

## AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

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2. AMENDMENT/MODIFICATION NO. Thirty-two (32)	3. EFFECTIVE DATE 3/27/89	4. REQUISITION/PURCHASE REQ. NO. NMS-87-004 dtd 2/2/89	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Nuclear Regulatory Commission Division of Contracts & Property Management Washington, D.C. 20555	7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Science Applications International Corporation Environmental Technology Group 1710 Goodridge Drive, MS G-6-1 McLean, Virginia 22102	9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-02-87-004 10B. DATED (SEE ITEM 13) 10/10/86
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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 No.: 950-19-03-02 FIN No.: L10949 Obligate: \$31,000.00

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
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: X Paragraph G.1 of the contract and paragraph G.10 of the contract.
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification definitizes Task Order No. 17, "Safety Review of Proposed Amendment H.B. Robinson Unit 2 Steam Electric Plant Independent Spent Fuel Storage Installation," and provides additional funding under the contract.

- Pursuant to paragraph G.10, Task Orders, the contractor is authorized to perform Task Order No. 17 in accordance with the contractor's proposal dated February 23, 1989 as revised by telecon on March 17, 1989, between Barbara Meehan, NRC, and Tom Rodehau, SAIC, wherein it was agreed to reduce indirect overheads from \$12,593.00 to \$12,491.00, G&A from \$2,334.00 to \$2,324.00, and fee from \$2,568.00 to \$2,439.00 and with the attached Statement of Work.

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) THOMAS J. RODEHAU SR. CONTRACT REPRESENTATIVE	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Paul J. Edgeworth
15B. CONTRACTOR/OFFEROR Thomas J. Rodehau (Signature of person authorized to sign)	15C. DATE SIGNED 4/5/89
15D. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 4/11/89

Task Order 17 shall be in effect from the date shown in block 3 of SF30 through through September 30, 1989.

The total cost ceiling of this task is \$28,006.00 of which \$25,567.00 represents the total estimated cost and [REDACTED] represents the fixed fee.

The following individuals are considered to be essential to the successful performance of this task order: J. Price, J. Stokley, and S. Mirsky

The contractor agrees that such personnel shall not be removed from the effort under the task order without compliance with Contract Clause H.1, Key Personnel.

2. Under Section G - Contract Administration Data, Paragraph G.1, Contract Ceiling Amount, the second sentence is revised to read:

"The amount of funds available for performance under this contract is increased by \$31,000.00 from \$1,461,100.00 to \$1,492,100.00."

All other terms and conditions, including the ceiling amount of \$2,100,000.00, remain the same.

TASK DESCRIPTION  
SAFETY REVIEW OF PROPOSED AMENDMENT  
H. B. ROBINSON UNIT 2  
STEAM ELECTRIC PLANT  
INDEPENDENT SPENT FUEL STORAGE INSTALLATION  
DOCKET NO. 72-3

1.0 Background

Carolina Power and Light Company (CP&L) has submitted an application for an amendment to materials license SNM-2502, under the provisions of 10 CFR Part 72, to modify a technical specification covering the design of instrumentation which may be used at its H. B. Robinson independent spent fuel storage installation (ISFSI). This modification would provide for substitution of Epoxylite resin seals for metallic weld seals in thermocouple lead penetrations. The ISFSI is located on the H. B. Robinson Unit 2 Steam Electric Plant in Darlington County, South Carolina, and utilizes a dry storage concrete module system.

CP&L's application has been accepted for docketing and provides a satisfactory framework for the initiation of the detailed reviews.

2.0 Work Required

The Contractor shall evaluate the proposed use of Epoxylite resin in place of the present requirement for metallizing the aluminum oxide crystals at the inner and outer penetrations for the thermocouple leads through the dry shielded canister. (Reference Specification 6.1.1b of SNM-2502 (Docket No. 72-3)).

The review activity will culminate in a written record that will clearly demonstrate the applicant's compliance and non-compliance with the requirements and criteria specified in 10 CFR Part 72. The written materials furnished by the Contractor should be suitable for inclusion in the NRC's Safety Evaluation Report.

The requirements of 10 CFR Part 72 will dictate the overall scope of the safety review. All evaluations performed by the Contractor should be based upon fulfilling specific requirements and criteria established in Subparts E and F of 10 CFR Part 72. Within Division 3 Regulatory Guides there are applicable methods acceptable to the NRC for implementing some 10 CFR Part 72 requirements and criteria. If adopted by the applicant these regulatory guides can be used to qualify discrete review areas.

The scope of this task does not include any participation in a public hearing nor any additional review effort that could evolve from such participation.

## 2.1 Staffing

The principal investigators represent the technical expertise provided by the Contractor and provide technical continuity during the entire review process. They should have professional credentials in the technical areas assigned to them that will qualify them as expert witnesses for testifying at public hearings. They should have a clear understanding of the depth of review generally required by the NRC and specifically required by the type of activity proposed by the applicant for the disciplines they represent.

In areas that can be best accomplished by less experienced personnel, the principal investigators may act as overseers, providing contractor quality control to task activities.

The reviewers will be responsible for a timely technical review of discrete areas within the entire review effort. Reviews can be performed by any qualified support staff member, but may be performed by a principal investigator or even by the project manager.

The reviewers who perform the actual work shall provide detailed technical records of the methods used to evaluate all aspects of their areas of responsibility. Upon completion of an evaluation, the reviewer or responsible principal investigator will distill this record to suitable documentation for inclusion in NRC reports.

## 2.3 Schedule

The following schedule is based on estimates of time intervals to accomplish steps in the review process through the NRC documentation stage review. However, the overall schedule is dependent on the applicant's responses to NRC requests for information and any outstanding concerns.

Task Start-up and Coordination Meeting	2 weeks
Complete Requests for Additional Information	3 weeks
Complete Evaluation, Identifying Outstanding Concerns	4 weeks
Complete Final Evaluation	4 weeks

Discrete areas within task activities should be treated on the individual reviewer level. If a discrete area of review is satisfied by the initial submittal from the applicant, its final evaluation and documentation should be completed in the early stages of the review and should not wait for the review steps required for a more difficult area.

## 3.0 Task Report Deliverables

Two types of reports are required; reports on discrete areas of review and monthly reports identifying the overall progress of the task. For each discrete review area, the Contractor shall provide details of the review method, requests for information in a form suitable to transmit to the applicant, and documentation summarizing the evaluation and findings suitable

to include in NRC reports. The last of these shall be submitted for each review task in draft and final form.

Monthly reports shall be submitted in accordance with the terms and conditions of the basic statement of work for the contract.

#### 4.0 Travel

It is expected that there will be monthly coordination meetings between the Contractor and NRC staff throughout the duration of the task. This should be readily accommodated because of the proximity of the Contractor's offices and the NRC's offices in Rockville, Maryland.

If during the review process an area of review requires technical discussions between the Contractor and the applicant, the Contractor may be requested to attend meetings with the applicant. It is anticipated this could involve three meetings at NRC's offices in Rockville, Maryland. Depending upon their area of responsibility, it is expected that selected reviewers will make a site visit associated with the review.

#### 5.0 NRC Furnished Materials

The NRC will furnish the Contractor copies of appropriate documents docketed under Docket No. 72-3.

#### 6.0 Completion Date

The desired completion date for this technical assistance task is 9/30/89. If required, a separate task order will be initiated to utilize selected reviews from this task in public hearings associated with this licensing action.

#### 7.0 Level of Effort

The level of effort for this task is estimated at 2 person months.