

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE 81 PAGES	
2. AMENDMENT/MODIFICATION NO. Twenty-Eight (28)		3. EFFECTIVE DATE 7/19/85		4. REQUISITION/FORCHASE REQ NO. NMSS-83-035 dtd 5/29/85 & 7/2/85	
5. ISSUED BY US Nuclear Regulatory Commission Division of Contracts Washington, DC 20555		6. ADMINISTERED BY (If other than Item 5)		7. PROJECT NO. (If applicable)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.	
Science Applications International Corp. PO Box 1303 McLean, VA 22102			
9B. DATED (SEE ITEM 11)			
10A. MODIFICATION OF CONTRACT/ORDER NO.			
X NRC-02-83-035			
10B. DATED (SEE ITEM 13)			
1-21-83			
CODE		FACILITY CODE	

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: 50-19-01-00 FIN: B7399-5 Obligate: \$16,951.00

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

(V)	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).
X	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 3 copies to the issuing office.

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

The purpose of this modification is to provide for the following changes to Task Order 009 entitled "Evaluation of Accident Computer Codes Application to West Valley Solidification:" (1) add to the statement of work, (2) increase the Task Order ceiling, and (3) extend the period of performance. Therefore, the following changes are hereby incorporated:

- Section 2.0, Work Required, the following paragraphs are added. The effort required shall be performed in accordance with the Contractor's proposal dated June 21, 1985, which is incorporated herein by reference.

"In addition to the above work, the contractor shall perform additional work on non-functional options, representative fuel cycle facility tests for convergence

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
for Diana R. Jackson Senior Contract Representative		Elois Wiggins	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	
Wendy R. Marshall		Elois Wiggins	
15C. DATE SIGNED		16C. DATE SIGNED	
7/18/85		7/19/85	
8508050333 850719 PDR CONTR NRC-02-83-035 PDR		(Signature of Contracting Officer)	

and material/energy balance closure, and the interface between FIRAC and FIRIN affecting mass balance discontinuity. In order to conclude the determination of code suitability efficiently, the contractor shall visit the Los Alamos National Laboratory (LANL) for a period of about one week.

Following the visit to LANL, the contractor shall adjust the SAIC version of the improved FIRAC code to conform with the LANL version. The contractor shall mark up the copy of the FIRAC User's Manual to conform to the LANL-SAIC version of the improved FIRAC code with other additional notes to improve the use of the manual. A second copy of the marked up FIRAC manual shall be provided for DOE use at West Valley.

In addition, the contractor shall prepare a report summarizing the results of the work with the improved FIRAC code. The report shall indicate the limits and applicability of the FIRAC code for analyzing the radiological impacts of fires in fuel cycle facilities. This work shall be completed prior to the above visit to West Valley and prior to the work associated with that visit."

2. Section 6.0, Performance Period, the period of performance is extended from June 30, 1985 to September 30, 1985.
3. Section 8.0, Cost Ceiling, the cost ceiling of Task Order 009 is increased by \$16,951, from \$30,023 to \$46,974 of which \$43,095 represents estimated costs and of which \$3,879 represents fixed fee.
4. Contract Article V - CONSIDERATION AND PAYMENT, Paragraph A, Estimated Cost, Fixed Fee and Obligation, paragraph F, delete the figure "\$893,007.00" and insert "\$909,958.00."

All other terms and conditions remain the same.