GENERAL SERVICES ADMINISTRATION FED PROC REG (41 CFR) 1-16.101

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1 2

1 AMENDMENT/MODIFICATION NO	2 EFFECTIVE DATE	3 REQUISITION/PURCHASE REQUEST NO	4 PROJECT NO. (If applicable)
3	3/22/83	RFPA NMS-83-035 dtd	

5 ISSUED BY	CODE	6 ADMINISTERED BY (If other than block 5)	CODE
U. S. Nuclear Regulatory Commission Division of Contracts Washington, DC 20555			

7 CONTRACTOR NAME AND ADDRESS (Street, city, county, state, and ZIP Code)

CODE ____ FACILITY CODE ____

Science Applications, Inc.
P. O. Box 1303
1710 Goodridge Drive
McLean, VA 22102

8
- [ ] AMENDMENT OF SOLICITATION NO. ____
  DATED ____ (See block 9)
- [X] MODIFICATION OF CONTRACT/ORDER NO. NRC-02-83-035
  DATED 1/21/83 (See block 11)

9 THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS

- [ ] The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offerors 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 signing and returning ____ copies of this 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 ACKNOWLEDGEMENT TO BE RECEIVED AT THE ISSUING OFFICE 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 such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10 ACCOUNTING AND APPROPRIATION DATA (If required)

B&R No. 50-19-01-01 FIN B7392-3 Increase: $9,323.00

11 THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS

(a) [ ] This Change Order is issued pursuant to ____

The Changes set forth in block 12 are made to the above numbered contract/order.

(b) [ ] The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.

(c) [X] This Supplemental Agreement is entered into pursuant to authority of the mutual agreement of the parties

It modifies the above numbered contract as set forth in block 12.

12 DESCRIPTION OF AMENDMENT/MODIFICATION

The purpose of this modification is to issue a fully definitized Task Order 002 entitled "Evaluation of Site Meterology Including Design Basis Tornado at West Valley, New York," and increase the amount obligated under this contract by $9,323.00. Now, therefore, the following changes are hereby made:

I. Under ARTICLE V Consideration and Payment, Section A Estimated Cost Fixed Fee and Obligation, paragraph 1, delete the figure $239,518.00 and insert "$248,841.00" in lieu thereof.

II. In accordance with ARTICLE II entitled "Task Orders" authority is hereby provided for the contractor to perform Task Order No. 002 as described in the attached Statement of Work. The effort shall be performed in accordance with the contractor's technical and cost proposals dated March 9, 1983 which are incorporated herein by this reference. Additionally, the following is hereby incorporated into the Statement of Work:

Except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.

13.
- [ ] CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT
- [XX] CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE

14. NAME OF CONTRACTOR/OFFEROR		17. UNITED STATES OF AMERICA	
BY Diane E. Findley (Signature of person authorized to sign)		BY Raymond P. Gustave (Signature of Contracting Officer)	
15. NAME AND TITLE OF SIGNER (Type or print) Diane E. Findley Senior Contract Representative	16. DATE SIGNED 6/3/83	18. NAME OF CONTRACTING OFFICER (Type or print) Raymond P. Gustave	19. DATE SIGNED 6/17/83

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NRC-02-83-035 PDR

* U.S. GOVERNMENT PRINTING OFFICE : 1982 O - 353-526 (7xx*)

1. Paragraph 6.0 Desired Completion Date is deleted in its entirety and the following is substituted in lieu thereof:

   "6.0 Period of Performance

   The period of performance shall commence on March 22, 1983 and end on June 30, 1983."

2. The following Section 7.0 is added:

   "7.0 Cost Ceiling

   The cost ceiling associated with this Task Order is $9,323.00 of which $8,553.00 represents the total estimated reimbursable costs and $770.00 represents the fixed fee."

As a result of this modification, the total amount obligated under this contract is increased by $9,323.00 from $239,518.00 to $248,841.00.

TASK DESCRIPTION
FOR
EVALUATION OF SITE METEOROLOGY
INCLUDING DESIGN BASIS TORNADO
AT WEST VALLEY, NEW YORK
FIN - B7392

1.0 Background

The West Valley Demonstration Project Act, Public Law 96.368, directs the Department of Energy (DOE) to solidify the high-level liquid wastes stored in tanks at the Western New York Nuclear Service Center. The Act also directs the NRC to review and comment on DOE's waste management plans for West Valley. DOE and its contractors will submit data on tornado frequencies and severities for the West Valley area and will propose design basis tornado characteristics. DOE will also provide general meteorological data for West Valley and information concerning their meteorological monitoring program. The NRC staff needs assistance in reviewing this information.

2.0 Work Required

a. Step One

The Contractor shall meet with the NRC Project Manager (PM) to review the background and current status of issues related to this effort. The PM shall provide the Contractor with copies of all pertinent documents, including all information received from DOE (see Attachment 1).

b. Step Two

The Contractor shall critically review DOE's meteorological monitoring information and their estimate of the tornado and high-wind hazards at West Valley. The Contractor shall identify (1) areas where more or better data are needed, (2) areas where calculations were not performed correctly, (3) areas where unrealistic assumptions were made, and (4) areas where other weaknesses are discovered. The Contractor shall meet with the PM to discuss the results of the assessment and shall subsequently document the conclusions in two written reports, one dealing with meteorological monitoring and one dealing with tornado hazards. It may be necessary during this step to meet with DOE representatives to discuss the details of their tornado hazard estimates or meteorological data.

3.0 Travel

The Contractor shall meet with the PM at the beginning of Step One and near the end of Step Two. One or two additional meetings may be called by the PM to discuss specific issues. It is anticipated that the location will be Silver Spring, MD or the offices of the Contractor. It is expected that the Contractor shall make one visit to the West Valley site.

4.0 Reports

The Contractor shall provide two written reports documenting the results of this task, one dealing with meteorological monitoring and one dealing with tornado hazards. The titles of the reports shall be "Evaluation of the Proposed Meteorological Program for the West Valley Demonstration Project" and "Evaluation of the Design Basis Tornado for the West Valley Demonstration Project." Both reports shall follow the format specified in the contract. Monthly reports shall be submitted in accordance with the terms of the contract.

5.0 Level of Effort

The estimated level of effort required to accomplish this task is 1 man-month.

6.0 Desired Completion Date

The desired completion date for the meteorological monitoring report is March 30, 1983. The desired completion date for the tornado and high-wind hazard report is June 30, 1983.

Attachment 1 - List of Documents

WEST VALLEY DEMONSTRATION PROJECT

List of Meteorology Reports

a. James R. McDonald, "Tornado and Straight Wind Hazard Assessment for West Valley, New York," Institute for Disaster Research, Texas Tech University, July 1979.

b. Fujita, Tecson, and Levine, "A Site-specific Evaluation of Tornado and High-wind Risks at West Valley Site, New York," University of Chicago, November 1979.

c. George W. Nicholas and Richard C. Egan, "Position Paper - Meteorological Program for West Valley Demonstration Project," Dames & Moore, July 14, 1982.