

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO.

1. CONTRACT ID CODE

PAGE

OF PAGES

1

3

2. AMENDMENT/MODIFICATION NO.

M291

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

NMS-02-07-006

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

3100

U.S. Nuclear Regulatory Commission
Div of Contracts
Mail Stop - TWB 01 B10M
Contract Management Branch No. 3
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
Contract Management Branch No. 3
Washington, DC 20555

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SOUTHWEST RESEARCH INSTITUTE INC

6220 CULEBRA RD

SAN ANTONIO TX 782385100

(X)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
NRC-02-07-006

10B. DATED (SEE ITEM 13)

10-15-1987

CODE 007936842

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 0501566120 JC: J5661 BOC: 252A APP X0200 FSS: 5010R026 \$1,675,000

B&R 05015366133 JC: J5662 BOC: 252A APP X0200 FSS: 5010R027 \$1,675,000

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.

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 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

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

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Valerie M. Whipple
Contracting Officer

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

4/8/2010

16B. UNITED STATES OF AMERICA

BY (Signature of Contracting Officer)

16C. DATE SIGNED

4/9/10

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE

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

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

APR 13 2010

ADM001

The purpose of this modification is as follows:

- (1) To add a new task entitled "Key Regulatory and Technical Issues;"
- (2) To obligate funds in the amount of \$1,675,000 under **Job Code J5661** for work associated with task entitled "Key Regulatory and Technical Issues;"
- (3) To add a new task entitled "BETA TPA Code and User Guide;" and
- (4) To obligate funds in the amount of \$1,675,000 under **Job Code J5662** for work associated with new task entitled "BETA TPA Code and User Guide."

Accordingly, the following changes are made:

1. Sections B. 2. E. b., d, and e. are revised to obligate and authorize funding for Job Code J5661 in the amount of **\$1,675,000** and Job Code 5662 in the amount of **\$1,675,000**, as shown on the attached change pages 9, 9a, and 9b.

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

Cumulative total of NRC obligations for JC D1035 (HLW): \$38,460,791.40

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: \$65,000

Cumulative total of NRC obligations for J5608: \$65,000

Job Code J5562 (WIR)

FY08 obligation amount: \$283,000

FY09 obligation amount: \$500,000

FY10 obligation amount: \$351,750

Cumulative total of NRC obligations for J5562: \$1,134,750

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

Cumulative total of NRC obligations for JC J5661: \$1,675,000

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

This modification obligates FY10 funds in the amount of \$3,350,000.

- 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: \$207,542

INEEL ISFSI-2
Job Code: J5410
Amount: \$685,819.72

Diablo Canyon
Job Code: J5390
Amount: \$482,753.90

Tunnel Fire Environment
Job Code: J5434
Amount: \$65,712.26

Humboldt Bay
Job Code: J5501
Amount: \$932,636.67

WIR DOE South Carolina and Idaho
Job Code: J5543
Total: \$266,240.88
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 applicable evaluation period are as follows:

<u>Evaluation Period</u>	<u>Available Award Fee</u>	<u>Award Fee Earned</u>
22 9/28/02-9/26/03		
23 9/27/03-9/24/04		
24 9/27/04-9/24/05	\$	
25 9/30/05-9/29/06		
26 9/30/06-9/28/07		

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 **\$43,446,454.40**. In addition, carryover funds in the estimated amount of \$3,727,149.29 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: \$38,460,791.40
Carryover: \$2,891,902.10
Total: \$41,352,693.50

WIR DOE South Carolina and Idaho
Job Code: J5562
New Funds: \$1,134,500.00
Carryover: \$484,481.08
Total: \$1,618,981.08

SFST TAD
Job Code: J5606
New Funds: \$190.89
Carryover: \$287,365.06
Total: \$287,555.95

SFST (Comprehensive Assessment of
Severe Road and Rail Transportation
Accidents Involving Long Duration Fires)
Job Code: J5639
New Funds: \$250,000
Carryover: \$0
Total: \$250,000

Key Regulatory and Technical Issues
Job Code: J5661
New Funds: \$1,675,000
Carryover: \$0
Total: \$1,675,000

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

MacArthur Maze Fire
Job Code: J5608
New Funds: \$88,121
Carryover: \$60,210.16
Total: \$148,331.16

Newhall Pass
Job Code: J5633
New Funds: \$162,792
Carryover: \$0
Total: \$162,792

BETA TPA Code and User Guide
Job Code: J5662
New Funds: \$1,675,000
Carryover: \$0
Total: \$1,675,000

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

High-Level Waste (HLW)
Job Code: D1035
Amount: \$36,093,325

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

WIR DOE South Carolina and Idaho
Job Code: J5562
Amount: \$1,568,424
Job Code: J5543
Amount: (\$33,759.12)

MacArthur Maze Fire
Job Code: J5608
Amount: \$125,210.16

SFST TAD
Job Code: J5606
Amount: \$243,877.89

Newhall Pass
Job Code: J5633
Amount: \$193,331

SFST (Comprehensive Assessment of
Severe Road and Rail Transportation
Accidents Involving Long Duration Fires)
Job Code: J5639
Amount: \$250,000

BETA TPA Code and User Guide
Job Code: J5662
Amount: \$1,675,000

Key Regulatory and Technical Issues
Job Code: J5661
Amount: \$1,675,000

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

<u>Evaluation Period</u>	<u>Available Award Fee</u>	<u>Award Fee Earned</u>
27 9/27/07 - 9/26/08		
28 9/27/09 - 9/26/09		
29		
30		
31		

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