

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 190		3. EFFECTIVE DATE 09/22/2011		5. PROJECT NO. (If applicable) 1 2	
6. ISSUED BY CODE Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue Idaho Falls ID 83415		7. ADMINISTERED BY (If other than Item 6) CODE Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue MS 1221 Idaho Falls ID 83415		00701	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) CH2M WG IDAHO LLC Attn: Michael D. Ebben 151 NORTH RIDGE AVENUE SUITE 150 IDAHO FALLS ID 834024039		(x) 9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE 166527569 FACILITY CODE		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC07-05ID14516		10B. DATED (SEE ITEM 13) 03/23/2005	

11. THIS ITEM ONLY 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 HOUR AND DATE 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 this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED 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 THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Clause I.81 52.243-2 Changes - Cost Reimbursement (AUG 1987) & Alt I (APR 1984)

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.)

Tax ID Number: 05-0607601

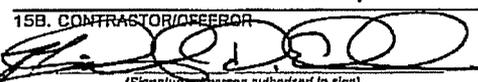
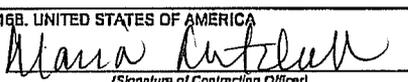
DUNS Number: 166527569

This modification provides a target cost and target fee increase for the directed change (correspondence AS-CMD-ICP/CWI-11-071 M. Mitchell to M. Ebben, dated June 14, 2011) to Section C.2.8.2 High Level Waste (HLW) Calcine and (email M. Mitchell to M. Lewis, dated July 22, 2011) the directed change to incorporate C.3.6 RCRA Permit Modification for AMWTP Organic Sludge Waste Drum Repackaging.

Delivery Location Code: 00701

Idaho Operations
U.S. Department of Energy
Idaho Operations
Continued ...

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) Michael D. Ebben, Sr. V.P. and CFO		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Maria M. Mitchell	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 09/22/11	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 09/22/2011

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC07-05ID14516/190

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NAME OF OFFEROR OR CONTRACTOR
CH2M WG IDAHO LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00001	<p>1955 Fremont Avenue Idaho Falls ID 83415 US</p> <p>FOB: Destination Period of Performance: 03/23/2005 to 09/30/2012</p> <p>Change Item 00001 to read as follows (amount shown is the total amount):</p> <p>IDAHO CLEANUP PROJECT AT THE INL Line item value is: \$3,138,748,552.00 Incrementally Funded Amount: \$2,565,668,629.94</p> <p>The total contract value is revised to \$3,138,748,552. This includes \$2,588,316,847, in Target Cost, \$190,431,705 in Target Fee, and \$360,000,000 in Defined Benefit Pension Plan Funding.</p> <p>For detailed information, refer to the attached Continuation Pages incorporated as part of this modification.</p>				3,138,748,552.00

This modification provides a target cost and target fee increase for the directed change (correspondence AS-CMD-ICP/CWI-11-071 M. Mitchell to M. Ebben, dated June 14, 2011) to Section C.2.8.2 High Level Waste (HLW) Calcine and (email M. Mitchell to M. Lewis, dated July 22, 2011) the directed change to incorporate C.3.6 RCRA Permit Modification for AMWTP Organic Sludge Waste Drum Repackaging.

1. **Section B.3 Total Contract Target Cost, Fee, and Completion Date**, paragraph (a) is modified as follows:

(a) The target cost of this contract is comprised of the following two (2) items:

- a. SBW project at \$316,000,000, and
- b. Balance of the Idaho Clean-up Project (ICP) work is increased \$9,755,796 from \$2,262,561,051 to \$2,272,316,847

The target fee for this contract is increased \$718,026 from \$189,713,679 to \$190,431,705 (7.36% of target cost).

The total contract target cost and target fee are based on the contract completion date of September 30, 2012. (The total proposed contract Target Cost and Target Fee shall not exceed the funding limits specified in Section B.2 – Cleanup Funding, on either an annual or total basis.)

2. **Section C.2.8.2 High Level Waste (HLW) Calcine** is revised in its entirety as follows:

The contractor shall maintain approximately 4,400 cubic meters of previously calcined HLW located in six stainless steel Calcine Solids Storage Facility (CSSF) bin sets in a safe storage configuration. A bin set is a large concrete shielded structure that contains multiple stainless steel tanks that hold the calcined solids. The bin sets contain instrumentation, ventilation and access ports to the stainless steel tanks.

A RCRA Part B storage permit application will be submitted to the state of Idaho during fiscal year 2004 for safe storage of existing calcine in the bin sets. The contractor shall resolve and respond to Notice of Deficiency comments by the Idaho Department of Environmental Quality concerning the CSSF RCRA permit application and obtain approval of the permit.

The contractor shall manage calcine disposition in compliance with existing regulatory and legal requirements. The further development of products and deliverables required by DOE Order 413.3B, Program and Project Management for the Acquisition of Capital Assets, and the safety documentation prescribed by DOE-STD-1180-2008, Program and Project Management for the Acquisition of Capital Assets, however, will not be continued. The long-term objective is transfer of calcine to compliant, interim storage in a waste-form suitable for eventual transport to and disposal in a geologic repository per repository acceptance criteria. For project planning purposes, the project will be

considered complete when calcine has been packaged in its final compliant waste-form; and shipped from Idaho and/or placed in compliant, interim storage.

The contractor shall perform within this contract all necessary activities, such as developing characterization methods, evaluating alternative treatment and containerization technologies, and developing associated deliverables to accomplish the following.

- Provide NEPA support for issuance of an Amended ROD by December 31, 2009. The ROD will communicate DOE's decision to deploy the Hot Isostatic Pressing (HIP) technology to cost-effectively treat the calcine waste
- Perform the following actions by September 27, 2012, to support DOE's submission of Permit Modification Requests to the INTEC Liquid Waste Management System and Calcine Solids Storage Facility RCRA Part B Permits by DOE.
 - o Prepare Permit Modification Request design documents for the retrieval and HIP treatment processes.
 - o Perform initial proof of principle testing for the waste-form and HIP treatment process.
 - o Revise and maintain the Calcine Inventory Database and related documentation.
 - o Develop the material balance for the HIP treatment process.
 - o Provide two permit modification requests, with the required engineering documentation certified at a conceptual level of design.

Table C.4 below summarizes the calcine volumes and radioactivity contained in each bin set.

3. Section C.3.6 RCRA Permit Modification for AMWTP Organic Sludge Waste Drum Repackaging is incorporated as follows:

Prepare a Class I RCRA permit modification to Vol. 18 for the CWI RCRA permit to allow processing and storage of RCRA regulated Rocky Flats PCB contaminated Organic Sludge drums from the Advanced Mixed Waste Treatment Plant within the ARP V exhumation facility.

CONTRACTOR'S STATEMENT OF RELEASE: In consideration of the modification agreed to herein as a complete equitable adjustment for the directed change related to Section Section C.2.8.2 High Level Waste (HLW) Calcine and incorporation of Section C.3.6 RCRA Permit Modification for AMWTP Organic Sludge Waste Drum Repackaging and in accordance with contract Section I.81 52.243-2 Changes—Cost Reimbursement Alt I, 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 for adjustment. The total price of the equitable adjustment is \$10,473,822 (\$9,755,796 Target Cost increase and \$718,026 Target Fee increase).