

2. AMENDMENT/MODIFICATION NO. A014	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQUEST NO. N/A	5. PROJECT NO. (IF APPLICABLE)
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6. ISSUED BY U. S. Department of Energy Savannah River Operations Office Office of Contracts Management P.O. Box A Aiken, SC 29802	7. ADMINISTERED BY (IF OTHER THAN ITEM 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, state, ZIP Code) Parsons Infrastructure & Technology Group, Inc. 139 Darlington Drive Aiken, SC 29803	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-02SR22210
	10B. DATED (SEE ITEM 13) 09/17/02

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)
N/A

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14

	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 the paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF: Paragraph H.36 of the contract entitled "Downselection and Demobilization"
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not is required to sign and return 3 copies to the issuing office.

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

Pursuant to Paragraph H.36 of the contract entitled "Downselection and Demobilization", Parsons Infrastructure and Technology Group shall proceed with Phase II, which includes preliminary and final design, construction, and commissioning (one year of operations).

(Continued on Page 2 hereof)

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) Charles H. Terhune, III Senior Vice President and Project Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Charlene Smith, Contracting Officer
15b. CONTRACTOR/OFFEROR 	16B. UNITED STATES OF AMERICA 
15c. DATE SIGNED 1-30-04	16c. DATE SIGNED 1/30/04

Description of Amendment/Modification (Continued)

a. Section B, Supplies or Services and Prices/Costs, Line Item 0002 – Phase II, reads as follows:

0002A Cost for Preliminary Design, Final Design, Construction, and Commissioning		<u>\$306,928,215</u>
0002B Cost for Value Engineering Program described in Section C		<u>\$47,793</u>
Target Cost		<u>\$306,976,008</u>
Target Fee (7% of Target Cost)		<u>\$21,469,227</u>
Fee Type		<u>Cost Plus Incentive Fee</u>
Cost Performance Share Ratio Over Target Cost 80/20 (Government/Contractor Share)		
Cost Performance Share Ratio Under Target Cost 80/20 (Government/Contractor Share)		
Maximum Fee		<u>\$36,804,389</u>
Maximum Fee as % of Target Cost	<u>12%</u>	
Minimum Fee		<u>\$0</u>
Minimum Fee as % of Target Cost	<u>0%</u>	
Schedule Fee for Start of Hot Commissioning 90 days prior to 11/7/2008		<u>\$1,533,516</u>
Schedule Fee for Start of Hot Commissioning 180 days prior to 11/7/2008		<u>\$3,067,032</u>
No Schedule Fee is earned for achievement after these dates		
Schedule Fee Reduction		<u>\$25,230/day</u>
Fee will be reduced for each day of delay beyond the scheduled date of "Start of Hot Commissioning"(11/7/2008)		
Total (Target Cost + Target Fee)		<u>\$328,445,235</u>

b. Section B.1, Final Fee Adjustment, is revised as set forth below:

Final Fee Adjustment: Upon completion of commissioning under Line Item 0002, an assessment of actual vs. required facility production rates will be accomplished. The Contracting Officer may reduce the fees earned under Line Items 0001 and 0002 by up to 75% after assessing the differential in actual vs. required production rates, if any, and consideration of the extent any such differences were within the control of the contractor during contract performance. A combination of production and schedule fee reductions shall not decrease the contractor's fee to less than \$0.

c. Section C, paragraph C.5, Table C.5-1.1, Deliverables, is revised as set forth below:

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Contract Due Date	Contract Phase
1.1	Plan for Transition	Standard 1	A	D	Contract Award plus 30 days	I
1.2	Preliminary Project Execution Plan	Standard 1	A	D	Contract Award plus 30 days	I
1.3	Project Control System Description	Standard 1	A	D	Phase II Start Date plus 30 days	I & II
1.4	Interface Management Plan	Standard 1	A	D	PD 5/20/04 FD 2/15/05	I & II
1.5	SPP Project Baseline	Standard 1	A	D	9/3/04	II
1.6	SPP Risk Assessment	Standard 1	A	D	Quarterly update	I & II
1.7	Monthly Status Report	Standard 1	I	D	10 th day of each calendar month	I & II
1.8	Occurrence Reporting	Standard 1	A	D	Monthly	I & II
1.9	ES&H Reporting	Standard 1	A	D	Monthly	I & II
1.10	Quarterly Critical Analysis	Standard 1	A	D	Quarterly	I & II
1.11	Sensitivity Analyses	Section C.2, C.5	I	D	Delivered in Phase I	I
2.1	Feed Strategy and Product and Secondary Waste Specification	Standard 2	A	D	Delivered in Phase I	I
2.2	Operational Research Assessment	Standard 2	C	D	PD 7/7/04 FD 7/1/05	I & II
2.3	SPP Tank Utilization Assessment	Standard 2	C	D	Annually	I

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Contract Due Date	Contract Phase
2.4	Material Balance and Process Flowsheet	Standard 2	A	D	Annually	I
3.1	Design Process	Standard 3	C	D	PD 4/14/04 FD 1/7/05	I & II
3.2	Functional Specifications	Standard 3	A	D	PD 4/26/04 FD 1/28/04	I & II
3.3	Basis of Design/Design Criteria Database	Standard 3	A	D	PD 6/6/04 FD 1/28/05	I & II
3.4	Operations Requirements Document	Standard 3	A	D	Delivered in Phase I	I
3.5	Design Products	Standard 3	M	D	Ongoing	I & II
3.5A	Conceptual Design Report, Preliminary Hazard Analysis Report and Critical Decision 1 Package	Standard 3	A	D	Delivered in Phase I	I
3.5B	Preliminary Design (~35%) and Preliminary Safety Analysis Report and Critical Decision 2 Package	Standard 3	A	D	7/19/04	II
3.5C	Final Design, Updated Preliminary Safety Analysis Report, and Critical Decision 3 Package	Standard 3	A	D	5/26/05	II
3.6	Process Flow Diagrams	Standard 3	A	D	Delivered in Phase I	I
3.7	Analytical Laboratory Design Requirements	Standard 3	A	D	Delivered in Phase I	I
3.8	Site Layout Drawings	Standard 3	A	D	Delivered in Phase I	I
3.9	Optimization/Value Engineering Study	Standard 3	A	D	6/8/04	I & II
3.10	Design Overviews	Standard 3	C	D	Quarterly	I & II
4.1	Construction, Procurement, and Acceptance Testing Plan	Standard 4	A	D	PD 6/15/04 FD 1/7/05	II
4.2	Purchasing System	Standard 4	A	D	3/15/05	I & II
4.3	Construction Bid and Work Packages	Standard 4	I	D	2/11/05	II

4.4	Construction and Acceptance Testing Program	Standard 4	A	D	4/1/05	II
4.5	Construction Overviews	Standard 4	M	D	Monthly during construction	II
5.1	Pilot Testing and Commissioning Plan	Standard 5	A	D	1/20/06 Annually thereafter	II
5.2	Commissioning Review	Standard 5	M	D	Bi-Weekly during commissioning	II
5.3	Cold Commissioning Product Verification Report	Standard 5	A	D	6/3/08	II
5.4	Design Capacity Performance Tests	Standard 5	A	D	6/17/08	II
5.5	Off-standard Operational Testing	Standard 5	C	D	7/16/08	II
5.6	Environmental Performance Test	Standard 5	A	D	- 7/16/08	II
5.7	Cold Commissioning Results	Standard 5	A	D	10/23/08	II
5.8	Certification of Completion of Cold Commissioning	Standard 5	A	D	10/23/08	II
5.9	Certification of Readiness for Hot Operations, Final Safety Analysis Report, Pilot Testing and Critical Decision 4 Package	Standard 5	A	D	10/23/08	II
5.10	Certification of Pilot Testing and Hot Commissioning Start	Standard 5	A	D	10/24/08	II
5.11	Pilot Testing and Hot Commissioning Performance Tests	Standard 5	M	D	12/8/08	II
5.12	Pilot Testing and Hot Commissioning Results	Standard 5	M	D	12/8/08	II
5.13	Certification of Completion of Pilot Testing and Hot Commissioning	Standard 5	A	D	12/8/08	II
5.14	Facility Turnover	Standard 5	A	D	12/8/09	II
7.1	SRID Compliance Plan	Standard 7	A	D	Delivered in Phase I; Update in Phase II as required	I
7.2	ISMS Description	Standard 7	C	D	Delivered in Phase I	I
7.3	Environmental Plan	Standard 7	A	D	PD 6/22/04 FD 2/23/05	I & II
7.4	Notice of Construction	Standard 7	A	D	6/8/04	II

7.5	Prevention of Significant Deterioration Permit Application	Standard 7	A	D	3/23/05	II
7.6	Quality Assurance Plan	Standard 7	A	D	PD 6/1/04 FD 12/27/04	I & II
8.0	Safeguards and Security Plan	Standard 8	A	D	PD 6/10/04 FD 2/22/05	I & II
9.1	Interface Control Documents	Section C.9	J	D	PD 6/10/04 FD 2/22/05	I & II

Legend Definitions:

- A Approval — The deliverable shall be provided to DOE for review and approval. DOE will review the deliverable and provide comments in writing. Comments will be discussed through the partnering process and the Contractor is required to provide written responses using Review Comment Records. Documents shall be re-written to incorporate all DOE mandatory comments. Once a deliverable or document has been approved upon by DOE, it shall be placed under change control and no changes to that document shall be made, without DOE approval.
- C Review and Comment — The deliverable shall be provided to DOE for review and comment. DOE will have the option for reviewing the information and providing comment. The Contractor shall respond to all written comments in Review Comment Records form. DOE comments that cannot be resolved in the appropriate partnering team shall be elevated to the Project Management Team for resolution.
- D DOE, Savannah River
- I Information — The deliverable shall be provided for information purposes only. DOE will have the option of reviewing the information and providing comments through the partnering process. Such comments do not require resolution under the Contract.
- J Jointly Developed — The ICDs shall be jointly developed with DOE and the Site M&O Contractor, and provided to DOE for the DOE Contracting Officer's Representative to issue as the operative ICDs.
- M Monitor — The deliverable shall be developed with input from DOE. DOE will be highly involved as the deliverable is developed, and will monitor the progress of the deliverable. DOE comments shall be discussed in the partnering teams as the deliverable develops. If DOE direction is determined to be appropriate, DOE shall provide such direction in writing.

- d. Section C.6, Standard 5(f)(7), is deleted in its entirety and the following is substituted in lieu thereof:

One Year Commissioning Period: Following completion of the Hot Commissioning Throughput Tests, the Contractor shall operate the SWPF for one year. During the year, the contractor shall attain an SWPF throughput of 3.75 million gallons (Mgal) of salt waste feed (75% of design annual throughput). This throughput is based on an assumed 100% availability of the DWPF to accept waste from the SWPF during the first year of operation.

e. Section F.1(b), Milestone dates for specific activities, is revised as follows:

Milestone No.	Activity	Date
M1	Completion of Preliminary Design/Project Baseline	October 6, 2004
M2	Completion of Final Design	July 31, 2005
M3	Completion of Construction	March 17, 2008
M4	Completion of Acceptance Testing	March 17, 2008
M5	Completion of Cold Commissioning	October 23, 2008
M6	Start of Hot Commissioning	November 7, 2008
M7	Completion of Contract Requirements	December 8, 2009

*Milestone dates assume start of Phase II on January 2, 2004 and will be adjusted to reflect the effective date of this modification.

f. Section I, Clause No. 1.25, FAR 52.219-10 Incentive Subcontracting Program (OCT 2000), Fill-in Information is revised to read "(b) 0."

g. Section I, Clause No. 1.29, FAR 52.219-26 Small Disadvantaged Business Participation Program – Incentive Subcontracting (OCT 2000), Fill-in Information is revised to read "(b) 0."

h. Section J, Attachment G, Funding Profile, is revised as follows:

Fiscal Year (FY)	Annual Funding Requirements (\$000)
2003	\$0
2004	\$35,117
2005	\$70,117
2006	\$87,166
2007	\$68,611
2008	\$60,485
2009	\$48,468
2010	\$3,532

i. Parsons' Phase II Small Business Subcontracting Plan is attached hereto.

j. All other terms and conditions of the contract remain unchanged.