

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 8
2 AMENDMENT/MODIFICATION NO. 0373	3. EFFECTIVE DATE See Block 16C	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) SAVANNAH RIVER REMEDIATION LLC Attn: Jeffrey J. Bair Savannah River Site Building 766-H Aiken SC 29808		(x) 9A. AMENDMENT OF SOLICITATION NO	9B. DATED (SEE ITEM 11)
CODE 808376193 FACILITY CODE		X 10A. MODIFICATION OF CONTRACT/ORDER NO DE-AC09-09SR22505	10B. DATED (SEE ITEM 13) 12/08/2008

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)

No change in accounting or appropriation data

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

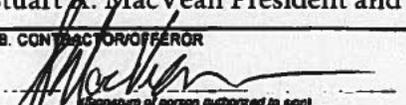
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) 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.
	D. OTHER (Specify type of modification and authority)
X	H. 12 Government Furnished Services and Items

E. IMPORTANT: Contractor is 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.)

- A. The purpose of this modification is to replace the Government Furnished Services and Items (GFS/I) list with a revised GFS/I list.
- B. The attached GFS/I list replaces the old GFS/I list incorporated by Modification 304 under Part III - List of Documents, Exhibits, and Other Attachments, Section J - List of Attachments, Appendix L - Government Furnished Services and Items (GFS/I).
- C. All other terms and conditions remain unchanged.

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) Stuart A. MacVean President and Project Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Charlene Smith	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 10/22/2015	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 10/26/2015

**PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS
SECTION J - LIST OF ATTACHMENTS**

APPENDIX L - GOVERNMENT FURNISHED SERVICES AND ITEMS (GFS&I)

Remaining Fiscal Year 2015 GFS/I and Advance Projection of FY 2016 GFS/I (REVISED 10/13/2015)

Scope	Requirement	GFS/I
<p>1. Government Controlled Data Systems/Infrastructure. The Contractor shall support Department of Energy (DOE) Environmental Management (EM) by performing infrastructure support as described in Section C, Statement of Work (SOW), and the Contract Performance Baseline.</p>	<p>DOE shall ensure Government controlled data systems are available for Contractor access as needed to provide infrastructure activities.</p>	<p>DOE will ensure the following systems are available to the Contractor throughout the period of performance of this Contract:</p> <ol style="list-style-type: none"> 1. Computerized Accident/Incident Reporting System (CAIRS). 2. Integrated Planning Accountability and Budget System (IPABS). 3. Facility Information Management System (FIMS). 4. Non-Compliance Tracking System (NTS) database. 5. Occurrence Reporting and Processing System (ORPS). 6. Foreign Access Central Tracking System (FACTS) database. 7. Federal Telephone System Access. 8. Condition Assessment Information System (CAIS). 9. iBenefits
<p>2. Conduct of Documentation. The Contractor shall submit documentation, reports, etc., to DOE during performance of the activities in the Section C, SOW, as described in the Contract Performance Baseline.</p>	<p>DOE shall provide comments and/or approval of documentation, reports, etc.</p>	<p>DOE will use its best efforts to provide comments and/or approval of documentation, reports, etc., in a timely manner. Typical response times are shown below. If DOE cannot provide comments or approval within the typical response times, DOE will at a minimum provide status. Including but not limited to:</p> <ol style="list-style-type: none"> 1. Project Baseline: 30 business days. 2. Baseline Changes: 30 business days. 3. Regulatory Submittals (with the exception of the Resource Conservation and Recovery Act (RCRA) Part B Permit Application): 30 business days. 4. General Correspondence: 5 business days. 5. Project Plans: 20 business days. 6. Safety Basis Documents: 30 business days, unless otherwise noted. These include: <ol style="list-style-type: none"> a. Documented Safety Analysis (DSA). b. Preliminary DSA. <ol style="list-style-type: none"> i. Safety Design Strategy (SDS), Conceptual Safety Design Report CSDR - 90 days ii. Preliminary Safety Design Report (PSDR) - 60 days c. Technical Safety Requirements. d. Safety Basis Change. e. Annual Update to DSA. f. Unreviewed Safety Question or Justification for Continued Operations g. Authorization Agreements 7. Health and Safety Plan: 30 business days 8. Annual Update to the Risk Management Plan per DOE 413.3B: 30 business days.

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		9. Liquid Waste System Plan: 30 business days. 10. Contract deliverables per Contract DE-AC09-09SR22505 including Part III, Section J, Appendix M, Deliverables, and Contract deliverables included in Section H, Special Contract Requirements, and Contract Section I, Contract Clauses: 30 business days, unless otherwise defined within the Contract. 11. Critical Decision Packages: 30 days.
3. Tank Farms and Effluent Treatment Project (ETP). Contractor shall support DOE EM by implementing execution strategies for Base Operations in order to achieve Contract Part I, Section C, SOW, and Section H.50, Performance Requirements 1.a. and 1.b. as described in the Contract Performance Baseline. The Contractor shall submit working drafts of documentation, reports, etc., to DOE during performance of these Base Operation activities.	DOE shall provide concurrence of technical requirements, strategies, plans, etc., review/ comment and/or approval of documentation, receipt of DOE Headquarters (HQ) and other outside agency comments/ approval, and products and services from other Site entities, etc.	1. Obtain South Carolina Department of Health and Environmental Control (SCHDEC) approval in FY2015 to place into service the sample station relocation for Effluent Treatment Project (ETP). H-Retention Basin (HRB) Tie-in/sample station relocation is needed to ensure compliance relative to Zn, when the revised Savannah River Site (SRS) National Pollutant Discharge Elimination System (NPDES) Permit is issued. 2. Provide Site Maintenance & Operations (M&O) contractor (Service Level Agreements/Functional Service Agreements, SLA/FSA) and Site Steam Generator services necessary to support Tank Farms/ETP operations and maintenance relative to performance expectations, e.g., steam, 299H ventilation, lab services, etc. 3. Support permitting to allow piping modifications to support Modular Caustic Side Solvent Extraction Unit (MCU) operations post-Salt Waste Processing Facility (SWPF) piping tie-ins. 4. Obtain SCDHEC and EPA approval for continued reuse of Tank 11 to support Tank 10 salt dissolution. 5. Obtain updated General Separations Areas (GSA) regional groundwater flow model for utilization in modeling the Saltstone SDU location optimization and future tank closures in F & H Tank Farms. This is a SRNL developed replacement for GSA/PORFLOW™. Needed to (a) mitigate the groundwater uncertainty in the three Liquid Waste Performance Assessments, which are currently based on obsolete and non-maintained baseline modeling input; and (b) minimize delays to scheduled PA revisions per DOE order guidance timing.
4. Defense Waste Processing Facility (DWPF) and Glass Waste Storage (GWS) Facilities Operations. Contractor shall support DOE EM by implementing execution strategies for Base Operations in order to achieve	DOE shall provide concurrence of technical requirements, strategies, plans, etc., review/ comment and/or approval of documentation, receipt of	1. Provide Site M&O (SLA/FSA) and Site Steam Generator services necessary to support DWPF and GWS Building operations and maintenance relative to performance expectations, e.g., steam, lab services, etc.

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<p>Contract Part I, Section C, SOW, C.1.2.1 and C.1.3.2, and Section H.50, Performance Requirements 1.a. and 1.b, as described in the Contract Performance Baseline. The Contractor shall submit working drafts of documentation, reports, etc., to DOE during performance of these Waste Treatment Base Operations activities.</p>	<p>DOE-HQ and other outside agency comments/approval, and products and services from other Site entities, etc.</p>	
<p>5. Waste Removal and Tank Closure. The Contractor shall support DOE EM by implementing execution strategies for waste removal and tank closure in order to achieve Contract Part I, SOW, Section C.1.1, and Section H.50, Performance Requirements 1.a. and 1.b to operationally close non-compliant tanks, as described in the Contract Performance Baseline. The Contractor shall submit working drafts of documentation, reports, etc., to DOE during performance of these waste removal and tank closure activities. Since many of these are large, unique, one-of-a-kind documents, plans, reports, etc. advance/early participation with DOE and/or regulatory agencies is warranted. This includes the ability to "scope" these documents, plans, reports, etc.</p>	<p>DOE shall provide concurrence of technical requirements, strategies, plans, etc., review/ comment and/or approval of documentation, receipt of DOE-HQ and other outside agency comments/approval, and products and services from other Site entities, etc.</p>	<p>DOE will use its best efforts to provide comments, concurrence and/or approval of documentation, reports, etc., in a timely manner. Typical response times are shown below. If DOE cannot provide comments or approval within the typical response times, DOE will at a minimum provide status. Including but not limited to:</p> <ol style="list-style-type: none"> 1. Performance Assessment: 85 business days 2. Waste Determination Basis: 45 business days 3. Waste Determination: 45 business days 4. General Closure Plan: 45 business days 5. Tier 1 Closure Plan: 45 business days 6. Tier 2 Closure Plan: 20 business days 7. Closure Module including Special Analysis: 45 business days
<p>6. Saltstone Processing Facility and Disposal Facility (SPF and SDF). The Contractor shall support DOE EM by implementing execution strategies at the Saltstone Processing and Disposal Facilities (SPF and SDF) to achieve (a) Section H.50, Performance Requirements 1.a. and 1.b to</p>	<p>DOE shall provide concurrence/resolution of technical requirements, strategies, plans, etc., review/ comment and/or approval of documentation, receipt of DOE-HQ and other outside agency</p>	<ol style="list-style-type: none"> 1. Saltstone Disposal Unit (SDU) 6 <ol style="list-style-type: none"> a. DOE Concurrence on SDU 6 Safety Design Strategy by 9/15/2015 b. Adequate, timely funding for FY 2016 by 10/1/2015 to preclude project disruption (no carryover expected from FY 2015) c. DOE DSA/TSR approval via SER Completion needed by 2/23/2016 d. SCDHEC Final Inspection and Issuance of Operating Permit needed by 5/17/2016 e. DOE Validation Assessment during SRR RA complete 5 business days

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<p>operationally close non-compliant tanks, (b) Section C, SOW, C.1.2.4, Saltstone Facility Operations, and (c) Section C, General Contract End State Requirement, for vault construction at the SDF conducted in full support of the sustained disposal of low-level waste at the SDF, as described in the Contract Performance Baseline.</p>	<p>comments/approval, and products and services from other Site entities, etc.</p>	<p>after SRR RA is complete.</p> <ul style="list-style-type: none"> f. DOE review of CD-4 is scheduled for 9/9/2016 - 10/7/2016 with CD-4 approval scheduled for 10/7/2016 2. Saltstone Disposal Unit (SDU) 7 <ul style="list-style-type: none"> a. CD-0 approval in 1QFY16 b. CD-1 approval in 4QFY16 3. Provide Site M&O (SLA/FSA) and Site Steam Generator services necessary to support SPF and SDF operations and maintenance relative to performance expectations, e.g., steam, lab services, etc. 4. SRS Z-Area Saltstone Facility Permit <ul style="list-style-type: none"> a. Continued operation of SPF/SDF to meet contractual and PEMP performance requirements 5. Obtain DOE approval that salt waste treated by the selected Tank Closure Cesium Removal (TCCR) process may be disposed of as low-level waste in the Saltstone Disposal Facility at SRS within 45 business days after DOE receives the Salt Waste Determination equivalency for TCCR (Consistent with GFS/I approval cycle time described in Scope Section 5, Tank Closure and Waste Removal). Need Date: Prior to award of vendor contract. 6. Obtain updated General Separations Areas (GSA) regional groundwater flow model for utilization in modeling the Saltstone SDU location optimization and future tank closures in F & H Tank Farms. This is a SRNL developed replacement for GSA/PORFLOW™. Needed to (a) mitigate the groundwater uncertainty in the three Liquid Waste Performance Assessments, which are currently based on obsolete and non-maintained baseline modeling input; and (b) minimize delays to scheduled PA revisions per DOE order guidance timing.
<p>7. Salt Waste Processing Facility (SWPF). The Contractor shall support DOE EM in accordance with Section C, SOW, C.1.3.4, SWPF Interface and Coordination.</p>	<p>DOE shall provide concurrence of technical requirements, strategies, plans, etc., review/ comment and/or approval of documentation, receipt of DOE-HQ and other outside agency comments/approval, and products and services from other Site entities, etc.</p>	<p>In support of SWPF start of hot commissioning in December 2018:</p> <ul style="list-style-type: none"> 1. Transfer Piping: <ul style="list-style-type: none"> a. East (DSS) Piping by July 2016 for tie-in to SWPF Alpha Finishing Facility (AFF) in 1QFY17 (This will require discussion with SCDHEC due to SWPF construction permit restrictions) b. West Piping by March 2017 to allow tie-in to SWPF to start in 4QFY17 2. Turnover of project documentation beginning in FY16 to support Transfer line tie-ins and continuing through One Year of Operations (OYO). Align SWPF Piping documentation to be turned over in alignment with Transfer Piping dates in Item 1 above.

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<p>8. Permit Use. The Contractor shall perform in accordance with required local, state and federal permits to achieve Section H.50, Performance Requirements, and Section C, SOW, and the General Contract End State Requirements, as described in the Contract Performance Baseline.</p>	<p>DOE shall forward permits as required by the Contractor to perform work scope and as identified in approved project schedules.</p>	<p>Liquid Waste Program Contract (DE-AC09-09SR22505) related SCDHEC Domestic Water, Sanitary Sewer and Industrial Waste Water (IWW) Permit, including but not limited to:</p> <p><u>Domestic Water Permits</u></p> <ol style="list-style-type: none"> 1. M0013 (221-S Safety Shower Nitric Acid Tank) 2. M0053 (221-S Safety Shower Laboratory) 3. 401118 (241-102H) 4. M0075 (No Operations Permit) (241-102H) 5. G0048 (241-122H (H-Construction Craft)) 6. M0084E1 (241-2H) 7. G0046 (512-8S (ARP Restroom)) 8. LS-106-W (512-S) 9. M0025-R2 (512-S) 10. LS-60-W (704-S) 11. 209454 (905-96T) 12. LS-61-W (980-S) 13. 202915 (Construction Area) 14. LS-232-W (DWPF Trailers/Offices) 15. 212745 (DWPF Wells 905-1/905-2) 16. LS-233-W (Effluent Treatment Facility, ETF 704-46H) 17. G0086 (ETF 704-46H) 18. 412917 (ETF Construction / 241-81 H) 19. LS-187-W (ETF F-Lift Station) 20. 411357 (ETF H-Lift Station) 21. LS-91006 (ITP Fire Tank) 22. LS-91005 (ITP Fire Tank) 23. LS-91007 (Replacement High Level Waste Evaporator, RHLWE) 24. 402186 (S- Area) 25. G2047E1 (SWPF) 26. 402925-R1 (Temp Construction Buildings) 27. 400737 (Z-Area Pump/Storage Tank) <p><u>Sanitary Sewer Permits</u></p> <ol style="list-style-type: none"> 1. 14443 (241-102H) 2. 17955-1W (241-102H) 3. 17676-1W (241-2H)

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		<ul style="list-style-type: none"> 4. 10236 (241-58H) 5. Grandfathered (241-F Septic Tank/Tile Field) 6. 13291 (512-S) 7. Grandfathered (704-46H Septic Tank / Tile Field) 8. 17273-1W (704-49S) 9. 10499 (DWPf (200-S)) 10. 10314 (DWPf Construction Site) 11. LS-134-S (DWPf Sewer Line Mod) 12. 19157-1W (Salt Waste Processing Facility) 13. 02-91040041 Office Building (5002-H now 704-56H) 14. 13717 (831-1Z (Septic Tank) and 831-2Z (Tile Field)) <p>Industrial Waste Water Permits</p> <ul style="list-style-type: none"> 1. 17424-1W (F-Area Tank Farm) 2. 14379 (ETF H-16 Diffuser) 3. 16119 (ETF pH Adjustment System) 4. 17424-1W (H-Area Tank Farm) 5. 17980-1W (Maintenance Facility (299-H)) 6. 18833-1W (ETF (241-81H)) 7. 19037-1W (MCU Phase I (241-278H)) 8. 19094-1W (MCU Phase II (511-S and 512-S Jumpers)) 9. 19169-1W (Enhanced ARP (241-96H)) 10. 11411 (DWPf (DWPf) Treated Effluent Line) 11. 11413 (DWPf Chemical Treatment Facility (980-S)) 12. 16783 (DWPf Vitrification Facility (221-S)) 13. 18793-1W (ARP Facility (512-S)) 14. 18944-1W (Waste Tank Mock-up Facility and Retention Basin (678-5T)) 15. 18801-1W (SPF (210-Z)) 16. 19219-1W (Salt Waste Processing Facility) 17. 19379-1W (Saltstone Production Facility Additional Storage Tanks and Enhanced Low Activity Waste Disposal Modifications) 18. 19383-1W (ETP Additional Storage Tank) 19. 19387-1W (H-Area Caustic Storage Tank) 20. 19527-1W (H-Area MCU Transfer Line Tie-in) (Construction not commenced) 21. 19673-1W (H-Basin Discharge Tie-in to ETP Treated Water Line) 22. 19688-1W (H-16 Sample Station Relocation)

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		<p><u>Industrial Solid Waste Landfill Permits</u> 1. 025500-1603 (Class 3, Z-Area Saltstone Disposal Facility, including construction of Vault 6)</p> <p>Other Liquid Waste (LW) Program Contract (DE-AC09-09SR22505) related permits where the permittee and/or delegated authority may be DOE-SR, Site M&O, and/or others, such as Air Permits for Radiological, Toxic and Criteria Pollutants and Resource Conservation and Recovery Act of 1976 (RCRA)/WAC-173-303 permits, and other permits as required for construction and operation of LW facilities.</p>
<p>9. SRS Computing. The Contractor shall execute performance utilizing government-owned SRS computing infrastructure and all related software applications to achieve Section H.50, Performance Requirements, and Section C, SOW and the General Contract End State Requirements, as described in the Contract Performance Baseline.</p>	<p>DOE shall provide use of and support for Government-owned SRS computing infrastructure and all related software applications.</p>	<p>DOE shall provide use of and support for government-owned SRS computing infrastructure and all related software applications, including but not limited to: Site Tracking, Analysis, & Reporting System (STARS), Lotus Notes, InSite, PeopleSoft, Procurement Cycle System (PCS), Field Material Tracking System (FMTS), Asset Management Information System (AMIS), and Passport.</p>