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|---------------------------------------|------------------------------------|--|--------------------------------|
| 2. AMENDMENT/MODIFICATION NO.<br>0452 | 3. EFFECTIVE DATE<br>See Block 16C | 4. REQUISITION/PURCHASE REQ. NO.<br>See Schedule | 5. PROJECT NO. (If applicable) |
|---------------------------------------|------------------------------------|--|--------------------------------|

|  |               |  |               |
|--|---------------|--|---------------|
| 6. ISSUED BY<br>Office of River Protection<br>U.S. Department of Energy<br>Office of River Protection<br>P.O. Box 450<br>Richland WA 99352 | CODE<br>00603 | 7. ADMINISTERED BY (If other than Item 6)<br>Office of River Protection<br>U.S. Department of Energy<br>Office of River Protection<br>P.O. Box 450<br>MS: H6-60<br>Richland WA 99352 | CODE<br>00603 |
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| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br>WASHINGTON RIVER PROTECTION SOLUTIONS LLC<br>Attn: BRIAN THOMAS<br>C/O URS ENERGY & CONSTRUCTION, INC.<br>PO BOX 73 / 720 PARK BLVD<br>BOISE ID 837290073 | (x)           | 9A. AMENDMENT OF SOLICITATION NO.                            |
|  |               | 9B. DATED (SEE ITEM 11)                                      |
|  | x             | 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>DE-AC27-08RV14800 |
|  |               | 10B. DATED (SEE ITEM 13)<br>05/29/2008                       |
| CODE 806500521   | FACILITY CODE |  |

**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.

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|---|---------------|-----------------|
| 12. ACCOUNTING AND APPROPRIATION DATA (If required)<br>See Schedule | Net Increase: | \$27,165,790.66 |
|---|---------------|-----------------|

**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)<br>FAR 52.232-22 Limitation of Funds (APR 1984)   |

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to obligate \$27,165,790.66 of incremental funds to the contract and update Contract Section B.3(a), Obligation and Availability of Funds.  
(1) As a result of this funding modification, the total obligated funds on the contract is changed from \$5,148,000,346.48 to \$5,175,166,137.14.  
(2) Attached to this modification is the replacement page for Contract Section B.3(a).  
FOB: Destination  
Period of Performance: 06/20/2008 to 09/30/2018

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

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| 15A. NAME AND TITLE OF SIGNER (Type or print)                           | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Marc T. McCusker           |
| 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>09/27/2017   |

**Continuation of Block 14. Description of Amendment/Modification**

The below table provides the Accounting and Appropriation Data for the Purchase Requisition Numbers associated with the obligation of funds as a result of this modification.

| Item Description                                 | Fund  | Appr. Year | Allottee | Reporting Entity | Object Class | Program | Project | WFO     | Funded Amount    | Procurement Request No. |
|--|-------|------------|----------|------------------|--------------|---------|---------|---------|------------------|-------------------------|
| Rocky Flats Administration                       | 01050 | 2017       | 34       | 421301           | 25299        | 1715222 | 0000000 | 0000000 | \$ 11,000,000.00 | 17EM002628              |
| Mound Administration                             | 01050 | 2017       | 34       | 421301           | 25299        | 1715217 | 0000000 | 0000000 | \$ 2,000,000.00  |                         |
| Funding for IEWO M47RF0005 Workers' Compensation | 00911 | 2017       | 34       | 421301           | 25422        | 1721310 | 0000000 | 0425070 | \$ 350,000.00    | 17EM002850              |
| 2017 Funding Base Operations                     | 01250 | 2017       | 34       | 421301           | 25422        | 1110909 | 0001481 | 0000000 | \$ 11,938,620.03 | 17EM002825              |
| BPA Rebate                                       | 00911 | 2017       | 34       | 421301           | 23320        | 1721310 | 0000000 | 0425454 | \$ 41,438.63     |                         |
| PBS 70 WTP Commissioning                         | 01250 | 2017       | 34       | 421301           | 25422        | 1111669 | 0004625 | 0000000 | \$ 1,776,600.00  |                         |
| 2016 Funding to Base Operations                  | 01250 | 2016       | 34       | 421301           | 25422        | 1110909 | 0001481 | 0000000 | \$ 59,132.00     |                         |

All other terms and conditions remain unchanged.

**ATTACHMENT**  
**Replacement Pages**

**Total: Two (2) pages including this cover page**

- Contract Section B, *Supplies or Services and Prices/Costs*, page B-3

- b. Sub-CLIN 4.2: Extended Demonstration Bulk Vitrification System Operations;
  - c. Sub-CLIN 4.3: Supplemental Treatment Design
  - d. Sub-CLIN 4.4: Supplemental Treatment Construction and Operations
  - e. Sub-CLIN 4.5: Transuranic Tank Waste Treatment and Packaging.
- (5) *CLIN 5 – Early Feed and Operation of the WTP Low Activity Waste (LAW) Facility:*
- a. Sub-CLIN 5.1: Tank Selection, Retrieval, Pretreatment and Feed Delivery Design;
  - b. Sub-CLIN 5.2: Retrieval, Pretreatment and Feed Delivery Construction and Operations;
  - c. Sub-CLIN 5.3: (moved to Sub-CLIN 3.4)
  - d. Sub-CLIN 5.4: LAW/BOF/LAB Operations.
- (6) *CLIN 6 – Pension and Welfare Plans:*
- a. Sub-CLIN 6.1: Hanford Employee Retirement and Benefit Plan Management; and
  - b. Sub-CLIN 6.2: Legacy Pension and Benefit Plan Management.
- (7) *CLIN 7 – American Recovery and Reinvestment Act (ARRA) Workscope:*
- a. Sub-CLIN 7.1: ARRA workscope under Sub-CLIN 1.2 – Safe, Compliant Operations;
  - b. Sub-CLIN 7.2: ARRA workscope under Sub-CLIN 1.3 – Analytical Laboratory Support;
  - c. Sub-CLIN 7.3: ARRA workscope under Sub-CLIN 3.1 – Treatment Planning, Waste Feed Delivery, and WTP Transition; and
  - d. Sub-CLIN 7.4: ARRA workscope under Sub-CLIN 3.3 – Immobilized High-Level Waste (IHLW) Storage and Shipping Facility Construction
  - e. Sub-CLIN 7.5: ARRA workscope under Sub-CLIN 3.4 - Upgrade and Operate the Effluent Treatment Facility (ETF).
  - f. Sub-CLIN 7.6: ARRA workscope under Sub-CLIN 2.1 Single Shell Tank (SST) Retrieval and Closure

### **B.3 OBLIGATION AND AVAILABILITY OF FUNDS**

- (a) Obligation of Funds. Pursuant to the Section I Clause entitled, FAR 52.232-22 Limitation of Funds, total funds in the amount of \$5,175,166,137.14 have been allotted for obligation and are available for payment of services provided from the effective date of the Notice to Proceed through September 30, 2018.

Of the total identified above, \$323,855,000.00 in Recovery Act funds have been allotted for obligation and are available for payment of services provided from the effective date of this modification through September 30, 2011. (Subject to Section I clause 52.216-24 Limitation of Government Liability) and \$4,851,311,137.14 in non-Recovery Act funds