

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 0222	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Office of River Protection U.S. Department of Energy Office of River Protection P.O. Box 450 Richland WA 99352	CODE 00603	7. ADMINISTERED BY (If other than Item 6) Office of River Protection U.S. Department of Energy Office of River Protection P.O. Box 450 MS: H6-60 Richland WA 99352	CODE 00603
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) WASHINGTON RIVER PROTECTION SOLUTIONS LLC Attn: KAREN VACCA C/O URS ENERGY & CONSTRUCTION, INC. PO BOX 73 / 720 PARK BLVD BOISE ID 837290073		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 806500521	FACILITY CODE	X 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC27-08RV14800	10B. DATED (SEE ITEM 13) 05/29/2008

**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 X	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. FAR 52.243-2 Changes - Cost Reimbursement (August 1987)
	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:
	D. OTHER (Specify type of modification and authority)

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

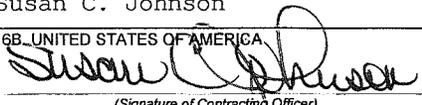
**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to direct WRPS to begin work on the AY-102 Recovery Plan identified in Attachment 1. All work shall be in accordance with the attached statement of work. The Not to Exceed (NTE) value authorized for this scope is \$2M. WRPS shall submit a technical proposal for the scope of work, with a schedule and cost estimate within 60 days of receipt of this Change Order.

In accordance with Clause I-103A, FAR 52.243-6, Change Order Accounting (APRIL 1984), WRPS shall create a separate charge account to segregate costs associated with this Change Order until the change is definitized. The definitization schedule for this Change Order is as follows:

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) Susan C. Johnson
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED 7/31/13

**CONTINUATION SHEET**REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-AC27-08RV14800/0222PAGE OF  
2 2NAME OF OFFEROR OR CONTRACTOR  
WASHINGTON RIVER PROTECTION SOLUTIONS LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>9/30/2013- Receipt of Proposals from WRPS 10/23/2013 - Begin Negotiations 11/05/2013 - Definitize Change Order via Fully Executed contract Modification</p> <p>Payment: OR for ORP U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 4307 Oak Ridge TN 37831</p> <p>Period of Performance: 06/20/2008 to 09/30/2013</p>				

**Attachment 1**

**DE-AC27-08RV14800, MODIFICATION 222**

**Statement of Work**

**AY-102 Recovery/Pumping Execution Plan**

**1 page excluding cover page**

**AY-102 Recovery/Pumping Execution Plan  
Statement of Work  
Change Order  
Contract Modification 222**

Execute the AY-102 Recovery/Pumping Plan to provide the planning, preparation and retrieval of tank waste contained in double-shell tank (DST) 241 -AY- 102 (AY- 102). This Recovery/Pumping Execution Plan addresses the decision logic, strategic approach, schedule and implementation necessary to complete the retrieval of AY- 102 supernatant, sludge and removal of waste from the annulus.

**Background:**

AY-102 is located in the 241-AY Tank Farm (AY Farm) in the 200 East area on the Hanford Site, and is one of two million gallon (Mgal) tanks in the AY Tank Farm. Routine visual inspections of the annulus between the primary and secondary tank walls of AY- 102 in August 2012 identified suspect waste material from the primary containment tank. Further inspections were performed that confirmed a leak in the primary tank. There was consensus among the members of the leak assessment team that the material discovered on the annulus floor of AY- 102 was the result of a leak from a breach in the bottom of the primary tank. The probable leak cause was identified as corrosion at high temperatures in a tank whose waste containment margins had been reduced by construction difficulties. Tank AY- 102 was declared an Assumed Leaker - Primary Tank in October 2012.

**Activities:**

1. Continue enhanced monitoring of AY- 102.
2. Tank Monitoring technology review, the evaluation and deployment of robotic inspection of the AY-102 annulus and leak detection pit
3. Perform a comprehensive review of the DST structural and leak integrity program
4. Complete corrosion monitoring and testing to evaluate the continued integrity of the annulus.
5. Execute the AY-102 Pumping Plan to include the following:
  - Isolation of AY-102-02A pit drain line.
  - AY-102 Sludge Removal Design and Engineering Support
  - Sludge removal procurement
  - Equipment removal
  - Infrastructure Construction Activities
  - Receiver Tank Design & Engineering Support
  - Receiver Tank Procurement
  - Receiver Tank Equipment Removal
  - Receiver Tank Infrastructure Construction Activities
  - Annulus Drying System
  - Annulus testing
  - Prepare Staging Tank