

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**      1 CONTRACT ID CODE      PAGE OF PAGES

2 AMENDMENT/MODIFICATION NO      3. EFFECTIVE DATE      4 REQUISITION/PURCHASE REQ. NO.      5 PROJECT NO. (If applicable)

097      08/03/2011           1      1

6 ISSUED BY      CODE      00901      7. ADMINISTERED BY (If other than Item 6)      CODE      00901

Savannah River Operations  
U.S. Department of Energy  
Savannah River Operations  
P.O. Box A  
Aiken SC 29802

Savannah River Operations  
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Savannah River Operations  
P.O. Box A  
Aiken SC 29802

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

PARSONS INFRASTRUCTURE & TECHNOLOGY GROUP INC.  
Attn: TODD WAGER  
100 WEST WALNUT STREET  
PASADENA CA 911240001

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.  
DE-AC09-02SR22210

10B. DATED (SEE ITEM 13)  
09/17/2002

CODE      006908511      FACILITY CODE

**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.
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 \_\_\_\_\_ 0 \_\_\_\_\_ copies to the issuing office.

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

Tax ID Number: 95-1415716  
DUNS Number: 006908511  
LIST OF CHANGES:  
Reason for Modification : See Block 14 Page 2  
Period of Performance: 09/17/2002 to 11/15/2013

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)
	Samuel A. Stewart
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	
16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of Contracting Officer)	08/04/2011

The purpose of this modification is to revise section B of DE-AC09-02SR22210, Supplies or Services and Prices/Costs to correct ambiguous/erroneous language that was incorrectly incorporated into Modification 076. This revision is being made under the authority of FAR 43.103(b) (1) Administrative changes.

I. Section B, Supplies or Services and Prices/Costs is modified as follows:

A. Paragraph b. is modified to add the following:

Contract Line Item Number (CLIN)	CLIN Description	Quantity	Dollar Value
<b>Cost Plus Fixed Fee CLINS – Phase 1</b>			
<b>0001</b>	<b>Startup</b>		
0001 AA	Phase 1 & 2 Startup Estimated Costs	1 Lot	\$9,992,594
0001AB	Fixed Fee for Item 0001AA		\$538,835
	Total Estimated Costs and Fixed Fee for Item 0001		\$10,531,429
<b>0002</b>	<b>Reserved - Demobilization</b>		0
<b>0003</b>	<b>Design Work</b>		
0003AA	SWPF Enhanced Concept Design and Transition to Phase II Estimated Costs	1 Lot	\$4,149,997
0003AB	Fixed Fee for Item 0003AA		\$437,478
	Subtotal Estimated Costs and Fixed Fee for SWPF Enhanced Conceptual Design and Transition to Phase II		\$4,587,475
0003 AC	Preliminary Design Estimated Cost	1 Lot	\$18,900,785
0003 AD	Fixed Fee for Item 0003AC		\$1,134,047
	Subtotal Estimated Cost and Fixed Fee for Preliminary Design		\$20,034,832
0003 AE	Value Engineering Estimated Cost	1 Lot	\$35,350
0003AG	Fixed Fee for Item 0003 AE		\$2,468
	Subtotal Estimated Cost and Fixed Fee for Value Engineering		\$37,818
0003AH	Enhanced Preliminary Design – PC3 Estimated Cost	1 Lot	\$30,098,399

<b>Contract Line Item Number (CLIN)</b>	<b>CLIN Description</b>	<b>Quantity</b>	<b>Dollar Value</b>
0003AJ	Fixed Fee for Item 0003AH		\$1,777,861
	Subtotal Estimated Cost and Fixed Fee for Preliminary Design – PC3		\$31,876,260
0003AK	Final Design Estimated Cost	1 Lot	\$14,533,461
0003AL	Fixed Fee for Item 0003AK		\$1,453,346
	Subtotal Estimated Cost and Fixed Fee for Final Design		\$15,986,807
0003AM	Enhanced Final Design Estimated Cost	1 Lot	\$109,837,375
0003AN	Fixed Fee for Item 0003AM		\$7,140,014
	Subtotal Estimated Cost and Fixed Fee for Enhanced Final Design		\$116,977,389
0003AP	Testing Engineering Development and Demonstration (EDD) Estimated Cost	1 Lot	\$9,147,889
0003AQ	Fixed Fee for Item 0003AP		\$548,873
	Subtotal Estimated Cost and Fixed Fee for Testing		\$9,696,762
	Total Estimated Cost for Item 0003 Design Work		\$186,703,256
0003AR	Non Fee Bearing Cost Item 0003 (Not included in Target Cost)		<\$39,230,860>
	Total Fixed Fee for Item 0003		\$12,494,087
	Total Estimated Cost, Non Fee Bearing Cost and Fixed Fee for Item 0003 Design Work		\$238,428,203
Total CLINs (0001, 0002, and 0003) Estimated Cost			\$196,695,850
Total CLINs (0001, 0002, and 0003) Non Fee Bearing Cost			\$39,230,860
Total CLINs (0001, 0002, and 0003) Fixed Fee			\$13,032,922
Total CLINs (0001, 0002, and 0003) Estimated Cost, Non Fee Bearing Cost, and Fixed Fee			\$248,959,632
<b>Cost Plus Incentive Fee CLINs – Phase 2</b>			
0004	Reliability and Maintainability Evaluation (R&ME) Testing Target Cost	1 Lot	\$6,362,013

Contract Line Item Number (CLIN)	CLIN Description	Quantity	Dollar Value
0005 AA	Construction Target Cost	1 Lot	\$611,499,744
0005 AB	Construction Non Fee Bearing Cost (Not included in Target Costs)	1 Lot	<\$108,000,000>
0006	Commissioning Target Cost	1 Lot	\$99,619,285
0007	One Year of Operations – Target Cost	1 Lot	\$37,737,664
0008	Six Months Support – Target Cost	1 Lot	\$3,826,250
Total CLINS (0004, 0005, 0006, 0007, and 0008) Phase 2 Target Cost (Fee Bearing)			\$759,044,956
Total Fee Bearing Cost for Phase 1 and Phase 2 Target Cost			\$955,740,806
Target Cost Incentive Fee at 7% of 20% Phase 2 (Incentive Fee Arrangement excludes all Non Fee Bearing Cost) 80% Government Share – 20% Contractor Share			\$10,626,629
Target Schedule Incentive Fee M-1 Thru M-5 K-1, K-2A and K-3 Performance Fee			\$63,759,777
Total Estimated Cost (Total Target Cost, Target Fee, Fixed Fee and Non Fee Bearing Cost for Phases 1 and 2)			\$1,190,390,994
Minimum Cost Incentive Fee at 0% of Phase 2 Target Costs			\$0
Fee Reduction for each calendar day of delay beyond September 30, 2015 for "Start of Hot Commissioning" until "Start of Hot Commissioning" begins.			\$100,000/Day

The total maximum available fee for Cost, Schedule and Performance incentives is: \$ 91,085,395 (excludes performance Incentive K-2B\*)

80% of the total maximum fee is allocated to Schedule Incentives:

(Excludes performance Incentive K-2B\*) \$72,868,316

20% of the total maximum fee is allocated to Cost Incentives: \$18,217,079

**The Total Available Fee for Phase II (Cost/Schedule/Performance) is:**

**\$ 91,085,395 (excludes performance Incentive K-2B\*)**

Max Fee is established at (12% of \$759,044,956 multiplied by 20%): \$18,217,079

Target Fee is established at (7% of \$759,044,956 multiplied by 20%): \$10,626,629

Minimum Fee is established at (0% of \$759,044,956): \$0

(See Attachment 1 Cost Fee Curve) Phase II Fee curve Target cost is \$867,044,956.

For the purpose of this fee plan, maximum fee is calculated based upon total Fee Bearing Costs of \$759,044,956.

\* The total maximum available fee for Cost, Schedule and performance Incentives were calculated excluding Performance Incentive K-2B. The Cost and Schedule and performance Incentives are based on meeting contract requirements while Performance Incentive K-2B is an incentive to the contractor for exceeding contract requirements.

Schedule Milestone: 80% of the total Maximum fee is allocated to Schedule Incentives and Performance Incentives (excludes Performance Incentive K-2B). The total maximum fee was calculated at 12%. The percentage of the maximum fee for each Milestone and Performance Incentive is shown below under "Milestone Title" and "Key Performance Incentives" column. The target fee for each Milestone Incentive was determined by taking 9/12 of the Maximum fee for each milestone. The calculation of milestone fees from the Maximum amount will be calculated on a calendar day basis (See attachment 2).

Performance Incentives: The Performance Incentives (K-1, K-2A, K-2B and K-3) must be met completely to earn fee. There is no target fee or sliding scale for these incentives.

Milestone Title	Max. (Total Fee 80% of 12% of costs)		Target (Total Fee 80% of 9% of costs)		Min 0%
M1- Large ASME Vessels Installed in CPA (3% Fee Available)	1/31/2011	\$2,186,049	4/30/2011	\$1,639,537	8/31/2011
M-2 Contactors installed in CPA (6% Fee Available)	1/31/2011	\$4,372,099	4/30/2011	\$3,279,074	10/31/2011
M-3 Roof at Elevation 176' Complete (6% Fee Available)	10/31/2012	\$4,372,099	1/31/2013	\$3,279,074	8/31/2013
M-4 Construction Complete (15% Fee Available)	9/30/2013	\$10,930,247	1/31/2014	\$8,197,854	11/30/2014
M-5 Ready for CD-4 (Completion of ORR) (20% Fee Available)	7/31/2014	\$14,573,663	12/31/2014	\$10,930,247	9/30/2015
<b>Key Performance Incentives</b>					
K-1 Cold Commissioning					

Incentive 21% of fee at 7.85M Gal/Yr. Cold Commissioning	\$15,302,346
K-2A Hot Operations Incentive 25% of fee at 4.025M Gal/Yr. Hot Operations 1 <sup>st</sup> Year	\$18,217,079
K-2B Hot Operations Incentive \$4M/100k gallons above 4.025 M gal up to \$24M max.	<\$24,000,000>
K-3 Key Personnel Incentive 4%	\$2,914,733

B. Paragraph e. is modified to add the following:

e. All future DOE directed changes to the Statement of Work (SOW), relative to costs that are determined to be fee bearing, will result in a change to the Total Estimated Cost (\$1,190,390,994 established at the time of modification 076) in accordance with the FAR 52.243-2 Changes - Cost Reimbursement (Aug 1987) Alternate III (April 1984). The existing Cost Curve will not change. For the first change, a new CLIN (CLIN 0009) and new cost curve (80%(Government)/20%(Contractor) fee adjustment formula) will be established with a 7% maximum fee, 7% Target fee and 0% minimum fee. The Target Cost and increase to the Total Estimated Cost (\$1,190,390,994 established at the time of modification 076) will be the same and equal to the negotiated cost of the change. For subsequent changes, the Total Estimated Cost (\$1,190,390,994 established at the time of modification 076) will increase, the new CLIN (CLIN 0009), and Target Cost and Minimum Cost of the new cost curve will increase by the amount of each subsequent change. Progress will be tracked and reported against the new CLIN (CLIN 0009) for fee evaluation purposes. Therefore, there will be two separate cost curves: the cost curve for CLINs 0004 - 0008 and the cost curve for the newly established CLIN 0009 which represents future DOE directed changes. (See Attachment 6)