CMB 2R1

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: 5000R110

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2. AMENDMENT/MODIFICATION NO: 139

3. EFFECTIVE DATE: 6/13/2000

4. REQUISITION/PURCHASE REQ. NO: NMS-97-009 6/9/00

5. PROJECT NO (If applicable):

6. ISSUED BY — CODE

U.S. Nuclear Regulatory Commission
Division of Contracts and Property Mgt.
Attn: T-7-I-2
Contract Management Branch
Washington DC 20555

7. ADMINISTERED BY (If other than Item 6) — CODE

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

Southwest Research Institute
6220 Culebra Road, PO Drawer 28510
San Antonio, Texas 78228-0510
Wesley C. Patrick, President, CNWRA
210-522-5158 TIN #74-1070544

CODE — FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO
Con# NRC-02-97-009
SBA#

X 10B. DATED (SEE ITEM 13)
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 of 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)
0515213115 J5164 252A 31X0200 Obligate: $150,000

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 [X] 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.

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)

15B. CONTRACTOR/OFFEROR — 15C. DATE SIGNED
(Signature of person authorized to sign)

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

16B. UNITED STATES OF AMERICA — 16C. DATE SIGNED
BY Barbara D. Meehan (Signature of Contracting Officer) 06-13-2000

STANDARD FORM 30 (REV. 10-83)

Template = ADM-001

ADM02

The purpose of this modification is to obligate $150,000 to the TWRS program (J5164) and confirm the additional authorizations of $80,469 for the Naval Spent Fuel project (JC J5327), and $50,000 to PFS (JC J5226). Accordingly, the following revisions are made:

Sections B.2.C.b and d are revised to show the obligation of $150,000 under Job Code J5164, as indicated on the attached change pages 5 and 6.

Section B.2.C.e is revised to show the authorization for the Naval Spent Fuel project of $80,469 in Job Code J5327 and $50,000 to PFS (JC J5226) as shown on the attached change page 7.

All other terms and conditions of this contract, including the ceiling amount for the second renewal period of $87,611,477.00, remain the same.

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

Job Code D1035 (HLW)
Total FY97 obligation amount $445,000 (see Spent Fuel (CIS) below)
Total FY98 obligation amount $10,792,270 (Note that this reflects the $19,000 which was obligated on Mod. 123, but not reflected in this summary)
Total FY99 obligation amount $11,862,000.
Total FY99 deobligation amount $183,756.57.
Total FY00 obligation amount $12,955,000.
Total FY00 deobligation amount of $100,000.

Cumulative Total of NRC Obligations for JC 1035 (HLW) $35,770,513.43.

Job Code D1035 (Spent Fuel (CIS))
Total FY97 obligation amount $200,000
Total FY98 obligation amount $250,000

Job Code J5297 (Spent Fuel (CIS))
Total FY00 obligation amount $100,000

Cumulative Total of NRC Obligations for CIS $550,000.

Job Code J5164 (Tank Waste Remediation)

Total FY98 obligation amount $250,000
Total FY99 obligation amount $285,000
Total FY00 obligation amount $515,000

Cumulative Total of NRC Obligations for JC J5164 $1,050,000.

Job Code J5206 (Spent Fuel Dry Transfer)
Total FY97 obligation amount $25,000.
Total FY98 obligation amount $200,000.
Total FY98 deobligation amount $33,000
Total FY99 obligation amount $283,600
Total FY00 obligation amount $135,000

Cumulative Total of NRC Obligations for JC J5206 $610,600.

Job Code J5210 (Aluminum-Based Spent Fuels)
Total FY98 obligation amount $125,000.

Cumulative Total of NRC Obligations for JC J5210 $125,000

Job Code J5186 (TMI-2 Fuel Debris)
Total FY98 obligation amount $208,000.
Total FY98 deobligation amount $8,000.
Total FY99 obligation amount $100,000
Total fY99 deobligation amount $15,898.

Cumulative Total of NRC Obligations for JC J5186 $284,102.

Job Code J5226 (Private Fuel Storage)
Total FY98 obligation amount $158,000
Total FY99 obligation amount $332,630
Total FY00 obligation amount $300,000

Cumulative Total of NRC Obligations for JC J5226 $790,630.

Job Code J5324 (SKB Peer Review)
Total FY00 obligation amount $9,987

Cumulative Total of NRC Obligations for JC J5324 $9,987.

Job Code J5327 (Naval Spent Fuel)
Total FY00 obligation amount $161,000

Cumulative Total of NRC Obligations for JC J5327 $161,000.

This modification obligates $150,000 in FY2000 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: $642,391.87
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:

Evaluation Period	Available Award Fee	Award Fee Earned
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

Current Data

C. September 27, 1997 - September 27, 2002

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 $ 39,351,832.43. In addition, carryover funds in the amount of $3,302,599.76 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. Evaluaton 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: $ 36,054,270
Deob.: $283,756.57
Carryover: $1,989,455.71
Total: $37,759,969.14

Waste Solidification Systems
Job Code: L1793
New Funds:
Carryover: $2,763.35
Total: $2,763.35

Tank Waste Remediation
Job Code: J5164
New Funds: $1,050,000
Carryover: $1,246,284.95
Total: $2,296,284.95

Waste Solidification Systems
Job Code: J5190
New Funds:
Carryover: $35,349.05
Total: $35,349.05

Spent Fuel (TMI-2 Fuel Debris)
Job Code: J5186
New Funds: $308,000
Deob.: $23,898
Carryover: $28,746.69
Total: $312,848.69

Spent Fuel (Dry Transfer)
Job Code: J5206
New Funds: $643,600
Deobligate: $33,000
Carryover: $0
Total: $610,600

Aluminum-Based Spent Fuels
Job Code: J5210
New Funds: $125,000
Total: $125,000

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

Spent Fuel (PFS)*
Job Code: J5226
New Funds: $790,630
Total: $790,630

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

SKB Peer Review
Job Code: J5324
New Funds: $9,987
Total: $9,987

Naval Spent Fuel
Job Code J5327
New Funds: $161,000
Total: $161,000

Total New Funds Obligated for 2nd Renewal Period: $39,692,487.00
Funds Deobligated during 2nd Renewal Period: 340,654.57
Net Obligated: $39,351,832.43

*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: $36,069,629

Waste Solidification Systems
Job Code: J5190
Amount: $35,349.05
Job Code: L1793
Amount: $2,763.35

Tank Waste Remediation
Job Code: J5164
Amount: $2,296,284.95

Spent Fuel (TMI-2 Fuel Debris)
Job Code: J5186
Amount: $312,849

Spent Fuel (Dry Transfer)
Job Code: J5206
Amount: $573,001

Spent Fuel (CIS)
Job Code: D1035
Amount: $450,000

Aluminum-Based Spent Fuel
Job Code: J5210
Amount: $125,000

Spent Fuel (CIS)
Job Code: J5297
Amount: $100,000

SKB Peer Review
Job Code: J5324
Amount: $9,987

Spent Fuel (PFS)
Job Code: J5226
Amount: $740,630

Naval Spent Fuel
Job Code: J5327
Amount: $115,469

Total amount authorized: $40,830,962.35

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

Evaluation Period	Available Award Fee	Award Fee Earned
17 9/27/97-9/25/98	$598,989	$581,021
18 9/26/98-9/24/99	797,438	781,490
19 9/25/99-9/29/00		
20 9/30/00-9/28/01		
21 9/29/01-9/27/02		

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 (NWPA) sets forth the policy of the United States with regard to the management, storage and disposal of this nation's high-level radioactive waste from commercial and defense activities. The NWPA charges the Department of Energy (DOE) as the lead Federal Agency to manage the siting, construction,