer) | 16C. DATE SIGNED 6/5/08 |

Purpose of Modification:

The purpose of this modification is to incorporate various changes to the following parts of Section J, List of Attachments:

(A) Attachment E, List of Applicable Directives (List B -- DEAR 970.5204-78), paragraph (a):

1. DELETE BNFL-5193-SRD-01, Latest Revision, *Tank Waste Remediation System Privatization Project Safety Requirements Document*. This document is being deleted as it is obsolete, being superseded by the subsequent preparation and submittal of the BNI Safety Requirements Document.
2. DOE/RL-96-0006, ADD "Revision 3" after the title *Top-Level Radiological, Nuclear and Process Safety Standards and Principles for the RPP Waste Treatment Plant Contractor*. Revision 3 is the same as the noted date 02/04, but is being added for clarity and ease of identification.

(B) Attachment E, List of Applicable Directives (List B -- DEAR 970.5204-78), paragraph (b):

1. ADD DOE Order 435.1, Chg. 1, 08/28/01, *Radioactive Waste Management* on a graded approach as proposed by BNI (CCN 063546) and approved by ORP (04-WEC-004; CCN 081173). The cost impact for implementing DOE O 435.1 Chg 1 is contained in previously submitted BNI Request for Equitable Adjustment (REA) 2006-009, the settlement of which will be the subject of a subsequent Contract Modification. Related correspondence is as follows:
 - (a) CCN 063546, letter from J. P. Henschel, BNI, to R. J. Schepens, ORP, "Hanford Tank Waste Treatment and Immobilization Plant Impact Analysis of Scope, Cost and Schedule for Implementation of Applicable DOE Order 435.1 Requirements," dated December 22, 2003.
 - (b) CCN 081173, letter from R. J. Schepens, ORP, to J. P. Henschel, BNI, "Response to Hanford Tank Waste Treatment and Immobilization Plant Impact Analysis of Scope, Cost and Schedule for Implementation of Applicable DOE Order 435.1 Requirements," 04-WEC-004, dated February 2, 2004.
 - (c) CCN 136281, letter from J. J. Short, ORP, to J. P. Henschel, BNI, "Response to Review of Hanford Site Solid Waste Acceptance Criteria (HSSWAC)," 05-WED-047, dated February 21, 2006.
2. REVISE DOE Order 551.1, Chg. 1, to now be DOE O 551.1B (8/19/03). BNI CCN 094639 states there is no impact for this change, based upon certain assumptions listed. Approach approved by ORP letter 04-WTP-196. Related correspondence is as follows:
 - (a) CCN 094639, letter from J. P. Henschel, BNI, to R. J. Schepens, ORP, "Contract Clause I.117 "DEAR 970.5204-78 Laws, Regulations, and DOE Directives," U.S. Department of Energy (DOE) O 551.1B, Official Foreign Travel," dated August 18, 2004.
 - (b) CCN 099006, letter from R. J. Schepens, ORP, to J. P. Henschel, BNI, "U.S. Department of Energy (DOE) O 551.1B, Official Foreign Travel," 04-WTP-196, dated August 27, 2004.
3. CORRECT date for DOE O 442.1A & Supplemented Revision 1 to be 06/06/01. This version of the Order was incorporated by previous Modification A029, however the change did not get entered in this section at that time. Related correspondence:
 - (a) CCN 054394, letter from R. J. Schepens, ORP, to R. F. Naventi, BNI, "Clause I.117, "Laws, Regulations, and Directives," and Section J, Attachment E -- List of Applicable Directives (List B) -- Supplemented Contractor Requirements Document (CRD) O 442.1A, Rev. 1, Department of Energy Employee Concerns Program," 03-AMTF-007, dated March 21, 2003.

(b) CCN 055667, letter from R. F. Naventi, BNI, to R. J. Schepens, ORP, "Impact of Adding Clause I.117, "Laws, Regulations, and Directives," and Section J, Attachment E -- List of Applicable Directives (List B) -- Supplemented Contractor Requirements Document (CRD) O 442.1A, Rev. 1, Department of Energy Employee Concerns Program," dated May 7, 2003.

4. ADD DOE N 234.1, Reporting of Radioactive Sealed Sources, 02/27/08 and DOE M 441.1-Nuclear Material Packaging, 03/07/08, at no additional cost to the contract.

(a) CCN 176850, letter from N. F. Grover, BNI, to T. M. Williams, ORP, "Impact to Implement DOE Manual 441.1-1 and DOE Notice 234.1", dated May 20, 2008.

(b) CCN 178054, letter from T. M. Williams, ORP, to N. F. Grover, BNI, "Contract Clause I.117, U.S. Department of Energy (DOE) Acquisition Regulations (DEAR) 970.5204-78, Laws, Regulations and DOE Directives; Implementation of DOE M 441.1-1, 'Nuclear Material packaging,'" and "DOE N 234.1, 'Reporting of Radioactive Sealed Sources'",: 08-AMD-107, dated April 23, 2008.

(C) Attachment F, Key Personnel:

1. REPLACE Phillip W. Schuetz with Tyrone P. Troutman, Jr., and revise the title to read Area Project Manager (High-Level Waste). Related correspondence is as follows:

(a) CCN 176611, letter from N. F. Grover, BNI, to T. M. Williams, ORP, "Contract Clause H.3, Key Personnel, Phillip W. Schuetz and Tyrone P. Troutman, Jr.," dated May 8, 2008.

(b) 08-AMD-131, letter from T. M. Williams, ORP, to N. F. Grover, BNI, dated May 21, 2008.

2. REVISE titles of various other existing Key Personnel.

(D) Attachment J, Advance Understanding on Costs:

1. REVISE Item 13 to add the following Trends and Baseline Change Proposal for which Not-to-Exceed values were previously incorporated into the Contract by the Modifications as noted:

- TN-24590-06-01930 Technical Feasibility Study of WTP Startup Sequencing (M098)
- TN-24590-06-02430 Perform Impact Assessment of Borehole Data (M098)
- BCP-24590-06-02279 Expansion of DWP Requirements (Permit Modifications) (M122)

2. ADD new Item 16 listing various previously agreed upon Advance Agreements on Costs.

Description of Modification:

1) Section J, Attachment E, paragraph (a) is changed as follows:

(a) DELETE entry for BNFL-5193-SRD-01

(b) ADD "Revision 3" after the title for DOE/RL-96-0006

2) Section J, Attachment E, paragraph (b) is changed as follows:

(a) ADD new items

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| DOE O 435.1, Chg 1 (M130) | 08/28/01 (M130) | Radioactive Waste Management (Implementation of this Order using the graded approach; approved by 04-WEC-004; CCN 081173 satisfies the comment above at (b).) (M130) |
| DOE M 441.1-1 (M130) | 03/07/08 | Nuclear Material Packaging (M130) The order is effective regardless of comment above at (b) |
| DOE N 234.1 (M130) | 02/27/08 | Reporting of radioactive Sealed Sources (M130) The order is effective regardless of comment above at (b) |

- (b) REVISE DOE Order 551.1, Chg. 1, to now be DOE O 551.1B (8/19/03).
- (c) CORRECT date for DOE O 442.1A & Supplemented Revision 1 to be 06/06/01.

3) Section J, Attachment F is changed as follows:

(a) REPLACE Phillip W. Schuetz with Tyrone P. Troutman, Jr., and revise the title to read "Area Project Manager (High-Level Waste)".

(b) CHANGE Position Titles of the following existing Key Personnel to now read:

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| George H. Clare | Assistant Project Director (Quality & Safety Assurance, Technology & Plant Operations) |
| Leon Lamm | Area Project Manager (Pretreatment) |
| William T. Clements | Area Project Manager (Low-Activity Waste/Balance of Facilities/Analytical Laboratory) |
| David J. Jantosik | Quality & Performance Assurance Manager |
| James Wilson | Plant Operations Manager |
| Greg Ashley | Manager of Engineering |
| David F. Leeth | Manager of Construction |
| Nikki Grover | Assistant Project Director (Business Services) |

4) Section J, Attachment J, Item 13:

(a) REVISE the first line to now read: "The following Trends (TN) and Baseline Change Proposals (BCP) are incorporated and made a part of this contract."

(b) ADD the identifier "TN" in front of the Trend number of the existing (eight) entries.

(c) ADD the following new items:

- TN-24590-06-01930 Technical Feasibility Study of WTP Startup Sequencing (M098)
- TN-24590-06-02430 Perform Impact Assessment of Borehole Data (M098)
- BCP-24590-06-02279 Expansion of DWP Requirements (Permit Modifications) (M122)

5) Section J, Attachment J, ADD new Item 16 incorporating the following Advance Agreements:

- Offsite Beryllium Medical Exam Costs
- Relocation Costs Associated with Establishing a Frederick, MD WTP Project Office
- Steps to Bring BNI Billings and DOE Financial System into Agreement
- Costs Related to Safety Award to WTP Construction Site Employees
- Costs Related to WTP College Hire Conference
- Costs Related to Per Diem Expenses for Certain Employees
- Costs Related to Living Away From Home Option (LAFHO)

6) Attachment 1 is included to reflect the aforementioned changes.

7) All other terms and conditions remain the same.

(End of Modification)