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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE NMS-97-009 PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO 135 3. EFFECTIVE DATE 12/20/99 4. REQUISITION/PURCHASE REQ. NO NMS-97-009 dtd 12/20 5. PROJECT NO. (If applicable)

6. ISSUED BY U.S. Nuclear Regulatory Commission Division of Contracts and Property Mgt. Attn: T-7-I-2 Washington DC 20555 7. ADMINISTERED BY (If other than item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southwest Research Institute 6220 Culebra Road, PO Drawer 28510 San Antonio TX 78228-0510 Wesley C. Patrick, President, CNWRA 210-522-5158 TIN # 74-1070544 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO Con# NRC-02-97-009 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) n/a

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

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). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual agreement of the parties 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.)

See attached pages for description of modification.

15A. NAME AND TITLE OF SIGNER (Type or print) R.B. Kalmbach 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) 15C. DATE SIGNED 1/10/2000 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Barbara D. Meehan 16B. UNITED STATES OF AMERICA (Signature of Contracting Officer) 16C. DATE SIGNED 12-20-1999

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The purpose of this modification is to incorporate a new security clause as Attachment 23 to the contract. Accordingly, the following revision is made:

Section J is revised to show the addition of a new attachment 23 entitled, "Security Controls on the Dissemination of Naval Nuclear Propulsion Information" as shown on the attached..

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.

Cumulative Total of NRC Obligations for JC 1035 (HLW) \$35,870,513.43.

Job Code D1035 (Spent Fuel (CIS))

Total FY97 obligation amount \$200,000

Total FY98 obligation amount \$250,000

Cumulative Total of NRC Obligations for JC 1035 (SP CIS) \$450,000.

Description of Changes Incorporated by Modification No. 135 to NRC-02-97-009

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Job Code J5164 (Tank Waste Remediation)

Total FY98 obligation amount \$250,000

Total FY99 obligation amount \$285,000

Total FY00 obligation amount \$365,000

Cumulative Total of NRC Obligations for JC J5164 \$900,000.

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 \$200,000

Cumulative Total of NRC Obligations for JC J5226 \$690,630.

This modification does not obligate funds.

- 20 NRC Form 187, "Contract Security and/or Classification Requirements
- 21 Licence Fee Cost Recovery Status (Sample Form)
- 22 Inventory List of Equipment Transferred From Previous Contracts NRC-02-88-005 and NRC-02-93-005
- 23 Security Controls on the Dissemination of Naval Nuclear Propulsion Information

NARRATIVE: 9T-NNPI
REVISED: APRIL 1998

**SECURITY CONTROLS ON THE DISSEMINATION OF
NAVAL NUCLEAR PROPULSION INFORMATION**

1. The provisions of the DOE-DOD Classification Guide for the Naval Nuclear Propulsion Program, CG-RN-1, Revision 3, and its Interpretive Guidance Bulletins and NAVSEAINST C5511.32B are applicable to all Naval Nuclear Propulsion Information (NNPI) work done under this contract.
2. Disclosure of classified or unclassified information relating to the Naval Nuclear Propulsion Program to employees of contractors granted Limited Clearances under the provisions of DOD 5220.22M, National Industrial Security Program Operating Manual (NISPOM) is unauthorized without the specific authorization of the Naval Sea Systems Command (NAVSEASYSKOM).
3. Access to Navy ships, to Navy or commercial shipyards where such ships and facilities adjacent thereto are located is subject to the requirements of NAVSEAINST 5500.3A of 2 March 1988, Subj: Control of Access to Vessels by NON-US Citizens.
4. Information classified in accordance with the DOE-DOD Classification Guide for Naval Nuclear Propulsion Program, CG-RN-1, Revision 3, February 1996, shall be marked as follows:
 - a. If Restricted Data:

Derived from: DOE-DOD Classification Guide for Naval Nuclear Propulsion Program, CG-RN-1, Revision 3 dtd February 1996.
RESTRICTED DATA
This document contains Restricted Data as defined in the Atomic Energy Act of 1954. Unauthorized disclosure subject to Administrative and Criminal Sanctions.
 - b. For classified NNPI that is national security information:

Derived from: DOE-DOD Classification Guide for Naval Nuclear Propulsion Program, CG-RN-1, Revision 3 dtd February 1996.
Declassify on: X2, X3, X6, X8
This document shall not be used as a basis for derivative classification guidance.
5. Information identified as NNPI in accordance with the NAVSEAINST C5511.32B shall be marked with the following:
 - a. NOFORN. (stamp or large font, top and bottom of each

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page).

b. NOFORN: This document is subject to special export controls and each transmittal to foreign governments or foreign nationals may be made only with the prior approval of the Naval Sea Systems Command. (on cover page and/or first page)

6. Critical Technology (also referred to as militarily critical technology) is defined as follows:

a. Arrays of design and manufacturing know-how (including technical data);

b. Keystone equipment (including manufacturing, inspecting and testing equipment) is the equipment specifically necessary for the effective application of a significant array of technical information and know-how;

c. Keystone materials are materials specifically necessary for the effective application of a significant array of technical information and know-how; and

d. Goods accompanied by sophisticated operation, application or maintenance know-how that would make a significant contribution to the military potential of any country or combination of countries and that may prove detrimental to the security of the United States.

7. Information other than NNPI that contains critical technology information as defined in paragraph 6 above shall be marked with the following warning notice, along with the designated distribution statement:

WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C. SEC. 2751 et seq.) or Executive Order 12470. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with the provisions of OPNAVINST 5510.161.

8. The contractor shall invoke the foregoing provisions, as appropriate, in all subcontracts hereunder which involve access to NNPI. The requirements of NAVSEAINST C5511.32B and appropriate sections of the DOE-DOD Classification Guide for Naval Nuclear Propulsion Program, CG-RN-1, Revision 3 and its Interpretive Guidance Bulletins are applicable for all contracts and are also applicable to all subcontracts which involve access to Classified NNPI.