

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. AMENDMENT/MODIFICATION NO. One (1)		2. EFFECTIVE DATE 9/5/80	3. REQUISITION/PURCHASE REQUEST NO. NRR-80-118	4. PROJECT NO. (If applicable)
5. ISSUED BY U.S. Nuclear Regulatory Commission Division of Contracts Washington, DC 20555		CODE	6. ADMINISTERED BY (If other than block 5) CODE	
7. CONTRACTOR NAME AND ADDRESS XYZYX Information Corporation 21116 Vanowen Street Canoga Park, CA 91303		CODE	8. AMENDMENT OF SOLICITATION NO. DATED _____ (See block 9) MODIFICATION OF CONTRACT/ORDER NO. NRC-03-80-118 DATED 2/20/80 (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)

20-19-09-09 B-6872 OBLIGATE \$15,812.00

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) This Supplemental Agreement is entered into pursuant to authority of mutual agreement of the parties.
It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF AMENDMENT/MODIFICATION

The following modification is made to the contract at the total estimated cost of \$15,812.00.

A. Article I - Statement of Work is modified as follows:

1. Work Requirements - Task 1 and Task 2 is revised by deleting "Target Completion Date: 2 1/2 months after award of contract" and "Target Completion Date: 6 1/2 months after award of contract" respectively.
2. Work Requirements, Task 2 - Development of Human Factors Considerations to be Used in Preparing Nuclear Power Operating Procedures (OPTION), is revised by adding the following paragraph:

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. CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE

14. NAME OF CONTRACTOR/OFFEROR BY <u>Robert L. Gold</u> (Signature of person authorized to sign)	17. UNITED STATES OF AMERICA BY <u>D. J. Dougherty</u> (Signature of Contracting Officer)
15. NAME AND TITLE OF SIGNER (Type or print) Robert L. Gold Vice President	16. DATE SIGNED 9/5/80
18. NAME OF CONTRACTING OFFICER (Type or print) D.J. Dougherty	19. DATE SIGNED 9/5/80

"This contract shall be extended to include task 2 at the unilateral option of the Government. The Contracting Officer shall provide written notice of extension to the Contractor within the period of performance specified in this contract if the Government chooses to exercise this option. Prior to issuing this notice, the Contracting Officer shall have given preliminary notice of the Government's intention to extend this contract at least thirty (30) days before the contract is to expire. (Such a preliminary notice shall not be deemed to commit the Government to extension.) The total duration of this contract including the exercise of the option stated under this Article shall not exceed 15 months. Should the Government exercise the option hereunder, all contractual terms and conditions shall apply during the option period."

3. Meetings and Travel - The second paragraph is deleted and the following is substituted:

"The contractor shall visit six nuclear power plant sites and two simulators for the purpose of discussing training and other related issues regarding the procedures. The plant selections shall be agreed upon between the NRC Project Officer and the contractor."

4. Reporting Requirements is deleted and the following is substituted:

1. Task 1 -

a. Interim Reports -

Reproducible interim reports and three copies containing the preliminary study results of all plant sites based on the procedures furnished to the contractor by NRC shall be submitted prior to the NRC site reviews.

Eight reproducible draft reports containing the results of the preliminary study of the site and the review and evaluations performed during the six nuclear power site visits and two simulator visits by the contractor shall be submitted to the NRC Project Officer no later than one week subsequent to the visits.

b. Final Report -

The final report shall contain a compilation of all twelve plant reviews plus recommendations for further improvements to the procedures. For the plant sites in which the contractor does not visit, the NRC may provide revised procedures. The contractor shall include their evaluation of these revised procedures in the final report. The contractor shall submit the final report to the NRC project officer no later than November 21, 1980. The NRC project officer will furnish comments on the draft final reports no later than December 16,

1980. A reproducible final report and ten copies, incorporating NRC's comments, shall be submitted to the NRC project officer and one copy shall be submitted to the Contracting Officer no later than December 31, 1980. The final report shall be prepared in accordance with Appendix B, NRC Manual Chapter 3202.

2. Task 2 (OPTION) -

- a. A reproducible draft report and three copies containing the recommendations and the basis upon which the recommendations were developed shall be submitted to the NRC project officer no later than April 1, 1981. The NRC project officer shall furnish comments on the draft no later than May 1, 1981. A reproducible final report and ten copies incorporating NRC's comments shall be submitted to the NRC project officer no later than May 20, 1981.
- b. This final report shall be prepared in accordance with Appendix B, NRC Manual Chapter 3202.

3. Monthly Business Letter -

A monthly business letter report will be submitted by the 15th of the month to the cognizant branch chief with a copy to the cognizant Assistant Director and Technical Support Branch, ATTN: B.L. Grenier. These reports will contain the following information related to the accomplishment of this program.

- a. Summary of the progress and work completed during the period, including milestones reached or, if missed, an explanation provided;
 - b. The amount of funds expended for manpower and computer during the period and cumulative to date;
 - c. If problems are encountered or anticipated, a description of the plans for their resolution, the schedule of their implementation and their impact on the overall program; and
 - d. Plans for the next reporting period.
- B. Article II - Period of Performance is revised by deleting "for a Period of 6 1/2 months" and substituting "through December 31, 1980."
- C. Article III - Government Furnished Material is revised by deleting "on the effective date" and substituting "periodically throughout the term."

D. Article IV - Consideration is revised as follows:

1. Part A - Estimated Cost, Fixed Fee and Obligation:

- a. Paragraph 1 is revised by deleting "\$78,224", "\$72,430" and "\$5,794" and substituting "\$94,036", "\$87,071", and "\$6,965", respectively.
 - b. Paragraph 2 is deleted and the following is substituted:
 - "2. Total funds currently available for payment and allotted to the contract for the performance of Task 1 are \$58,163, of which \$53,855 represents the estimated reimbursable costs, and of which \$4,308 represents the fixed fee. Funding for Task 2 will be made available only upon the decision of the Government to exercise the stated Task 2 option. For further provisions of funding, see the General Provisions, Clause 3 entitled "Limitation of Funds."
 - c. Paragraph 3 is revised by deleting "2 1/2 months from the effective date of the contract" and substitute "no later than December 31, 1980."
2. Part B - Indirect Costs is revised by deleting "\$47,965" in both sentences and substituting "\$54,267" in both sentences.

E. Article VI - Project Officer is revised by deleting "Thomas M. Novak" and substituting "Dennis L. Ziemann."