

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE	PAGE OF PAGES
			1 1
2 AMENDMENT/MODIFICATION NO	3 EFFECTIVE DATE	4 REQUISITION/PURCHASE REQ NO	5 PROJECT NO. (If applicable)
310	See Block 16C	13EM000450	
6 ISSUED BY	CODE	7 ADMINISTERED BY (If other than Item 6)	CODE
Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	00901	Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	00901
8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x) 9A AMENDMENT OF SOLICITATION NO	
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421		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)

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) Section I, DEAR 970.5211-1 Work Authorization (May 2007)

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 incorporate Contract Work Authorization (CWA) No. NE CR for Appropriation 89X0319, Project Title: FY 2013 Program Guidance - Fuel Cycle Technologies, attached hereto.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. Funds for CWAs will continue to be allocated by separate modifications in accordance with the DOE-SR FIN PLANS. 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)	
L.C. Clevinger II Manager, Contracts		Marie A. Garvin	
15B CONTRACTOR/OFFEROR	15C DATE SIGNED	16B UNITED STATES OF AMERICA	16C DATE SIGNED
 (Signature of person authorized to sign)	11/29/12	 (Signature of Contracting Officer)	11/29/12

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

1a. Project Title				1b. Work Proposal Number			
FY 2013 Program Guidance - Fuel Cycle Technologies				NE CR for Appropriation 89X0319			
2. Headquarters Program Point of Contact							
Name: Robert Rova		Organization Code: NE-5			Telephone: 301-903-9096		
3. Headquarters Budget Point of Contact							
Name: Daphne M. Lugenbeel		Organization Code: NE-34			Telephone: 301-903-2251		
4. Responsible Program				5. Responsible Secretarial Officer			
Office of Nuclear Energy				John Herczeg			
6. Responsible Field Organization							
U.S. Department of Energy, Savannah River Operations							
7a. Site and Facility Management Contractor				7b. Contractor Point of Contact			
Savannah River Nuclear Solutions, LLC				Name: John W. Temple		Telephone No. (803) 952- 7210	
8. Work Authorization Number				9. Revision Number			
NE CR for Appropriation 89X0319				1			
10. Funds Authorized (See NOTE below)							
NOTE: Funding obligated under most current contract modification and related approved financial plan executed under contract clauses B-4, Obligation of Funds, and I.53, DEAR 970.5232-4 Obligation of Funds (Dec 2000) applies.							
Budget and Reporting Code:		Previous:		Change:		Current:	
See attached		\$0		\$1,755,670		\$1,755,670	
11. Performance Period Covered by Funds				12. Work Start Date		13. Expected Completion Date	
From: Oct. 1, 2012		To: Mar. 27, 2013		From: Oct. 1, 2012		To: Sept. 30, 2013 <i>gws</i>	
14. Statement of Work (Includes attachments)							
(See Attached)							
15. DOE-SR Program Point of Contact							
Name (printed):		Signature:			Date:		
JOHN CHRISTIAN		<i>John Christian</i>			11/14/2012		
16. DOE Budget Official							
Name (typed):		Signature:			Date:		
Harold K. Nielsen		<i>Harold K. Nielsen</i>			11/14/2012		
17. Contractor's Authorized Representative							
Name (typed):		Signature:			Date:		
John Temple		<i>John W Temple</i>			11/14/2012		
18. DOE Contracting Officer (or delegated representative)							
Name (typed):		Signature:			Date:		
Scott Langston		<i>SJ</i>			11/29/12		

memorandum

DATE October 10, 2012
REPLY TO
ATTN OF NE-5
SUBJECT Fiscal Year (FY) 2013 Program Guidance–Fuel Cycle Technologies (FCT)
TO David C. Moody III, Manager
Savannah River Operations Office

This memorandum provides Office of Nuclear Energy (NE) guidance regarding FCT activities to be conducted by the Savannah River Site (SRS) and Savannah River National Laboratory (SRNL) in FY 2013. The funding provided for authorized FCT work scope activities performed by SRS/SRNL is \$3,583,000. This guidance is based on funding provided under the FY 2013 Continuing Resolution (CR) for Appropriation 89X0319 and reflected in the AF58 Budget and Reporting codes for the October/Initial Approved Funding Program (AFP). Under this AFP, approximately 49% is available for obligation while under the CR (6-months) ending March 27, 2013.

The FCT work packages defining the authorized work scope are maintained in the Program Information Collection System NE (PICSNE). PICSNE will be used for all monthly performance reporting to Headquarters Management including, but not limited to the status of: Level 2 milestones, deliverables, cost and schedule, Baseline Change Proposals, and carryover projections. The funding allocation by B&R code is shown in the attached table.

Funds covered by this guidance memorandum are not to be used for Headquarters programmatic support services. In addition, these funds are not to be used to hire support service contractors who are then used by Headquarters Federal personnel to perform specific tasks directed by a Federal employee.

Attached is a Work Authorization System form consistent with this program guidance. Please obtain the appropriate signatures and return a copy of the completed authorization to Daphne Miss-Lugenbeel, NE-34.

I appreciate your cooperation and support to ensure that this program is successfully carried out. The Headquarters point of contact for this work is Bob Rova, who can be contacted at (301)903-9096.



John W. Herczeg
Associate Deputy Assistant Secretary
for Fuel Cycle Technologies
Office of Nuclear Energy

**cc: M. Gonzalez, SR
H. Gunter, SR
William Summers, SRNL
J. Aljayoushi, ID
Brad Couch, INL (TIO)
Sandra Knoll, INL (TIO)
M. Brainard, PRC
M. Venhuizen, ASTC**

Fuel Cycle Technologies
 Fiscal Year (FY) 2013 Program Guidance
 Savannah River Operations Office
 Savannah River Site/Savannah River National Laboratory
 (\$3,583,000)

Funding for FY 2013 is authorized as follows:

Control Account Title	BNR/CAM	SRNL	
Separations Campaign - 1.2.03	AF5805	\$1,503,000	4900 736,470 ✓
.03 - Sigma Teams - Minor Actinides	Bruce Moyer	\$318,000	
.04 - Fundamental S&M / M&S	Leigh Martin	\$140,000	
.05 - Advanced Separations Process Alternatives	Bob Jubin	\$200,000	
.07 - Waste Form Characterization	William Ebert	\$365,000	
.08 - Advanced Waste Form Processing	John Vienna	\$480,000	
Used Fuel Disposition - 1.2.08	AF5865	\$1,225,000	600,250 ✓
.02 - ST Field Demonstration	Ken Sorenson	\$100,000	
.04 - DR Thermal Load Management & Design Concepts	Kevin McMahon	\$65,000	
.05 - ST Storage and Transportation Experiments	Ken Sorenson	\$400,000	
.09 - DR Inventory	Kevin McMahon	\$200,000	
.12 - DR Low Level Radioactive Waste Disposition	Kevin McMahon	\$210,000	
.13 - ST Transportation	Ken Sorenson	\$150,000	
.16 - CX Storage, Transportation and Disposal Interface Analysis	John Wagner	\$100,000	
NFST Planning Project - 1.2.09	AF5865	\$525,000	237,250 ✓
.02 - SX Systems Analysis	John Wagner	\$375,000	
.12 - TR Operational	John Wagner	\$150,000	
Program Assessment & Coordination - 1.2.11	AF583203	\$75,000	30,230 ✓
.02 - Program Support	Brad Couch	\$75,000	
Fuel Cycle Options - 1.2.12	AF583202	\$255,000	124,930 ✓
.02 - Evaluation and Screening	Roald Wigeland	\$75,000	
.03 - Integrated Fuel Cycle Analysis (IFCA)	Temi Taiwo	\$105,000	
.04 - Nuclear Energy Systems Analysis	Temi Taiwo	\$75,000	
Totals		\$3,583,000	\$1,755,670