

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE		PAGE OF PAGES	
		1	2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
197	See Block 16C		
6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
	00603		00603

Office of River Protection U.S. Department of Energy Office of River Protection P.O. Box 450 Richland WA 99352	Office of River Protection U.S. Department of Energy Office of River Protection P.O. Box 450 MS: H6-60 Richland WA 99352
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	(x) 9A. AMENDMENT OF SOLICITATION NO.
WASHINGTON RIVER PROTECTION SOLUTIONS LLC Attn: KAREN VACCA C/O URS ENERGY & CONSTRUCTION, INC. PO BOX 73 / 720 PARK BLVD BOISE ID 837290073	
	9B. DATED (SEE ITEM 11)
	x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC27-08RV14800
	10B. DATED (SEE ITEM 13)
CODE 806500521 FACILITY CODE	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	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 (AUG 1987)
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:
	D. OTHER (Specify type of modification and authority)

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 direct Washington River Protection Solutions (WRPS) to begin work on Flow Measurement Testing for the Double Shell Tanks. WRPS is authorized to begin work with a Not to Exceed (NTE) value of \$200,000. This Change Order impacts Contract Line Item Number (CLIN) 1.2.1, Base Operations.

WRPS shall submit a cost and technical proposal within 30 days of receipt of this Change Order modification. Attachment 1 to this modification is the Statement of Work to assist WRPS with preparation of a cost and technical proposal.

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
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 E. Bechtol
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	
16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
<i>Susan E. Bechtol</i> (Signature of Contracting Officer)	01-24-2013

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>until the change is definitized. The definitization schedule for this Change Order is as follows:</p> <p>02/22/13-Receipt of proposal from WRPS 03/22/13-Begin Negotiations 04/22/13-Definitize Change Order via Fully Executed Contract Modification Period of Performance: 06/20/2008 to 09/30/2013</p>				

**Attachment 1:
Statement of Work
Flow Measurement Testing for Double Shell Tanks
DE-AC27-08RV14800, MODIFICATION 197**

Statement of Work: Field Test of Real-Time Flow Measurement in Hanford DSTs

Objective:

Temporarily install general service flow measurement instruments into representative DST ventilation systems to demonstrate that real-time flow measurements can be taken on individual tanks in order to later install SS instrumentation to address part of DNFSB Recommendation 2012-2.

Scope Summary:

- Select 2 instrument models (capable of later being obtained as SS) for use in the field test
- Select 4 locations on 2 representative tank vent systems for installation
- Develop temporary design modification documentation and equipment specifications
- Procure/fabricate 4 GS instrumentation equipment packages
- Develop work packages for installation
- Install 4 instrumentation packages in field using Plant forces
- Test and Start-up Instruments
- Operate Flow instruments and gather data for 3 months
- Evaluate flow data and instrument performance and generate Test Report
- Develop recommendation and estimate for installation of permanent, SS, ISA-84 (SIS), real-time flow measurement in the DST tank farms.

Assumptions:

- Use current engineering practices for design documentation for test installation
- Use current work package practices for installation of test instrumentation
- 4 new, GS instruments will be procured with 4-20 output and support hardware
- Remote reading of instrument output will be covered elsewhere
- Instruments chosen will be appropriate for ventilation flow for current waste storage in DSTs and may not be appropriate for mixer pump operations or major waste disturbing activities.
- No ISA-84 documentation is needed for the field test
- Testing, Start-up and Operations Procedures for flow instruments is no cost just added data entry on already covered rounds
- Assumes use of existing penetrations into vent lines
- Assumes use of existing instrument cabinets and power still available