

## AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO.

1. CONTRACT ID CODE  
5007R074PAGE  
1OF PAGE  
22. AMENDMENT/MODIFICATION NO.  
M2573. EFFECTIVE DATE  
01/25/20084. REQUISITION/PURCHASE REQ. NO.  
NMS-07-006 dtd  
12/05/2007

5. PROJECT NO. (If applicable)

6. ISSUED BY  
U.S. Nuclear Regulatory Commission  
Div. of Contracts  
Attn:  
Mail Stop T-7-I-2  
Washington, DC 20555

CODE

3100

7. ADMINISTERED BY (If other than Item 6)  
U.S. Nuclear Regulatory Commission  
Div. of Contracts  
Mail Stop T-7-I-2  
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 782385166

(X)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.  
NRC-02-07-00610B. DATED (SEE ITEM 13)  
10-15-1987

CODE

FACILITY CODE

X

## 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 75015300149 Job Code: J5633 BOC 252A Approp. N0200  
Obligate: \$50,00013. 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.
- 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:
- D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return \_\_\_\_\_ 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 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)

Barbara D. Meehan  
Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

BY  (Signature of Contracting Officer)

01-25-2008

The purpose of this modification is to add a new NWPA-related project entitled, "Technical Assistance to the Division of Spent Fuel Storage and Transportation for Analysis of Road Tunnel Surfaces Exposed to a Severe Fire Environment" (Newhall Pass) and to provide incremental funding in the amount of \$50,000 in Job Code J5633 for this project. Please note that verbal authorization to commence work on this project was given on December 12, 2007 with a temporary ceiling of \$40,000. Accordingly, the following changes are hereby made:

Section B.2.E.b,d, and e is revised to obligate and authorize funding in the amount of \$50,000 (inclusive of the \$40,000 authorized verbally) in Job Code J5633, as shown on the attached change pages 9, 9a and 9b.

In addition, this modification corrects an error in Modification no. 255 which identified the new funds provided in D1035 as FY07 funding. That new funding, in the amount of \$1,500,000, was FY2008 funding as shown below.

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: \$1,500,000

Cumulative total of NRC obligations for JC D1035 (HLW) \$4,262,990

Job Code J5633 (Newhall Pass)

FY08 obligation amount: \$50,000

Cumulative total of NRC obligations for J5633 - \$50,000

**This modification obligates FY2008 funds in the amount of \$50,000.00.**

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

High-Level Waste (HLW)  
Job Code: D1035  
Amount: \$82,000,000

Private Fuel Storage (PFS)  
Job Code: J5226  
Amount: \$241,828

INEEL ISFSI-2  
Job Code: J5410  
Amount: \$685,871.72

Diablo Canyon  
Job Code: J5390  
Amount: \$490,960

Tunnel Fire Environment  
Job Code: J5434  
Amount: \$66,132.25

Humboldt Bay  
Job Code: J5501  
Amount: \$935,075

WIR DOE South Carolina and Idaho  
Job Code: J5543  
Total: \$300,000  
Job Code: J5562  
Total: \$1,642,953

MacArthur Maze Fire  
Job Code: J5608  
Total: \$94,249

SFST TAD  
Job Code: J5606  
Total: \$220,000

- f. The total award fee available, the award fee earned thus far and the evaluation period applicable thereto are as follows:

<u>Evaluation Period</u>	<u>Available Award Fee</u>	<u>Award Fee Earned</u>
22 9/28/02-9/26/03	\$850,886	\$835,570
23 9/27/03-9/24/04	\$889,876	\$863,180
24 9/27/04-9/24/05	\$968,227	\$948,863
25 9/30/05-9/29/06	\$1,007,080	\$966,796
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**Current Data**

- E. September 29, 2007 - September 28, 2012 (Fourth Renewal period, Contract No. NRC-02-07-006)

- a. The total estimated ceiling amount of this Cost-Plus-Award-Fee type contract for the above mentioned period is \$123,376,281.
- b. The amount presently obligated by the Government with respect to this contract for this period is \$4,312,990. In addition, carryover funds in the estimated amount of \$2,650,000 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 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 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 (HLW)  
Job Code: D1035  
New Funds: \$4,262,990  
Estimated Carryover: \$2,000,000  
Total: \$6,262,990

Private Fuel Storage (PFS)\*  
Job Code: J5226  
New Funds:  
Carryover:  
Total:

WIR DOE South Carolina and Idaho  
Job Code: J5562  
New Funds:  
Estimated Carryover: \$400,000  
Total: \$400,000

MacArthur Maze Fire  
Job Code: J5608  
New Funds:  
Estimated Carryover: \$50,000  
Total: \$50,000

SFST TAD  
Job Code: J5606  
New Funds:  
Estimated Carryover: \$200,000  
Total: \$200,000

Newhall Pass  
Job Code: J5633  
New Funds: \$50,000  
Estimated Carryover: \$0  
Total: \$50,000

e. Total amount authorized by Operations Plan is as follows:

High-Level Waste (HLW)  
Job Code: D1035  
Amount: \$6,262,990

Private Fuel Storage (PFS)  
Job Code: J5226  
Amount:

WIR DOE South Carolina and Idaho  
Job Code: J5562  
Amount: \$400,000

MacArthur Maze Fire  
Job Code: J5608  
Amount: \$50,000

SFST TAD  
Job Code: J5606  
Amount: \$200,000

Newhall Pass  
Job Code: J5633  
Amount: \$50,000

## Section C - Description/Specifications/Work Statement

### C.1 Statement of Work for Operation of the Center for Nuclear Waste Regulatory Analyses

#### C.1.1 Concept for CNWRA Support to NRC

##### C.1.1.1 Nuclear Waste Policy Act of 1982

The Nuclear Waste Policy Act of 1982 as amended (NWPAA) sets forth the policy of the United States with regard to the management, storage, transportation, and disposal of this nation's high-level radioactive waste from commercial and defense activities. The NWPAA charges the Department of Energy (DOE) as the lead Federal Agency to