AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE 1 OF 6

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE *(M/D/Y)*	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M010	See Block 16C	AN-NOPR	

ISSUED BY — CODE

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)* — CO

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP code)*

Bechtel National, Inc.
3000 George Washington Way
Richland, WA 99352

CODE — FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC27-01RV14136

December 11, 2000

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 ACKNOWLEDGE-MENT 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.

☐ 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:
See Page 2

☐ 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)*	
Ronald F. Naventi, Project Manager		Michael K. Barrett, Contracting Officer	
15B. CONTRACTOR/OFFEROR R Naventi *(Signature of person authorized to sign)*	15C. DATE SIGNED 10-08-01	16B. UNITED STATES OF AMERICA BY Michael K. Barrett *(Signature of Contracting Officer)*	16C. DATE SIGNED 10-10-01

Block 13C Continuation:

This supplemental agreement is entered into pursuant to authority of:

A. Section I, Clause I.82, FAR 52.243-2 Changes – Cost-Reimbursement (AUG 1987) – Alternate III (APR 1984)"

B. Mutual agreement

Block 14 Continuation:

A. Purpose of the Modification:

1. Modify the Section C, *Statement of Work*, C.5 *Description of Contract Requirements*, Table C.5-1.1, *Deliverables*, the Contract Due Date of Deliverable 3.6 "Analytical Laboratory Design Requirements."

2. Modify the Section C, *Statement of Work*, Standard 7 *Environment, Safety, Quality, and Health* requirement for the non-radiological worker safety and health program to: (a) conform with Office of River Protection Manual (ORP M) 440.1-2 "Industrial Health and Safety Oversight Plan for the Waste Treatment Plant Contractor"; and (b) reflect the revised Department of Energy review guidance in RL/REG-2000-03, now entitled "Review Guidance for the Nonradiological Worker Safety and Health Plan."

3. Modify the Section C, *Statement of Work*, Standard 7 *Environment, Safety, Quality, and Health* requirement that the Safety Requirements Document (SRD) and Hazards Analysis Report (HAR) be submitted 14 weeks in advance of the Construction Authorization Request (CAR) to allow the SRD and HAR to be submitted concurrent with the CAR, and to provide DOE with one additional month of CAR review time.

4. Modify Section F, *Deliveries or Performance* to establish the delivery date for Milestone M2 "Start of Cold Commissioning."

5. Correct the full text version of Section I, *Contract Clauses*, I.82 Changes – Cost Reimbursement (AUG 1987) to include Alternate III (APR 1984), which was inadvertently deleted in the full text version of Section I executed in Modification No. M007.

6. Under Section J – *List of Attachments*, Attachment E – *List of Applicable Directives* (List B – DEAR 970.5204.78), (a) for environment, safety and health requirements eliminate revision numbers for document "BNFL-5193-SRD-01" and require compliance with the latest revised version thereof; and (b) for additional directives applicable to this Contract add ORP M 440.1-2 "Industrial

Health and Safety Oversight Plan for the Waste Treatment Plant Contractor."

7. Under Section J – *List of Attachments*, Attachment J – *Advance Understanding on Costs*, add an allowability provision regarding costs incurred for Bechtel National, Inc. Six Sigma Program.

B. Description of the Change:

1. Under Section C, *Statement of Work*, C.5 *Description of Contract Requirements*, Table C.5-1.1, *Deliverables*, the Contract Due Date of Deliverable 3.6 "Analytical Laboratory Design Requirements" is changed from September 15, 2001, to October 1, 2001.

2. Section C Statement of Work, C.6 Standards, Standard 7 Environment, Safety, Quality, and Health, the following changes are made Section C, *Statement of Work*, the following changes are made:

(a) Paragraphs (e)(1)(ii) & (iii), the text is revised as follows:

"(ii) The Contractor's non-radiological worker safety and health program shall conform to the DOE ~~regulatory~~oversight program described in ~~RL/REG-2000-04~~ORP M 440.1-2, *Industrial ~~Hygiene~~Health and Safety ~~Regulatory~~Oversight Plan for the Waste Treatment Plant Contractor*.

(iii) The documentation of the Contractor's non-radiological worker safety and health program shall be submitted to DOE for review and approval (Table C.5.1-1, Deliverable 7.0), and shall be updated and resubmitted at each authorization action. If a Limited Construction Authorization Request (LCAR) is submitted, the initial non-radiological worker safety and health program shall be submitted with the LCAR. DOE will review the document according to RL/REG-2000-03, ~~Industrial Hygiene and Safety Review Guidance for the RPP-WTP Limited Construction and Construction Authorization Requests~~Review Guidance for the Nonradiological Worker Safety and Health Plan, and review updates, as appropriate."

(b) Paragraph (e)(2)(viii), the text is revised as follows:

(viii) DOE ~~and~~or the Contractor ~~shall conduct periodic, approximately monthly.~~may request to resolve safety or regulatory issues by means of topical meetings. The subject and time of the meetings should be held to an agreed prearranged schedule. These meetings will be conducted in accordance with ~~a~~the pre-arranged protocol.

DOE will establish the minimum content of the meetings. To the extent practicable, the outcome of a meeting should result in the regulatory closure of the topic. Closure will result from approval of submitted written correspondence.

These meetings will be held in accordance with DOE RL/REG-97-04, *Policy for Openness and Openness Plan for the Office of Safety Regulation of the RPP-WTP Contractor*, and will not exceed fifteen in number. ~~Following approval of the Construction Authorization Request, DOE and the Contractor shall conduct periodic, approximately quarterly, topical meetings. The subject and time of the meetings should be set to a mutually agreed, prearranged schedule. These meetings shall not exceed twelve in number and will be conducted in accordance with a pre-arranged protocol. Schedule, content, and issue closure criteria shall be established for at least four meetings in advance. DOE will establish the minimum content of the meetings. To the extent practicable, the outcome of a meeting should result in the regulatory closure of the topical issue. Closure will result from approval of submitted written correspondence.~~

~~These meetings will be held in accordance with DOE RL-REG-97-04, Policy for Openness and Openness Plan for the Office of Safety Regulation of the RPP-WTP Contractor.~~

3. Under Section C *Statement of Work*, C.6 *Standards*, Standard 7 *Environment, Safety, Quality, and Health*, the following changes are made:

   a. Paragraphs (e)(2)(v) & (vi), the text is revised as follows:

      "(v) The Contractor shall submit a revised Standards Approval Package, excluding the Hazards Analysis Report and Safety Requirements Document, including all necessary supporting documentation, sufficiently in advance of the submission (at least 14 weeks) of the Construction Authorization Request to support DOE review and approval. The Hazards Analysis Report and Safety Requirements Document shall be submitted with the Construction Authorization Request. The required elements of the Standards Approval Package may be incrementally submitted for review. ~~The scope and content of the submittal shall be in accordance with the requirements for a Construction Authorization Request as stipulated in Section 4.3.2, Contractor Input, Items 6) and 8) of DOE/RL-96-0003, DOE Process for Radiological, Nuclear, and Process Safety Regulation of the RPP Waste Treatment Plant Contractor.~~

(vi) The Contractor shall submit the Construction Authorization Request, with the exception of the Standards Approval Package submitted in paragraph (e)(2)(v) of this *Standard*, ~~7~~ 8 months prior to the need for approval of the Authorization to Proceed with construction, for DOE review and approval."

b. Under Table S7-1 *Radiological, Nuclear, and Process Safety Deliverables*, add Note 3 that states: "The Hazards Analysis Report and Safety Requirements Document will be submitted with the Construction Authorization Request rather than with the Standards Approval Package submittal. The Hazards Analysis Report may be submitted as part of the Preliminary Safety Analysis Report." The added Note 3 is applicable to the Safety Requirements Document, Start of Construction, "Revision (Note 3)" and Hazards Analysis Report, "Revision (Note 3)".

c. Under Table S7-1 *Radiological, Nuclear, and Process Safety Deliverables*, add the superscript "1" to the column header "Deliverable" to denote that Note 1 is applicable to all Table S7-1 deliverables.

4. Under Section F, Clause F.1 *Period of Performance and Delivery Dates*, the date for Milestone M2 Start of Cold Commissioning is changed from "TBD" to "February 12, 2007".

5. Under Section I, *Contract Clauses*, I.82 "Changes – Cost Reimbursement (AUG 1987)" include "Alternate III (APR 1984)" by deleting paragraph (a) in its entirety and inserting the following text:

"(a) The Contracting Officer may at any time, by written order, and without notice to the sureties, if any, make changes within the general scope of this contract in the plans and specifications or instructions incorporated in the contract."

6. Under Section J – *List Of Attachments*, Attachment E – *List Of Applicable Directives (List B-DEAR 970.5204.78)*, table under paragraph (a), document "BNFL-5193-SRD-01" delete "Rev 2", and under the DATE column delete "12/20/98" and add "Latest Revision".

7. Under Section J – *List of Attachments*, Attachment J – *Advance Understanding on Costs*, add Item 3 as follows:

"3. During 2001, BNI implemented an internal Six Sigma Program to provide a clear means of work process measurement and continuous process improvement that is expected to result in a net overall reduction in incurred costs under the Contract. Costs to implement the BNI Six Sigma Program are considered

allowable costs under the Contract, subject to other required tests of allowability under the Contract, the Federal Acquisition Regulation, and the Department of Energy Acquisition Regulation."

In the closing paragraph of this attachment, delete the text "Items 1 and 2" and add the text "All items".

C. Contractor's Statement of Release

No equitable adjustment in target cost, target cost range, target fee, schedule, or baseline is required as a result of the changes incorporated by this modification. 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 proposal(s) for adjustment.

D. Contract Value and Contract Funding Summary

Mod. No.	Contract Value						Contract Funding	
	Change			Total				
	Target Cost	Target Fee	Total Contract Value	Target Cost	Target Fee	Total Contract Value	Change	Total
A000	$3,965,000,000	$275,567,500	$4,240,567,500	$3,965,000,000	$275,567,500	$4,240,567,500	$69,000,000	$69,000,000
A002	$0	$0	$0	$3,965,000,000	$275,567,500	$4,240,567,500	$92,000,000	$161,000,000
A004	$0	$0	$0	$3,965,000,000	$275,567,500	$4,240,567,500	$50,000,000	$211,000,000
A006	$0	$0	$0	$3,965,000,000	$275,567,500	$4,240,567,500	$55,000,000	$266,000,000
A009	$0	$0	$0	$3,965,000,000	$275,567,500	$4,240,567,500	$48,000,000	$314,000,000

Schedule Performance & Operational Performance Incentives Will Affect Total Contract Value