

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 321	3. EFFECTIVE DATE 01/17/2013	4. REQUISITION/PURCHASE REQ. NO. 13EM000792	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) Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	CODE 00901
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 798861048 FACILITY CODE		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470	10B. DATED (SEE ITEM 13) 01/10/2008

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 data

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

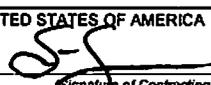
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) 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:
X	D. OTHER (Specify type of modification and authority) Section I, DEAR 970.5211-1 Work Authorization (May 2007)

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.)

- A. The purpose of this modification is to incorporate Contract Work Authorization No. HQTD1000 Rev. 1, attached hereto.
- B. The period of performance is extended to March 27, 2013. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.
- C. The contract estimated value and all other terms and conditions remain unchanged.

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) Scott D. Langston	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 01/17/2013

Attachment 1

Contract Work Authorization(s)

<u>Number</u>	<u>Project Title</u>	<u>No Pages</u>
HQTD1000 Rev. 1	Technical Planning, Integration and Risk Management	6

**U. S. DEPARTMENT OF ENERGY
CONTRACT WORK AUTHORIZATION**

1a. Project Title Technical Planning, Integration and Risk Management	1b. Work Proposal Number HQTD1000
---------------------------------------------------------------------------------	---------------------------------------------

2. Headquarters Program Point of Contact Name: Steven P. Schnelder Organization Code: EM-21 Telephone: 301-903-4307

3. Headquarters Budget Point of Contact Name: Connie Fiohr Organization Code: EM-61 Telephone: 301-903-0393

4. Responsible Program Office of Environmental Management	5. Responsible Secretarial Officer Tracy P. Mustin Phone: 202-586-7709 Routing: EM-1
---------------------------------------------------------------------	------------------------------------------------------------------------------------------------------

6. Responsible Field Organization U.S. Department of Energy, Savannah River Operations

7a. Site and Facility Management Contractor Savannah River Nuclear Solutions, LLC	7b. Contractor Point of Contact Name: John W. Temple Telephone No. (803) 952- 7210
---------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------

8. Work Authorization Number HQTD1000	9. Revision Number 1
-------------------------------------------------	--------------------------------

10. Funds Authorized This is a Net \$0 revision by the Program Office to continue funding Statement of Work.

Budget and Reporting Code: EY4049110	Previous: \$0 B 185,000	Change: \$0	Current: \$185,000
------------------------------------------------	-----------------------------------	-----------------------	------------------------------

11. Performance Period Covered by Funds From: Oct. 1, 2012 To: Sep 30, 2013 Mar 27, 2013	12. Work Start Date From: Oct. 1, 2012	13. Expected Completion Date To: Sep 30, 2013 MAR 27, 2013
-----------------------------------------------------------------------------------------------------------------------	--------------------------------------------------	------------------------------------------------------------------------------------

14. Statement of Work (Includes attachments)
Provide support to EM-21, Office of Tank Waste Management in the development and deployment of technological solutions to EM cleanup problems to include support of the Tank Waste Technical Development and Deployment Program, as well as providing a technical integration function, i.e. providing a rapid response to emergent HQ requests and the issuance of report and technical reviews as needed. (See attached documentation)

Fund	Year	Reporting Entity	Program	B&R	Project	PBS	Amount (\$k)
01250	2013	410003	1110676	EY4049110	0004261	HQ-TD-1003	\$ 185,000.00

15. DOE-SR Program Point of Contact		
Name (printed): Patrick R Jackson	Signature: <i>Patrick R. Jackson</i>	Date: 1/10/13

16. DOE Budget Official		
Name (typed): Harold K. Nielsen	Signature: <i>Harold K. Nielsen</i>	Date: 1/11/13

17. Contractor's Authorized Representative		
Name (typed): John Temple	Signature: <i>John W Temple</i>	Date: 1/14/13

18. DOE Contracting Officer (or delegated representative)		
Name (typed): Scott Langston JEFFREY C. ARMSTRONGS	Signature: <i>Jeff C. Armstrongs</i>	Date: 1/15/2013

SE 1/17/2013

**OFFICE OF TANK WASTE & NUCLEAR MATERIALS (RM-20)
WORK AUTHORIZATION /TASK CHANGE REQUEST (TCR)**

Project Number :	HQ(TD)1000	Date:	12 Sept. 2012	AFP Change Month:	Oct. 2012
Project Title:	Technical Planning, Integration and Risk Management				
Site /Contractor:	SRNL/PNNL	Waste Processing Area: WP-0			

Contract Number if other than National Laboratory or DOE site contractor:

Name of Principal Investigator: Jeff Griffin, Savannah River National Laboratory, (803) 725-1343, jeff.griffin@srl.doe.gov
 Bill Wilmarth, Savannah River National Lab, 803-725-1727, bill.wilmarth@srl.doe.gov
 Reid Peterson, Pacific Northwest National Laboratory, 509-376-5340, reid.peterson@pnl.gov

Name of Budget Analyst at site: Leza Roberson, SRS, (803)952-9196, leza.roberson@srs.gov
 Kathy Harris, PNNL (509) 375-6340, kathy.harris@pnl.gov

New BA (\$K) Requested	Prior Funding (\$K) in this FY	Total Uncosted (\$K) as of Beginning of this FY	Total Available Funding (\$K) including this request (add first three columns)
\$ 260 K distributed as follows: a. \$185 K to SRNL b. \$75 K to PNNL Subject to final appropriations.	\$ 0 K	\$ 0 K	\$260 K

Spend Plan for Total Annual Funding (use actual costed funds for previous quarters)

1 st Quarter of FY	2 nd Qtr of FY	3 rd Quarter of FY	4 th Quarter of FY	Projected uncosted at the end of this FY
\$ 260 K	\$ 0 K	\$ 0 K	\$ 0 K	\$ 0 K

Funding Codes (To be Completed by Budget Office)

Fund	Year	Allottee	Reporting Entity	SGL	Object Class	Program	Project	Amount
<i>See attached</i>								

Short Description of Work Scope Authorized /Changed for input to AFP:

To accomplish its mission, DOE-EM Office of Tank Waste Management (EM-21) relies on support from the various national laboratories such as SRNL and PNNL. These labs assist EM-21 in the development and deployment of technological solutions to EM cleanup problems to include support of the Tank Waste Technical Development and Deployment (TTDD) Program as well as providing a technical integration function, i.e. providing a rapid response to emergent HQ requests and the issuance of reports and technical reviews as needed.

Transfer \$ 260 K as follows: \$ 185 K to SRNL and \$ 75 K to PNNL subject to final appropriations.

Submitted by:	<i>Gary R. Peterson</i>	Date:	<i>12 Sept 12</i>
<i>Headquarters Project Manager (Please Print & Sign)</i>			
Approved by:	<i>[Signature]</i>	Date:	<i>9/12/12</i>
<i>Office Director (Please Print & Sign)</i>			
Approved by:		Date:	
<i>Deputy Assistant Secretary, BM-20</i>			
Submitted to:	<i>Verette D. Pahl</i>	Date:	<i>9/12/12</i>
<i>BM-HQ Budget Analyst for TDD to complete AFP change</i>			

Jeff T. McMillan

9/13/2012

Technical Task Plan – Technical Planning, Integration and Risk Management (WP-0)

EDS STATEMENT:

EM Office of Tank Waste Management manages the EM Tank Waste Technology Development and Deployment (TDD) program that conducts applied research and technology development, demonstration and deployment. This office is chartered to mitigate the radioactive tank waste that is stored at the three major EM sites (Hanford, SRS, and Idaho). The objective of the program is to reduce the technical risk and uncertainty in the Department's tank waste disposition projects. To reduce those risks and uncertainties, the program will provide technical solutions where none exist, improved solutions that enhance safety and program efficiency, or technical alternatives that reduce programmatic risks (cost, schedule, or effectiveness).

BACKGROUND AND PURPOSE:

EM will be assisted in carrying out these activities by the Savannah River National Laboratory (SRNL), which will provide programmatic support to DOE-EM and assist in mitigating technical and programmatic risks.

TECHNICAL APPROACH:

Summary of the Approach

Programmatic tasks in support of the Office of Waste Processing include support of the Tank Waste Technical Development and Deployment (TDD) Program. This support includes coordinating teams of National Lab, DOE staff and staff of selected directed institutions to assist the development of the technical scope to be accomplished in each research area, recommending the performing organizations and recommending appropriate funding levels. Assess progress of the performing organizations and make recommendations to EM-21 for project direction. This also includes assuring that the international program is aligned with the Technical Project Area. Furthermore this supports reporting on project costs and schedules, as well as the annual reports and highlights, technical reviews and other reports as needed, e.g. the Report to Congress.

SCHEDULE / MILESTONES:

Activity	Date
BD	TRD

BIDDING PLAN

Monthly Spending Plan for FY2013 (\$K)

Month	Nov 12	Dec 12	Jan 13	Feb 13	Mar 13	Apr 13	May 13	Jun 13	Jul 13	Aug 13	Sept 13	Carryover	Total
	37	188	0	0	0	0	0	0	0	0	0	0	260

Signature and Approvals

Program Manager:

Greg R. Palmer

Asst. Director:

Mark B. [Signature]

BUDGET:

Account	Budget FY13 (\$K)
Support the EM-21 Tank Waste TDD Program	\$ 260 K