

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE _____ PAGE **1** OF **4** PAGES

2. AMENDMENT/MODIFICATION NO. **440** 3. EFFECTIVE DATE (M/D/Y) **See Block 16C** 4. REQUISITION/PURCHASE REQ. NO. _____ 5. PROJECT NO. (If applicable) _____

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)

**Bechtel National, Inc.
2435 Stevens Center Place
Richland, WA 99354**

9A. AMENDMENT OF SOLICITATION NO. _____

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 1 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)
Period of Performance: 12/11/2000 to 12/31/2022**

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)
**Ronald E. Cone Jr.
Contracting Officer**

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED **25 OCT 18**

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED **10-29-2018**

(Signature of person authorized to sign)

BY *(Signature of Contracting Officer)*

Purpose of Modification:

The purpose of this modification is to make the following changes:

1. Section C, Statement of Work, C.6 Standards, Standard 1 is updated to remove references to ANSI/EIA 748-A-1998 due to Mod 271 making EIA-748-B the only applicable standard.
2. Section J, List of Attachments, is revised to update Attachment E – List of Applicable Directives, DOE O 442.2 and Attachment F – Key Personnel.

These changes are performed under the authority provided by 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. Section C, Statement of Work, C.6 Standards, Standard 1 is updated to remove references to ANSI/EIA 748-A-1998. Paragraph (a) is updated as follows:

(a) Baseline Description and Requirements:

The Contractor shall develop and maintain a contract-compliant integrated and traceable technical scope, schedule, and cost baseline for the WTP Project. The baseline shall be managed in accordance with the process documented in the Earned Value Management System (EVMS) Description (Table C.5-1.1, Deliverable 1.3) and the Baseline Change Control Program Procedure (Table C.5-1.1, Deliverable 1.11) consistent with the below concepts and provisions:

Variations will be managed and approved through the Contractor's Trend Process as defined in Deliverables 1.3 and 1.11. Variations are accrued following the realization of circumstances that could have plausibly been anticipated or mitigated by the responsible control account manager(s).

BCPs will be managed and approved through the Contractor's processes as defined in Deliverables 1.3 and 1.11. BCPs are processed when circumstances could not have plausibly been anticipated or mitigated by the responsible control account manager(s). BCPs are generated and approved at the Contractor's discretion with the below exceptions:

- Baseline changes that result in a point adjustment.
- BCPs generated to support the cost and schedule impacts from a Request for Equitable Adjustment (REA). These BCPs (for REAs) will change the Total Estimated Contract Cost and may become the basis for earning additional fee.

The baseline and management thereof shall comply with this standard;
~~ANSI/EIA-748A-1998, Earned Value Management Systems; and~~ DOE O 413.3B, CRD.
The baseline shall include (271):

- WTP Project technical requirements as delineated in (a)(1);
- Schedule to implement project work scope as described in (a)(2); and
- Project cost to implement project work scope on the schedule as described in (a)(3).

The technical scope, schedule, and cost baseline (WTP baseline) shall be maintained using a baseline change control process as further described in (a)(4).

Control System Description: The Contractor shall provide for DOE approval an EVMS description meeting the requirements of DOE O 413.3B, *Program and Project Management for the Acquisition of Capital Assets*, CRD; ~~and ANSI/EIA-748-A-1998, Earned Value Management Systems~~ (Table C.5-1.1, Deliverable 1.3). The system description shall describe the management processes and controls that will be utilized to manage and control work and complete contract requirements. Upon approval by the Contracting Officer, the Contractor shall fully implement the project control system. The Contractor shall obtain Contracting Officer approval prior to implementing materially significant changes to the system description. The Contracting Officer may direct compliance reviews to determine whether the Contractor is operating in accordance with the approved system description and producing accurate planning, budgeting, reporting, and change control data. The Contractor shall provide the Contracting Officer or designated representatives with access to all pertinent records, data, and plans for purposes of initial approval, approval of proposed changes, and the ongoing operation of the project control system (271).

2. Section C, Statement of Work, C.6 Standards, Standard 1 is updated to remove references to ANSI/EIA 748-A-1998. Paragraph (b)(3) is updated as follows:

- (3) Control System Description: The Contractor shall provide for DOE approval an EVMS description meeting the requirements of DOE O 413.3B, *Program and Project Management for the Acquisition of Capital Assets*, CRD; ~~and ANSI/EIA-748-A-1998, Earned Value Management Systems~~ (Table C.5-1.1, Deliverable 1.3). The system description shall describe the management processes and controls that will be utilized to manage and control work and complete contract requirements. Upon approval by the Contracting Officer, the Contractor shall fully implement the project control system. The Contractor shall obtain Contracting Officer approval prior to implementing materially significant changes to the system description. The Contracting Officer may direct compliance reviews to determine whether the Contractor is operating in accordance with the approved system description and producing accurate planning, budgeting, reporting, and change control data. The Contractor shall provide the Contracting Officer or designated representatives with access to all pertinent records, data, and plans for purposes of initial approval, approval of proposed changes, and the ongoing operation of the project control system (271).

3. The table in Section J, List of Attachments, Attachment E – List of Applicable Directives, paragraph (b), is revised to update DOE O 442.2 as follows:

DOE O 442.2, Chg 1, CRD	10/05/16	Differing Opinions for Technical Issues Involving Environment, Safety, and Health (271, 440)	The order is effective regardless of comment above at (b) and implemented as described in CCN: 246747
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4. Section J, List of Attachments, Attachment F – Key Personnel is revised as follows:

Key Position (M110) (M130) (M133) (M147) (M152) (M158) (A164) (M181) (206) (208) (242) (261) (276) (291) (303) (308) (332) (336) (353) (366) (369) (376) (387) (391) (419) (425) (440)	Current Employee
Project Director	Brian Reilly Valerie McCain
Deputy Project Director	Kimberly Irwin Felice Presti
Area Manager, Nuclear Safety	Alan Dobson
Manager of Safety & Health	Michael Zustra
Manager of Nuclear Safety Engineering	Robert (R.T.) Brock
Manager of Quality	James Tibble
Manager of Engineering and Design Authority	Ian Milgate
Business Services Manager	Chris Binns
Site Director	Rick Holmes

5. All other terms and conditions remain unchanged.

(End of Modification)