**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<th>1. CONTRACT NO.</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (if applicable)</th>
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<td>02/03/2012</td>
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<td>6. ISSUED BY CODE</td>
<td>Idaho Operations</td>
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<td>1955 Fremont Avenue</td>
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<td>Idaho Falls ID 83415</td>
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**NAME AND ADDRESS OF CONTRACTOR (street, city, state and ZIP Code)**

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<tr>
<th>CH2M WG IDAHO LLC</th>
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<tr>
<td>Attn: Michael D. Ebbeh</td>
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<tr>
<td>151 NORTH RIDGE AVENUE</td>
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<td>SUITE 150</td>
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**CODE** 166527569  **FACILITY CODE** 166527569

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**14. DESCRIPTION OF AMENDMENT/MODIFICATION**

This modification provides a target cost and target fee adjustment for the directed change to Sections C.3.4 WAG 7 Waste Exhumation related to the Construction of the Accelerated Retrieval Project (ARP) VIII Waste Exhumation Facility to Excavate - Pits 1 and 2 at the Radioactive Waste Management Complex (RWMC) Subsurface Disposal Area (SDA).

**Period of Performance:** 03/23/2005 to 09/30/2012
This modification provides a target cost and target fee adjustment for the directed change to Sections C.3.4 WAG 7 Waste Exhumation related to the Construction of the Accelerated Retrieval Project (ARP) VIII Waste Exhumation Facility to Excavate – Plts 1 and 2 at the Radioactive Waste Management Complex (RWMC) Subsurface Disposal Area (SDA).

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 Cleanup Project (ICP) work is increased for ARP VIII Base Scope $20,272,042 from $2,272,316,847 to $2,292,588,889.

The target fee for this contract is increased by $1,492,021 for fee associated with ARP VIII Base Scope from $190,431,705 to $191,923,726 (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.)

(b) Fee Limitation -- remains unchanged with this modification.

(c) Schedule Incentive – is modified to incorporate the following:

Work and costs associated with ARP VIII Options I and II are exempt from the calculation of the schedule incentive as provided under this clause.

(d) ARP VIII Retrieval Enclosure Options (C.3.4.2) -

Should CWI be able to save costs, those cost savings may be used to complete the following items by September 30, 2012, and earn the additional fee noted below. This incentive fee will be paid from these cost savings. This fee can only be earned if all of the base scope identified in C.3.4.2 below is completed (defined in C.3.4.2). Target cost optional pricing for construction of ARP VIII retrieval enclosure is as follows:

Option I: Target cost will be increased by $3,249,030 and target fee for Option I will be increased by $239,128 if authorized to proceed with the work by the CO.

Option II: Target cost will be increased by $2,408,246 and the target fee for Option II will be increased by $177,247 if authorized to proceed with the work by the CO.

To exercise an Option, CWI will send an email to the DOE Contracting Officer (CO) substantiating that CWI currently has funds available to perform the Option work. After DOE has verified the work scope has been satisfactorily completed, the CO will provide direction via email back to CWI.
The completion of the ARP VIII construction is critical to the DOE mission at RWMC. If this scope of work can be completed early it will allow exhumation work to progress without a loss of continuity or down time for work crews. This will also allow DOE to achieve its goal of completing all exhumation by 2018. Therefore DOE is offering CWI the following schedule incentives that can be earned for Base Scope, Option 1 and Option II scopes as follows:

**Base Scope:** $700,000 will be paid if the Base Scope of work is completed (as defined in C.3.4.2 below) on or before September 30, 2012.

**Option I Scope:** An additional $100,000 will be paid if the Base Scope and Option I scope (as defined in C.3.4.2 below) are completed on or before September 30, 2012.

**Option II Scope:** In addition to the $800,000 schedule incentives that can be earned for Base and Option I scopes, CWI may earn an additional $200,000 for completion of Option II scope (as defined in C.3.4.2 below) if all other work has been completed by September 30, 2012. Option II must be completed on or before September 30, 2012.

2. **Section C.3.4 WAG 7 Waste Exhumation** is modified to incorporate the following scope:

**Section C.3.4.2 Construction of Accelerated Retrieval Project (ARP) VIII Waste Exhumation Facility to Excavate – Plts 1 and 2 at the Radioactive Waste Management Complex (RWMC) Subsurface Disposal Area (SDA)**

The work scope includes but is not limited to the procurement and construction of a retrieval enclosure facility to include, earthwork, pilings, foundations, steel erection of main building, airlock and passageway, mechanical / electrical equipment installation and other components as necessary to operate the facility safely per design drawings and specifications. The facility will be located at Plts 1 and 2 at the Radioactive Waste Management Complex (RWMC) Subsurface Disposal Area (SDA).

Work scope is divided into three parts, Base scope, Option I scope and Option II scope. The Base scope includes the following:

A. Relocation of a dirt pile where the future passageway and firewater line will be located
B. Modification of an OC/VZ system extraction well to allow the well to continue vapor vacuum extraction operations while the passageway is constructed above the well
C. Removal of soil from the exhumation footprint and foundation locations
D. Installation of pilings driven to bedrock/refusal to support the foundation for the buildings/airlock/passageway
E. Modification of the existing SDA firewater supply system to facilitate future exhumation operations
F. Installation of a concrete foundation for the airlock/facility/passage, and all concrete
passes a 7 day break test
G. Purchase and erection of a two-part tensioned steel exhumation facility with outer/inner liners, that includes associated airlock, ancillary structure and passageway
H. Installation of outer and inner liner fabric secured to the steel frame, to include the installation of dropped ceiling
I. All penetrations of the walls and fabric installed and sealed
J. Purchase and delivery of the Drum Packaging Station units and placed in the air lock

Option I scope includes the following:

I-A. Installation of the mechanical/electrical components to operate the airlock
I-B. Procurement and installation of IONEX ventilation units
I-C. Installation of all doors and windows in ARP VIII and associated airlock and passageway
I-D. Installation of HVAC units
I-E. Paving of surrounding ARP VIII areas to include airlock, ancillary structures and passageway as required for operations

Option II scope includes the following:

II-A. Completion of all remaining work that allows all component testing to be completed satisfactorily and System Operational testing and readiness activities have been initiated.

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 C.3.4 WAG 7 Waste Exhumation and in accordance with contract Section 1.81 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 this definitized change order is $27,837,714.