

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 0145	3. EFFECTIVE DATE 01/05/2016	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (if applicable)
6. ISSUED BY Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 00901	7. ADMINISTERED BY (if other than item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) PARSONS GOVERNMENT SERVICES INC. Attn: KATHLEEN KADLUBAK 100 WEST WALNUT STREET PASADENA CA 911240001		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 006908511	FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-02SR22210	10B. DATED (SEE ITEM 11) 09/17/2002

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 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 16, 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.
	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) 52.243-2 Changes - Cost Reimbursement

E. IMPORTANT: Contractor its not. is required to sign this document and return _____ 1 _____ copies to the issuing office.

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

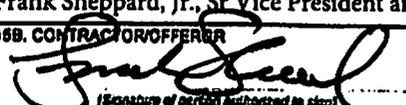
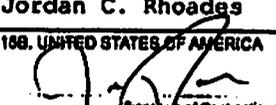
The purpose of this modification is to remove the inclusion of the Alpha Finishing Process as part of the Design Capacity Performance Test from Section C Standard 5 Commissioning and One Year of Operations (F) (1).

In consideration to the removal of this requirement, Parsons removed this work from their baseline in the amount of \$6,956,129.00.

The updated pages C-30 and C-31 are attached and reflect the change.

In consideration of the modification agreed to herein, the Contractor hereby releases the Government of any claims and/or liabilities for the scope/issues addressed within this 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) Frank Sheppard, Jr., Sr Vice President and SWPF Project Manager	15B. CONTRACTOR/OFFEROR 	15C. DATE SIGNED 3/28/16	15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jordan C. Rhoades	15B. UNITED STATES OF AMERICA 	15C. DATE SIGNED 3/28/16
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NAME OF OFFEROR OR CONTRACTOR
PARSONS GOVERNMENT SERVICES INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>modification and for any and all further equitable adjustments attributable to such facts or circumstances that are known or should have been known by the Contractor as of the date of execution of this modification.</p> <p>Payment:</p> <p>OR for Savannah River U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 4908 Oak Ridge TN 37831</p> <p>Period of Performance: 09/17/2002 to 12/31/2016</p>				

- (1) **Testing Strategy:** The Contractor shall provide a strategy to achieve the cold commissioning performance test objectives for commissioning the SWPF. Appropriate temporary analytical facilities may be used to perform elements of these demonstrations. During the tests, the Contractor shall provide documentation that the waste products and secondary wastes are in conformance with the receiving facilities WAC.
- (i) **Process Verification Tests:** The Contractor shall complete SWPF process verification test (to the extent possible during Cold Commissioning using simulant) to demonstrate the waste processing functions (e.g., hydraulic capacity, cold chemical additions, air pulse agitator and filtration cycle performance and non-radioactive Cs shall be utilized in these verification operations. Where needed, and determined beneficial, non-radioactive elements shall be used as a surrogate for radioactive elements. Test results will be evaluated and documented (Table C.5-1.1, Deliverable 5.3B).
- (ii) **Design Capacity Performance Tests:** The SWPF Functional Specification (P-SPC-J-00002) defines the design throughput capacity requirements for SWPF. During the cold commissioning tests, the following minimum testing shall be conducted to demonstrate the treatment capacity of the SWPF. This testing shall be conducted in accordance with the most recent version of V-RPT-J-00047. Revision 1 of V-RPT-J-00047 (dated August 4, 2015) will serve as the guiding document for this testing. Future changes to this document will require mutual agreement between DOE and the Contractor. This testing will be demonstrated as follows: Batches must meet the parameters defined in Table 1, *Cold Commissioning KPP Summary Table of the Key Performance Parameter Verification Plan (V-PMP-J-00009)* and as further defined through final development of the Commissioning Plan. These partial batches establish plant performance to demonstrate capabilities discussed in item (i) above.
- Process 7 consecutive batches at a rate that demonstrates throughput greater than or equal to 7.3 Mgal/year.
 - Batches must be processed through the Alpha Strike Process and CSSX Process.
 - DOE will approve the simulant composition via the Commissioning Plan prior to cold commissioning.
 - The volume credited will be the volume of waste originally received in the Alpha Sorption Tank-A (adjusted to 6.44 M [Na]) associated with the batch of waste transferred out of the Decontaminated Salt Solution Hold Tank.
 - All products and secondary wastes will meet the relevant specification and interface requirements. The results shall be provided to DOE for review and approval. (Table C.5-1.1, Deliverable 5.4).
- (iii) **Off-Standard Operational Testing:** The Contractor shall conduct testing of the process and facility system to test and evaluate effects of off-standard operating conditions. The results shall be provided to DOE for review and comment (Table C.5-1.1, Deliverable 5.5). The operational tests shall be defined by the Contractor based upon anticipated equipment failures (e.g., contractor motor failure). Testing may be conducted on individual unit operations or plant systems. During the tests, the safety of the facility, operational personnel, the public, or the environment shall not be challenged.
- (iv) **Commissioning Results and Documentation:** The Contractor shall provide all results from cold commissioning testing to DOE for review and approval (Table C.5-1.1, Deliverable 5.7). The information shall be in the form of controlled copies maintained and updated by the Contractor. Information shall include, but not be limited to results of testing, test deviations and resolutions to test deviations.
- (v) Test plans and outputs for process verification, product qualification.
- (vi) **Certification of Completion of Cold Commissioning:** The Contractor shall certify to DOE that cold commissioning is complete and that the Contractor met the

requirements contained in this section (Table C.5-1.1, Deliverable 5.8, Milestone M5). This certification may be combined with the cold commissioning results (Table C.5-1.1, Deliverable 5.7).