

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT** BPA NO. 1. CONTRACT ID CODE PAGE 1 OF 3

2 AMENDMENT/MODIFICATION NO. MOD305  
 3 EFFECTIVE DATE See Blk 16C  
 4 REQUISITION/PURCHASE REQ NO. N/A  
 5 PROJECT NO (if applicable)

6 ISSUED BY CODE 3100  
 U.S. Nuclear Regulatory Commission  
 Div. of Contracts  
 Attn: Valerie Whipple  
 Mail Stop: TWB-01-B10M  
 Washington, DC 20555  
 7 ADMINISTERED BY (if other than Item 6) CODE 3100  
 U.S. Nuclear Regulatory Commission  
 Div. of Contracts  
 Mail Stop: TWB-01-B10M  
 Washington, DC 20555

8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 SOUTHWEST RESEARCH INSTITUTE  
 6220 CULEBRA RD  
 SAN ANTONIO TX 782385166  
 9A AMENDMENT OF SOLICITATION NO. (X)  
 9B DATED (SEE ITEM 11)  
 10A MODIFICATION OF CONTRACT/ORDER NO. NRC-02-07-006  
 10B DATED (SEE ITEM 13) X 10-15-1987

**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) SEE PAGE 2 FOR ACCOUNTING INFORMATION

**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).  
 X C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.232-22 Limitation of Funds  
 D OTHER (Specify type of modification and authority)

**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.)  
 Please see attached pages.

Duns: 007936842 NAICS: 562211 PSC: R421

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  
 15B CONTRACTOR OFFICER (Signature of person authorized to sign)  
 15C DATE SIGNED 4/29/2011  
 16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie Whipple, Contracting Officer  
 16B UNITED STATES OF AMERICA BY (Signature of Contracting Officer)  
 16C DATE SIGNED 4/29/11

TEMPLATE - ADM001 SUNSI REVIEW COMPLETE MAY 05 2011 ADM002

The purpose of this modification is to update indirect rate section of the contract.

Accordingly, the following changes are made:

- (1) **Section G.1 2052.216-71 Indirect Cost Rates (Jan 1993)**, paragraph A. is revised to update the DCAA approved indirect rates. See change pages 26 and 27, updates highlighted.

All other terms and conditions of this contract, including the ceiling amount for the fourth renewal period of \$123,376,281.00, remain the same.

A summary of new obligations for the fourth renewal period of this contract is given below:

**Job Code D1035 (HLW)**

FY07 obligation amount: \$2,762,990

FY08 obligation amount: \$17,291,992.29

FY09 obligation amount: \$18,405,809.11

FY10 obligation amount: \$9,042,117.00

Cumulative total of NRC obligations for JC D1035 (HLW): \$47,502,908.40

**Job Code J5633 (Newhall Pass)**

FY08 obligation amount: \$117,792

FY09 obligation amount: \$45,000

Cumulative total of NRC obligations for J5633: \$162,792

**Job Code J5608 (MacArthur Maze Fire)**

FY08 obligation amount: \$88,121

Cumulative total of NRC obligations for J5608: \$88,121

**Job Code J5562 (WIR)**

FY08 obligation amount: \$283,000

FY09 obligation amount: \$500,000

FY10 obligation amount: \$469,000

FY11 obligation amount: \$244,500

Cumulative total of NRC obligations for J5562: \$1,496,500

**Job Code J5639 (Comprehensive Assessment of Severe Road and Rail  
Transportation Accidents Involving Long Duration Fires)**

FY09 obligation amount: \$250,000

Cumulative total of NRC obligations for J5639: \$250,000

**Job Code J5606 (SFST TAD)**

FY09 obligation amount: \$190.89

Cumulative total of NRC obligations for J5606: \$190.89

**Job Code J5661 (Key Regulatory and Technical Issues)**

**FY10 obligation amount: \$1,675,000**

**FY 11 obligation amount: \$850,000**

**Cumulative total of NRC obligations for JC J5661: \$2,525,000**

**Job Code J5662 (BETA TPA and User Guide)**

**FY10 obligation amount: \$1,675,000**

**Cumulative total of NRC obligations for JC J5662: \$1,675,000**

**Job Code J5656 (Calvert Cliffs SFST)**

**FY10 obligation amount: \$325,000**

**Cumulative total of NRC obligations for JC J5656: \$325,000**

**Job Code F1191 (ETR)**

**FY10 obligation amount: \$200,786**

**FY11 obligation amount: \$72,373**

**Cumulative total of NRC obligations for JC F1191: \$273,159**

**Job Code J5664 (FCSS Technical Basis for Licensing Reprocessing Facilities)**

**FY10 obligation amount: \$500,000**

**FY11 obligation amount: \$175,000**

**Cumulative total of NRC obligations for JC J5664: \$675,000**

**Job Code J5670 (International Programs)**

**FY10 obligation amount: \$400,000**

**Cumulative total of NRC obligations for JC J5670: \$400,000**

**Job Code J5679 (Waste Confidence)**

**FY11 obligation amount: \$100,000**

**Cumulative total of NRC obligations for JC J5679: \$100,000**

**\*\*NOTE: Work previously under JC5661\*\***

**Job Code J5682 (Regulatory Process Improvements)**

**FY11 obligation amount: \$50,000**

**Cumulative total of NRC obligations for JC J5682: \$50,000**

**This modification does NOT obligate funds.**

CATEGORY	RATE	COST BASE	APPLICABLE PERIOD
Overhead for Center	[REDACTED]	direct labor and fringe benefit costs for Center employees	10/15/87-9/29/89
	[REDACTED]	same as above	9/30/89-9/26/91
	[REDACTED]	same as above	9/27/91-5/8/92
	[REDACTED]	same as above	5/9/92-9/30/94
	[REDACTED]	same as above	10/1/94 - 1/18/02
	[REDACTED]	same as above	1/19/02-6/22/03
	[REDACTED]	same as above	6/23/03 - 5/30/06
	[REDACTED]	same as above	5/31/06 - 2/11/07
	[REDACTED]	same as above	2/12/07 - 1/10/08
	[REDACTED]	same as above	1/11/08 - 6/06/08
Overhead for Institute Employees	[REDACTED]	direct labor and fringe benefit costs for Institute employees	10/15/87-9/24/93
	[REDACTED]	"	9/25/93-until revised
Fringe Benefits	[REDACTED]	direct labor	10/15/87-9/30/88
	[REDACTED]	direct labor	10/1/88-4/13/90
	[REDACTED]	direct labor	4/14/90-3/3/92
	[REDACTED]	direct labor	3/4/92-9/30/92
	[REDACTED]	direct labor	10/1/92-1/31/97
	[REDACTED]	direct labor	2/1/97-2/12/99
	[REDACTED]	direct labor	2/13/99-7/2/99
	[REDACTED]	direct labor	7/3/99-8/25/02
	[REDACTED]	direct labor	8/26/02-5/27/04
	[REDACTED]	direct labor	5/28/04-2/22/07
Material Handling Burden	[REDACTED]	purchased parts and materials, subcontracting costs	9/27/97-9/25/98
	[REDACTED]	same as above	9/26/98-2/14/00
	[REDACTED]	same as above	2/15/00-1/18/02
	[REDACTED]	same as above	1/19/02-3/3/04
	[REDACTED]	same as above	3/4/04 - 1/25/05
	[REDACTED]	same as above	1/26/05 - 5/30/06
	[REDACTED]	same as above	5/31/06 - 2/22/07
[REDACTED]	same as above	2/23/07- 03/02/08	
[REDACTED]	same as above	03/03/08-08/08/10	
[REDACTED]	same as above	08/09/10-until revised	

- B. The CO may adjust the above rates as appropriate during the term of the contract upon acceptance of any revisions proposed by the contractor. It is the contractor's responsibility to notify the CO in accordance with 52.232-20 - Limitation of Costs or 52.232-22 - Limitation of Funds, as applicable, if such change(s) affect(s) performance of work within the established cost or funding limitations.
- C. Rate marked with an asterisk (\*) is a ceiling rate. In the event that the indirect rate developed by the cognizant audit activity on the basis of actual allowable costs is less than the ceiling rate, the rate established by the cognizant audits must apply. The Government may not be obligated to pay any additional amounts for indirect costs above the ceiling rate set forth above for the applicable period. The SwRI provisional overhead rate effective 9/25/93 is [REDACTED]. This rate is subject to change from time to time as approved by DCAA and DCMC. The ceiling rate shall be equal to the provisional rate, but in no event shall exceed [REDACTED]. Please note that [REDACTED] was the ceiling rate for SwRI overhead for the period 10/1/95-9/28/97 and that [REDACTED] is the ceiling rate for the period 9/27/97- until revised. The provisional billing rate is [REDACTED] until revised.
- D. The following states the final audited indirect rates which apply to this contract:

Overhead for Center    Overhead for SwRI    Applicable Period  
 Basic Contract Period (NRC-02-88-005) (10/15/87 - 10/14/92)

[REDACTED]	[REDACTED]	10/15/87 - 9/30/88
[REDACTED]	[REDACTED]	10/1/88 - 9/30/89
[REDACTED]	[REDACTED]	10/1/89 - 9/30/90
[REDACTED]	[REDACTED]	10/1/90 - 9/30/91
[REDACTED]	[REDACTED]	10/1/91 - 9/30/92
[REDACTED]	[REDACTED]	10/1/92 - 10/14/92

First Renewal Period (NRC-02-93-005)

[REDACTED]	[REDACTED]	10/15/92 - 9/24/93
[REDACTED]	[REDACTED]	9/25/93 - 9/30/94
[REDACTED]	[REDACTED]	10/1/94 - 9/29/95
[REDACTED]	[REDACTED]	9/30/95 - 9/27/96
[REDACTED]	[REDACTED]	9/28/96 - 9/26/97

Second Renewal Period (NRC-02-97-009)

Overhead/Center    Overhead/SwRI    Material Burden    Applicable Period

[REDACTED]	[REDACTED]	[REDACTED]	9/27/97 - 9/25/98
[REDACTED]	[REDACTED]	[REDACTED]	9/26/98 - 9/24/99
[REDACTED]	[REDACTED]	[REDACTED]	9/25/99 - 9/29/00
[REDACTED]	[REDACTED]	[REDACTED]	9/30/00 - 9/28/01
[REDACTED]	[REDACTED]	[REDACTED]	9/29/01 - 9/27/02

Third Renewal Period (NRC-02-02-012)

[REDACTED]	[REDACTED]	[REDACTED]	9/28/02 - 9/26/03
[REDACTED]	[REDACTED]	[REDACTED]	9/27/03 - 9/24/04
[REDACTED]	[REDACTED]	[REDACTED]	9/25/04 - 9/30/05

Fourth Renewal Period (NRC-02-07-006)

[REDACTED]	[REDACTED]	[REDACTED]	10/01/05 - 9/29/06
[REDACTED]	[REDACTED]	[REDACTED]	9/30/06 - 9/28/07

\*See ceiling rate set forth above.