

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 0566	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 893040	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: Keven Mabe Washington River Protection Solutions LLC 2425 Stevens Center Pl Richland WA 99354-1874		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 806500521 FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC27-08RV14800	
		10B. DATED (SEE ITEM 13) 05/29/2008	
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>			
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication 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)

**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 (AUG 1987)
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, 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 issue a Change Order to formalize the Not-to-Exceed (NTE) issued to Washington River Protection Solutions, LLC (WRPS) for the Additional Effluent Test Facility Fiscal Year 2020 scope of work transmitted in ORP email from Marc T. McCusker to Distribution, dated March 27, 2020 and attached to this modification.

In accordance with Clause I-103A, FAR 52.243-6, Change Order Accounting (APRIL 1984), WRPS shall continue to use a separate charge account to segregate costs associated with this change order until the change is definitized.

Continued ...

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.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Wade E. Hader
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA Wade E. Hader <small>Digitally signed by Wade E. Hader Date: 2020.03.31 23:14:08 -0700</small>	16C. DATE SIGNED  (Signature of Contracting Officer)

Previous edition unusable

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-AC27-08RV14800/0566

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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>The estimated definitization schedule is below:</p> <p>04/02/2020 - Request for Proposal Issued (estimated)</p> <p>05/31/2020 - Contractor submit proposal (estimated)</p> <p>06/19/2020 - Technical Evaluation complete (estimated)</p> <p>06/19/2020 - Cost Analysis complete (estimated)</p> <p>07/01/2020 - Pre-Negotiation Plan complete (estimated)</p> <p>07/02/2020 - Commence Negotiations (estimated)</p> <p>07/22/2020 - Definitize contract change via modification (estimated)</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 09/30/2020</p>				

**ATTACHMENT**

**Statement of Work for**

**Additional ETF Scope for FY2020**

**Total: 3 pages including this cover page**

## **STATEMENT OF WORK (SOW) ADDITIONAL ETF SCOPE FOR FY20**

The Contractor, Washington River Protection Solutions LLC, shall operate in accordance with the Tank Operations Contract (No. DE-AC27-08RV14800). The Contractor shall operate in accordance with Statement of Work Section C.2.1.2 Sub-Contract Line Item Number (CLIN) 1.2: Safe, Compliant Operations, and C.2.3.4 Sub-Contract Line Item Number (CLIN) 3.4: Upgrade and Operate the ETF.

The Contractor shall complete ETF and LERF upgrade designs and permitting, and perform facility upgrades to enable the facilities to receive and treat anticipated waste stream volumes and types. For this effort the contractor is required, but not limited to, performing the following tasks.

### **TASK 1: ETF ACETONITRILE TREATMENT SYSTEM**

The FY20 baseline includes the development of a final (i.e., 100%) design of an Acetonitrile Treatment System and a detailed (i.e., 75%) design for the ETF modifications to accommodate the acetonitrile treatment system. Additional scope is to be performed above what was initially baselined for FY20. Specifically, the scope shall assume, but is not limited to, the following:

- Completion of final (i.e., 100%) design for the ETF modifications
- Procurement support related to construction services for system installation(s)
- Procurement support related to long-lead equipment (LLE)
- Initiate vendor fabrication(s) of LLE

### **TASK 2: ETF MODULAR GROUT SYSTEM**

The FY20 baseline did not include any scope for an ETF Modular Grout System. However, scope will now be authorized for performance in FY20. Specifically, the scope shall assume, but is not limited to, the following:

- Development of design media up to, at a minimum, conceptual (i.e., 30%) design
- The design shall be modular in nature and rely on commercially available grout systems
- The design shall allow for the WRPS-developed grout formulation

### **TASK 3: ETF MOTOR CONTROL CENTER UPGRADE**

The FY20 baseline did not include any scope for an ETF MCC upgrade. However, scope will now be authorized for performance in FY20. Specifically, the scope shall assume, but is not limited to, the following:

- Development of design media up to, at a minimum, conceptual (i.e., 30%) design
- The design shall allow for current and planned future electrical needs at ETF
- The design shall allow for a redundant power source to be provided to ETF

### **TASK 5: ETF CARBON DIOXIDE MEMBRANES**

The FY20 baseline did not include any scope for ETF Carbon Dioxide Membrane. However, scope will now be authorized for performance in FY20. Specifically, the scope shall assume, but is not limited to, the following:

- Development of design media up to, at a minimum, conceptual (i.e., 30%) design

## **TASK 6: ETF BRINE STORAGE TANKS**

The FY20 baseline did not include any scope for ETF Brine Storage. However, scope will now be authorized for performance in FY20. Specifically, the scope shall assume, but is not limited to, the following:

- Development of design media up to, at a minimum, conceptual (i.e., 30%) design

## **TASK 7: ETF FREEZE PROTECTION**

The FY20 baseline did not include any scope for an ETF Freeze Protection. However, scope will now be authorized for performance in FY20. Specifically, the scope shall assume, but is not limited to, the following:

- Development of design media up to, at a minimum, conceptual (i.e., 30%) design

## **TASK 8: ETF VESSEL OFF-GAS (VOG) PROCUREMENTS**

The FY20 baseline included completion of design for the ETF VOG demister housing upgrade. However, scope will now be authorized for performance of procurements. Specifically, the scope shall assume, but is not limited to, the following:

- Procurement support
- Initiate procurements

## **TASK 9: ETF REDUNDANT FILTRATION PROCUREMENTS**

The FY20 baseline included completion of design for ETF Redundant Filtration. However, scope will now be authorized for performance of procurements. Specifically, the scope shall assume, but is not limited to, the following:

- Procurement support
- Initiate procurements

## **PERIOD OF PERFORMANCE:**

The period of performance shall extend no later than September 30, 2020 and may be terminated earlier by direction from the Contracting Officer (CO) following the completion of the Tank Operations Contract (TOC) and the transition to the award of the Tank Closure Contract (TCC). The Office of River Protection point of contact for this SOW is Vanessa Turner, Director, Tank Farms Business Operations.