

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 206	3. EFFECTIVE DATE 04/02/2013	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. <u>FAR 52.243-2, Changes-Cost Reimbursement</u>
	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.

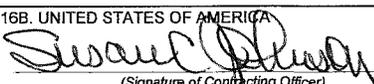
**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this Change Order is to direct WRPS to support DOE-ORP in the development of a Business Case regarding the capability to direct feed the High-Level Waste facility. Specifically, a Business Case for direct feed of high-level waste (DF HLW) that represents Option 1 of the Scoping Plan for DF HLW Business Case, dated March 6, 2013 (Contract Modification 196) shall be prepared. Option 1 details are found in the attached Statement of Work. WRPS is authorized to begin work with a Not to Exceed (NTE) value of \$400,000.

WRPS shall submit a proposal for this work within 45 days of receipt of this Change Order, including the cost of deleted or deferred work originally planned to be completed in FY2013.

In accordance with Clause I-103A, FAR 52.243-6, Change Order Accounting (APRIL, 1984), WRPS  
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)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 04/02/2013

NAME 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>shall create a separate charge account to segregate costs associated with this Change order until the change is definitized. This scope will be in CLIN 3.1. The definitization schedule for this Change Order is as follows:            5/21/2013 - Receipt of Proposal from WRPS            6/6/2013 - Begin Negotiations            6/28/2013 - Definitize Change Order via Fully Executed Contract Modification</p> <p>Period of Performance: 06/20/2008 to 09/30/2013</p>				

**Attachment 1:**  
**Statement of Work**  
**DF HLW Business Case Scope Statement**  
**DE-AC27-08RV14800, MODIFICATION 206**

**DF HLW Business Case Scope Statement**  
**Contract No. DE-AC27-08RV14800**  
**Attachment to Modification 206**

General Scope

WRPS is requested to support DOE-ORP in the development of a Business Case regarding the capability to direct feed the High-Level Waste facility. It is anticipated that Bechtel National Inc. will also support this activity. Specifically, a Business Case for direct feed of high-level waste (DF HLW) that represents Option 1 of the *Scoping Plan for DF HLW Business Case*, dated March 6, 2013 shall be prepared. Option 1 entails development of four preliminary flowsheets and HTWOS model runs A through B-1 as identified in *Scoping Plan for DF HLW Business Case*:

- Case A – Reference Case
- Case A-1 – Reference Case with delay
- Case B – Tank Waste Characterization and Staging Facility (TWCSF)
- Case B1 – TWCSF with direct feed of low-activity waste (DF LAW)

Results from the HTWOS model runs will be used to evaluate competing Tank Farm priorities such as impacts to retrieval activities, increased evaporator campaigns, available DST storage space, and length of mission.

In addition, the following will be included in the Business Case:

- Refinement of waste acceptance criteria for the DF HLW mission
- Facility flowsheet development
- Further development of the description of upgrades to the tank farms and the WTP HLW facility; includes siting for new facilities
- Technology reviews for new functions
- IHLW Transport and Storage strategy
- Environmental permitting and Nuclear Safety & Licensing (NS&L) strategy
- Development of scenario/system configuration risks
- Estimate/Schedule refinement from February 11, 2013 White Paper deliverable
- Development of a life-cycle cost estimates for each HTWOS model case

Deliverable

A DF HLW Business Case providing an alternatives/cost benefit analysis and the above listed items, as well as recommendations, shall be delivered no later than September 15, 2013. As a deliverable separate from the Business Case, BNI will determine the capabilities of the HLW facility to mix/transfer particles that exceed the proposed HLW WAC parameters in order to clarify requirements for potential preconditioning.