

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO.

1. CONTRACT ID CODE

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2. AMENDMENT/MODIFICATION NO. M230	3. EFFECTIVE DATE 7/8/2005	4. REQUISITION/PURCHASE REQ. NO. NMS-02-012 7/8/05	5. PROJECT NO. (# applicable)
6. ISSUED BY U.S. Nuclear Regulatory Commission Div of Contracts Two White Flint North - MS T-7-I-2 Contract Management Branch No. 3 Washington, DC 20555	CODE 3100	7. ADMINISTERED BY (# other than Item 6) U.S. Nuclear Regulatory Commission Div of Contracts Two White Flint North - MS T-7-I-2 Contract Management Branch No. 3 Washington, DC 20555	CODE 3100

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SOUTHWEST RESEARCH INSTITUTE 6220 CULEBRA RD SAN ANTONIO TX 782388510	CODE	FACILITY CODE	<input type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.
			<input type="checkbox"/> 9B. DATED (SEE ITEM 11)
			<input type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-02-02-012 NRC-02-97-009
			<input checked="" type="checkbox"/> 10B. DATED (SEE ITEM 11) 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)
 B&R 2-5015-308270 J5410 BOC: 252A 31X0200 Decb. -52,591.90
 B&R 2-5015-308270 J5434 BOC: 252A 31X0200 Decb. -5181.47

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

<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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: N/A
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 2 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

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as amendments changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) R. B. Kalmbach Director, Contracts	15B. CONTRACTOR/OFFEROR 	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Barbara D. Meehan	16B. UNITED STATES OF AMERICA
	16C. DATE SIGNED 07/12/2005		16C. DATE SIGNED 07-08-2005

The purpose of this modification is to deobligate funds which were obligated under previous contract number NRC-02-97-009. Accordingly, the following change is made:

Section B.2.C.b, and d are revised to show deobligations as follows:

B.2.C.b is revised to delete the second sentence and replace it with the following: "A total of \$19,151.47, which is included in this obligation amount was deobligated under modifications 194, 198 and 230 to this contract." Please see attached change page 5.

B.2.C.d is revised to show deobligations for the following Job Codes: J5410 (-\$2,591.90) and J5434 (-\$181.47). Please see attached change page 6.

All other terms and conditions of this contract, including the ceiling amount for the second renewal period of \$86,213,679.00, remain the same.

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

Job Code D1035 (HLW)

FY03 obligation amount: \$14,426,867.34

FY03 deobligation amount: \$123,000

FY04 obligation amount: \$16,240,538.85

FY04 deobligation amount: \$350,000

FY05 obligation amount: \$17,881,000

Cumulative total of NRC obligations for JC D1035 (HLW) \$48,075,406.19.

Job Code J5226 (PFS)

FY03 obligation amount: \$265,000

FY04 obligation amount: \$100,000

FY04 deobligation amount: \$75,000

Cumulative total of NRC obligations for JC J5226 (PFS) \$290,000.

Job Code J5410 (INEEL ISFSI-2)

FY03 obligation amount: \$352,032

FY04 obligation amount: \$320,000

Cumulative total of NRC obligations for JC J5410 (INEEL) \$672,032

Job Code J5434 (Tunnel Fire)

FY03 obligation amount: \$31,002

Cumulative total of NRC obligations for JC J5434 (Tunnel Fire) \$31,002

Job Code J5390 (Diablo Canyon)

FY03 obligation amount \$400,000

FY04 obligation amount \$85,000

FY04 deobligation amount \$60,000

Cumulative total of NRC obligations for JC J5390 (Diablo Canyon) \$425,000

Job Code J5501 (Humboldt Bay)

FY04 obligation amount \$540,000

FY05 obligation amount \$396,975

Cumulative total of NRC obligations for JC J5501 (Humboldt Bay) \$936,975

This modification deobligates \$2,773.37 in prior year funds.

e. Total amount authorized by Operations/Project Plans was as follows:

High-Level Waste Job Code: D1035 Amount: \$ 44,662,918	Licensing Support System Job Code: L1590 Amount: \$35,900
Research Job Code: B6666 Amount: \$ 15,584,461.47	Waste Solidification Systems Job Code: L1793 Amount: \$642,991.87 Job Code: J5190 Amount: \$39,900
Transportation Job Code: D1070 Amount: \$0	Monitored Retrievable Storage Job Code: L2516 Amount: \$20,459.70
Tank Waste Remediation Job Code: J5164 Amount: \$772,035.00	Safety Review of TMI-2 Job Code: J5186 Amount: \$158,290

Total amount authorized: \$ 61,916,356.04

f. The total award fee available; the award fee earned thus far and the evaluation period applicable thereto were as follows:

<u>Evaluation Period</u>	<u>Available Award Fee</u>	<u>Award Fee Earned</u>
11 9/27/92-4/9/93	\$309,465	259,951
12 4/10/93-9/24/93	347,645	316,673
13 9/25/93-9/30/94	709,894	668,010.43
14 10/1/94-9/29/95	817,617	793,088
15 9/30/95-9/27/96	665,948	645,970
16 9/28/96-9/26/97	556,736	528,899

C. September 27, 1997 - September 27, 2002 (Second Renewal Period, Contract No. NRC-02-97-009)

- a. The total estimated ceiling amount of this Cost-Plus-Award-Fee type contract for the above mentioned period is \$87,611,477.00.
- b. The amount presently obligated by the Government with respect to this contract for this period is \$ 69,123,125.12. A total of \$19,151.47, which is included in this obligation amount, was deobligated under modifications 194,198 and 230 to this contract. In addition, carryover funds in the amount of \$3,299,571.15 (note that \$3,028.61 was deobligated in FY02 from JC J5190) are available for use in this renewal period as indicated below. The award fee pool will be as stated in the AFDP. The plan will reflect the actual award fee pool based on cumulative estimated costs for performance of approved Operations/Project Plans. The applicable base fee percentage is also described in the AFDP.

c. Evaluation of the award fee earned will be accomplished in accordance with the then current AFDP (Attachment 11). Neither the determination as to the amount of fee available during a given period, the amount of award fee earned, nor the determination of the criteria under which the subject award fee will be made, shall be subject to FAR Subpart 52.233-1, entitled, "Disputes".

d. Total funds currently obligated by Job Code (JC) are as follows:

High-Level Waste
Job Code: D1035
New Funds: \$ 63,707,482
Deob.: \$378,756.57
Carryover: \$1,989,455.71
Total: \$65,918,181.14

Waste Solidification Systems
Job Code: L1793
New Funds: \$0

Carryover: \$2,763.35
Total: \$2,763.35

Tank Waste Remediation
Job Code: J5164
New Funds: \$1,375,000
Deobligation: \$66,963.15
Carryover: \$1,246,284.95
Total: \$2,554,321.80

Waste Solidification Systems
Job Code: J5190
New Funds: \$0
Deobligation: \$3,028.61
Carryover: \$35,349.05
Total: \$32,320.44

Spent Fuel (TMI-2 Fuel Debris)
Job Code: J5186
New Funds: \$308,878
Deob.: \$24,776
Carryover: \$28,746.69
Total: \$312,848.69

Spent Fuel (Dry Transfer)
Job Code: J5206
New Funds: \$643,600
Deobligate: \$81,689.37
Carryover: \$0
Total: \$561,910.63

Aluminum-Based Spent Fuels
Job Code: J5210
New Funds: \$125,000
Deob: \$3,844.92
Total: \$121,155.08

Spent Fuel (CIS)
Job Code: D1035
New Funds: \$450,000
Total: \$450,000

Spent Fuel (PFS)*
Job Code: J5226
New Funds: \$2,291,363
Total: \$2,291,363

Spent Fuel (CIS)
Job Code: J5297
New Funds: \$100,331
Deob: \$331
Total: \$100,000

SKB Peer Review
Job Code: J5324
New Funds: \$9,987
Deob.: \$589.20
Total: \$9,397.80

Naval Spent Fuel
Job Code J5327
New Funds: \$161,000
Deob: \$31,082.46
Total: \$129,917.54

Diablo Canyon
Job Code: J5390
New Funds: \$272,138.69
Total: \$272,138.69

INEEL ISFSI-2
Job Code: J5410
New Funds: \$200,000
Deobligation: \$2,591.90
Total: \$197,408.10

Tunnel Fire Environment
 Job Code: J5434
 New Funds: \$50,000
 Deobligation: \$181.47
 Total: \$49,818.53

Total New Funds Obligated for 2nd Renewal Period: \$69,694,779.69
 Funds Deobligated during 2nd Renewal Period: 571,654.57
 (Note that \$3,028.61 was deobligated from carryover funds rather than new funds.)
 Net Obligated: \$69,123,125.12

*PFS is subject to the license fee recovery provisions located elsewhere in this contract.
 The TAC number for this project is L22462.

e. Total amount authorized by Operations/Project Plans is as follows:

High-Level Waste Job Code: D1035 Amount: \$63,173,075	Waste Solidification Systems Job Code: J5190 Amount: \$32,320.44 Job Code: L1793 Amount: \$2,763.35	
Tank Waste Remediation Job Code: J5164 Amount: \$2,548,584	Spent Fuel (TMI-2 Fuel Debris) Job Code: J5186 Amount: \$313,726.69	
Spent Fuel (Dry Transfer) Job Code: J5206 Amount: \$565,600	Spent Fuel (CIS) Job Code: D1035 Amount: \$450,000	Naval Spent Fuel Job Code: J5327 Amount: \$135,000
Aluminum-Based Spent Fuel Job Code: J5210 Amount: \$125,000	Spent Fuel (CIS) Job Code: J5297 Amount: \$100,331	Diablo Canyon Job Code: J5390 Amount: \$272,138.69
SKB Peer Review Job Code: J5324 Amount: \$9,987	Spent Fuel (PFS) Job Code: J5226 Amount: \$2,285,607.14	INEEL ISFSI-2 Job Code: J5410 Amount: \$200,000
Tunnel Fire Environment Job Code: J5434 Amount: \$28,186		
Total amount authorized: \$70,202,521.31		