

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		BPAN NO.	1. CONTRACT IO CODE	PAGE 1	OF 2
2. AMENDMENT/MODIFICATION NO. M002		3. EFFECTIVE DATE See block 16c.	4. REQUISITION/PURCHASE REQ. NO. RES-13-158	5. PROJECT NO. (if applicable)	
6. ISSUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Nancy Lamon-Kritikos Mail Stop: TWB-01-B10M Washington, DC 20555		CODE 3100	7. ADMINISTERED BY (if other than Item 6) U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop: TWB-01-B10M Washington, DC 20555	CODE 3100	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  SOUTHWEST RESEARCH INSTITUTE S W R I  6220 CULBERRA RD  SAN ANTONIO TX 782385166			(X)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-HQ-12-C-04-0069	
			X	10B. DATED (SEE ITEM 13) 07-02-2012	
CODE 007936842		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 ACKNOWLEDGMENT 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) DUNS: 007936842 NAICS: 541990 PSC: 499 FAIMIS: N/A  
B&R: 2013-60-11-6-154 JC: V6301 BOC: 253D APPN: 31X0200  
Obligate: \$0

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

(X) 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) MUTUAL AGREEMENT OF BOTH PARTIES

**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.)

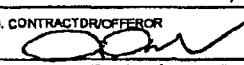

The purpose of this modification is to extend the period of performance through April 30, 2013 at no additional cost to the Government.

See page two (2) for details.

Contract Ceiling: \$324,308.00 (UNCHANGED)  
Contract Funding: \$324,308.00 (UNCHANGED)  
Period of Performance: 07/09/2012 to 04/30/2013 (CHANGED)

All other terms and conditions remain the same.

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) R. B. Kalmbach Executive Director, Contracts		15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie Whipple Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 02/22/2013	15B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	15C. DATE SIGNED 2/26/13

NSN 7540-01-182-8070  
PREVIOUS EDITION NOT USABLE

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA - FAR (48 CFR) 53.243

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

FEB 26 2013

ADM002

The purpose of this modification is to extend the period of performance through April 30, 2013 at no additional cost to the Government.

Contract NRC-HQ-12-C-04-0069 is hereby revised as follows.

1. Section F.6 PERIOD OF PERFORMANCE (AUG 2011) is hereby deleted in its entirety and replaced with the following:

This contract shall commence on **July 9, 2012** and will expire on **April 30, 2013**.

2. Section 5.0 PERIOD OF PERFORMANCE of the Statement of Work is hereby deleted in its entirety and replaced with the following:

The period of performance for this project is from **July 9, 2012** to **April 30, 2013**.

3. Table 1. PROJECT SCHEDULE AND DELIVERABLE DESCRIPTION of Section 10.0 PRODUCT/DELIVERABLES SCHEDULE of the Statement of Work is hereby deleted in its entirety and replaced with the following:

Task	Deliverable Description	Draft Date (months after award)	Final Date (months after award)
1	TLR documenting corrosion model development and benchmarking; CD Table with executables and input decks	3	5
2	TLR documenting the analyses of factors that influence containment liner corrosion, including effect of parameters on corrosion rate containment liner penetration area, and impact of containment liner bulges and concrete voids on containment liner corrosion; CD with executables and input decks	5	7
3	TLR documenting leak rate calculations, including leak rate evaluation as a function of corrosion penetration size and evaluation of the effects of corrosion product plugging; CD with executables and input decks	7.75 (2/28/2013)	9 (4/30/2013)

All other terms and conditions remain the same.