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|---|---------------------------------|---|--|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |                                 | 1. CONTRACT ID CODE   | PAGE OF PAGES  |
|   |                                 |   | 1   2  |
| 2. AMENDMENT/MODIFICATION NO.<br>123  | 3. EFFECTIVE DATE<br>09/09/2010 | 4. REQUISITION/PURCHASE REQ. NO.<br>10EM003654  | 5. PROJECT NO. (If applicable)                               |
| 6. ISSUED BY<br>Richland Operations Office<br>U.S. Department of Energy<br>Richland Operations Office<br>P.O. Box 550, MSIN A7-80<br>Richland WA 99352  | CODE<br>00601                   | 7. ADMINISTERED BY (If other than Item 6)<br>Richland Operations Office<br>U.S. Department of Energy<br>Richland Operations Office<br>P.O. Box 550, MSIN A7-80<br>Richland WA 99352 | CODE<br>00601  |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br>CH2M HILL PLATEAU REMEDIATION COMPANY<br>Attn: Reese Bang<br>2420 Stevens Center Place<br>Richland wa 99354-1659 |                                 | (x)   | 9A. AMENDMENT OF SOLICITATION NO.                            |
| CODE 805603128 FACILITY CODE  |                                 |   | 9B. DATED (SEE ITEM 11)                                      |
|   |                                 | x   | 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>DE-AC06-08RL14788 |
|   |                                 |   | 10B. DATED (SEE ITEM 13)<br>06/19/2008                       |

**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)

See Schedule

**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.  |
| X         | 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)<br>FAR 52.243-2, Changes - Cost Reimbursement and Contract Section C Clause C.2.5, Remediation  |

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ 0 \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification makes the following changes:

1. In accordance with FAR 52.243-2, Changes - Cost Reimbursement, and Contract Section C Clause C.2.5, Remediation - the Contractor shall inspect all Hanford site above-ground steam lines and other facilities and determine if there are locations where asbestos could be a health or safety threat to workers or the public as detailed in Change Order 85, included as Attachment 1 to this modification.

2. Adds Clause (ix) to Contract Section B, clause B.2.(d)(4) to include Change Order 85 "Contractor shall disposition near-term personnel hazards associated with asbestos" as detailed in Attachment 3.

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)  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Jenise C. Connerly |
| 15B. CONTRACTOR/OFFEROR<br><br>(Signature of person authorized to sign)                  | 15C. DATE SIGNED   |
| 16B. UNITED STATES OF AMERICA<br>Signature on File<br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br>09/10/2010   |

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-AC06-08RL14788/123

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NAME OF OFFEROR OR CONTRACTOR  
CH2M HILL PLATEAU REMEDIATION COMPANY

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)   | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
|                 | <p>Limitations and definitization applicable to items 1 and 2 above regarding Change Order 85 are detailed in Attachment 2.</p> <p>3. Corrects administrative errors to Contract Section B detailed in Attachment 3.</p> <p>4. Corrects Attachment 1 to Modification 121 detailed in Attachment 3 to this modification 123.</p> <p>All other terms and conditions remain the same.<br/>End of modification.<br/>FOB: Destination<br/>Period of Performance: 06/19/2008 to 09/30/2013</p> |                 |             |                   |               |

|  |                                    |
|--|------------------------------------|
| CHANGE ORDER #: 0085   | CONTRACT NUMBER: DE-AC06-09RL14788 |
| <p>DESCRIPTION OF CHANGE:</p> <p><b>SOW Section:</b> C.2.5.4, Remediation – Closure</p> <p><b>WBS:</b> 040.01.26.01.02, Asbestos Abatement Support</p> <p>The contractor shall inspect all Hanford site above ground steam lines, identify where there is asbestos versus fiber glass, and determine if there are degraded conditions to the point of being a health or safety threat. The contractor will determine if there is a location where asbestos could be / would be a threat to workers or the public. Based on the above, the contractor will define the priority of the asbestos abatement effort, identify the work scope, and propose an abatement schedule to DOE. The contractor will define the level of asbestos abatement, i.e. repair/encapsulation, removal, and/or recycling, required per regulations and DOE orders. The contractor will define the above ground steam lines per the established facility, property, and contractor boundary.</p> |                                    |

**The following limitations are applicable to this Change Order:**

Funds to be expended to implement this change order shall not exceed **\$195,000.00** from Recovery Act funds previously allotted to this contract under Project Baseline Summary 40, in accordance with Clause B.3, "Obligation and Availability of Funds," prior to the definitization of this change.

**The following definitization schedule is established for this Change Order:**

| <b><u>Action</u></b>   | <b><u>Date*</u></b> |
|--|---------------------|
| Contractor submits technical, cost and fee proposal            | 60 days             |
| Commence negotiations  | 140 days            |
| Mutual agreement on definitization                             | 150 days            |
| Contractor submits certificate of current cost or pricing data | 160 days            |
| Execute definitization contract modification                   | 170 days            |

*\*Date is specified as the number of calendar days after contractor receipt of this modification.*

The following changes are included with this modification:

- 1) Corrects an administrative error contained in previous Contract modifications in the numbering sequence of subsequent subsections to Contract Section B, Clause B.2 (d) entitled "CLIN 6". The subsections within previous Contract modifications were sequenced with two subsections labeled as number "2." This modification labels and renumbers all Clause B.2 (d) subsections appropriately. Further, change 3 below references the new subsection number 4 as renumbered by this modification 123.
- 2) Corrects an error in modification 121, Change Order 83, by removing the text "WCH" from Attachment 1, paragraph 6, and replacing it with the text "Contractor" as shown below:

**FROM:**

"6. Initiate work to address the corrective actions assigned to WCH in the draft Corrective Action Plan developed in response to the DOE Office of Health, Safety and Security Beryllium Inspection Report."

**TO:**

"6. Initiate work to address the corrective actions assigned to Contractor in the draft Corrective Action Plan developed in response to the DOE Office of Health, Safety and Security Beryllium Inspection Report."

- 3) Adds change order #085 to Section B, Clause B.2 (d) (4) WBS 040, Nuclear Facility D&D - Remainder of Hanford as follows:

"(ix) Disposition near-term personnel hazards associated with asbestos."

**CHANGE ORDER #: 83**

**CONTRACT NUMBER: DE-AC06-08RL14788**

**TITLE OF CHANGE: INTERIM ACTIONS FOR THE HANFORD SITE CHRONIC BERYLLIUM DISEASE PREVENTION PROGRAM**

**DESCRIPTION OF CHANGE:**

Related SOW Section: C.3.2.3

The Contractor shall implement the following interim actions related to the HSS assessment of the Hanford Site Chronic Beryllium Disease Prevention Program:

1. Implement facility-specific posting recommendations contained in HSS beryllium (Be) assessment report, including posting/controlling buildings which are awaiting characterization sampling (provide documentation/verification of completion of posting activities within 14 days of the issuance date of this modification).
2. All supervisors, planners, and PICs who are involved with work activities involving a Beryllium Work Permit shall complete the existing Be worker training course (to be completed within 60 days of the issuance date of this modification).
3. Issue a directive to all planning, industrial hygiene, and supervisory personnel stating that previously published lists of beryllium-contaminated or potentially contaminated buildings are not to be used as a basis for work planning without confirming current classifications and status with the contractor's beryllium program subject matter expert or designee (to be completed within 7 days of the issuance date of this modification).
4. For characterization purposes, collect wipe samples from building/structure surfaces with no visibly accumulated dust in the locations where a bulk sample is collected. The bulk and wipe sample results shall be evaluated against the criteria in Item 5 below (initiate within 7 days of the issuance date of this modification).
5. Investigate building/structure beryllium survey results which meet or exceed 0.1 ug/100 cm<sup>2</sup> for a wipe sample or 1 ppm for a bulk sample per NIOSH 7300 series methodology to identify the extent of potential beryllium contamination. The Independent Beryllium Oversight Team (IBOT) shall be notified within 1 working day of any results meeting or exceeding these levels. The area in which the potential beryllium contamination was detected shall be re-sampled within 3 working days, or an alternate time frame coordinated with the IBOT if required due to complexity of sampling, using the MARSSIM process as described in the attached sampling protocol. The area may be considered beryllium free if the geometric mean of the sample results is less than 1 ppm or 0.1 ug/100 cm<sup>2</sup>, and no sample results meet or exceed 2 ppm or 0.2 ug/100 cm<sup>2</sup>. Items 4 and 5 do not apply to outdoor waste sites, which shall continue to comply with the current requirements of the site-wide CBDPP (initiate within 7 days of the issuance date of this modification).
6. Initiate work to address the corrective actions assigned to Contractor in the draft Corrective Action Plan developed in response to the DOE Office of Health, Safety and Security Beryllium Inspection Report.