

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF

1 1

2. AMENDMENT/MODIFICATION NO.  
Nine (9)

3. EFFECTIVE DATE  
SEP 30 1992

4. REQUISITION/PURCHASE REG. NO.  
03-91-028 dtd 6/26/92

5. PROJECT NO. (If appl)

6. ISSUED BY

CODE

7. ADMINISTERED BY (If other than Item 6)

CODE

U. S. Nuclear Regulatory Commission  
Division of Contracts & Property Management  
Washington, D. C. 20555

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Merex, Inc.  
3206 Tower Oaks Blvd., Suite 300  
Rockville, MD 20852

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

NRC-03-91-028

10B. DATED (SEE ITEM 13)

7/11/91

Principal Investigator/Technical

Contact: Richard M. Tworek

Telephone No. (301) 815-0500

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 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 telegraph 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)

APPN NO. 31X0200,220 FIN NO. L-1674-2 B&R No. 220-19-15-04-0 OBLIGATE: \$774,649

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

14. 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 of appropriation data, 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:

D. OTHER (Specify type of modification and authority)

X Mutual agreement of the parties.

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

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

SEE ATTACHED PAGE

9210210310 920930  
PDR CONTR  
NRC-03-91-028 PDR

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)

15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

MARY MARGARET STYER, Vice President

Mary Lynn Scott, Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

15D. UNITED STATES OF AMERICA

15E. DATE SIGNED

Mary Lynn Scott

9/30/92

by M. Lynn Scott

SEP 30 1992

The purpose of this modification is to: (1) confirm verbal authorization given by Donald King, of my staff, to Peggy Styer on 7/28/92 to continue work under this contract, (2) increase the contract's ceiling amount by \$774,649 and obligated amount by \$646,000, (3) revise the Statement of Work (SOW) to provide for an increase in the level of effort in accordance with the attached SOW and the contractor's proposal dated 7/31/92 with revisions dated 9/23/92 and 9/25/92, and (4) incorporate FAR Clause 52.222-18 NOTIFICATION OF EMPLOYEE RIGHTS CONCERNING PAYMENT OF UNION DUES OR FEES (May 1992).

Accordingly, the contract is modified as follows:

1. Subsection B.1.6 SUPPLIES OR SERVICES AND PRICES/COSTS, Subsection B.4 entitled CONSIDERATION AND OBLIGATION--DELIVERY ORDERS (JUNE 1988), The first sentence of paragraphs a. and b. are revised to read as follows:

"a. The total estimated amount of this contract (ceiling) for the products/services ordered, delivered, and accepted under this contract is \$2,520,247.

b. The amount presently obligated with respect to this contract is \$2,391,598.

2. Under Section C, Subsection C.1 STATEMENT OF WORK is hereby revised as reflected in Attachment 1 to the subject modification and the Contractor's proposal dated July 31, 1992, with revisions dated September 23 & 25, 1992, incorporated by reference.

3. Under Section I - CONTRACT CLAUSES incorporate FAR Clause 52.222-18 NOTIFICATION OF EMPLOYEE RIGHTS CONCERNING PAYMENT OF UNION DUES OR FEES (May 1992) as reflected in Attachment 2 to the subject modification.

All other terms and conditions remain unchanged.

A summary of obligations for this contract, from award date through the date of this action is given below:

"Total	FY 91	obligation Amt	\$ 287,000
Total	FY 92	obligation Amt.	\$2,104,598

Cumulative Total of NRC Obligations \$2,391,598

This modification obligates FY 92 funds in the amount of \$646,000.

## C.1 STATEMENT OF WORK

### C.1.1 BACKGROUND

The Technical Specifications Improvement Program was initiated by the Nuclear Regulatory Commission's (NRC) February 1987 interim Commission Policy Statement on Technical Specification Improvements. In support of this program, four Nuclear Steam Supply System (NSSS) Owners Groups representing five reactor designs (Westinghouse, Combustion Engineering, Babcock & Wilcox, General Electric (GE) BWR/4, and GE BWR/6) have been working with the NRC's Office of Nuclear Reactor Regulation (NRR) to develop new Standard Technical Specifications (STS) for each of the reactor design types. The objective of this effort is to obtain new STS that improve operational safety. This will be accomplished by focusing on the most safety significant requirements, reducing challenges to safety systems, making the STS more operator oriented, reducing the size and complexity of the STS, improving the STS Bases, applying human factors principles to writing new STS, and allowing more efficient use of NRC and industry resources through reduction in the number of licensing actions. The five sets of STS resulting from these efforts will be implemented on a plant specific basis at five lead commercial nuclear power plants (seven reactor units) representing the five reactor design types. Ultimately, the majority of commercial nuclear power plants within the five reactor design types will convert their existing Technical Specifications to the new STS.

NRR's Technical Specifications Branch (OTSB) is currently working with the Owners Groups to develop the new STS and their Bases. Each of the five sets of STS including Bases contains 15 sections and about 1,500 pages of highly formatted technical text and tables. To maintain its schedule, the NRC requires contractor assistance to support technical editing and word processing for the new STS.

Performance of this project will require attendance at technical meetings at NRC Headquarters or Owners Groups offices, Rockville, Maryland; daily interface and coordination with the NRC Lead Engineer; and the editing and processing of about 2000-3000 pages of highly formatted text and tables (using Wordperfect 5.1) each week throughout the contract period of performance. Successful performance of this project will also require an understanding of the use of Technical Specifications in commercial nuclear power reactor operations and proficiency in control of computerized files and documents.

The primary product resulting from this project will be draft pages, the proof-and-review version and Revision 0 of the new STS including Bases. Each version of the new STS and Bases produced under this contract shall be delivered in camera-ready hard copy and WordPerfect 5.1 magnetic media versions.

(Note: References to the STS include the Bases.)

### C.1.2 OBJECTIVE

The principle objective of this work project is to obtain technical editing, word processing, computer-generated graphics, and data base management

assistance for the NRC's Technical Specifications Branch for preparation of the "proof and review" version and Revision 0 of the new NRC-approved STS, including their Bases. This work shall be supported by a document control system, a word- and phrase-searchable data base, and a text comparison utility.

### C.1.3 MANDATORY REQUIREMENT

Daily coordination and interface with the NRC Lead Engineer, as well as daily delivery of work products, will be required to successfully perform this project. Therefore, the contractor personnel assigned to this project and all equipment required to perform the contract work requirements shall be located within one-hour's drive of the Headquarters building located in Rockville, Maryland.

### C.1.4 ORDERING PROCEDURES

All service to be furnished under this contract shall be ordered by issuance of the "Work Assignment Form" by the NRC Project Officer or his designee. Such orders may be issued from the effective date of the contract through the end of the effective period. All work orders are subject to the terms and conditions of this contract. In the event of conflict between a work order and this contract, the contract shall control. The "Work Assignment Form" specifies the type of service that the contractor shall perform and the date the completed work shall be returned to the NRC. Work may be issued at the sole option of the NRC. Work is considered "issued" when the contractor receives the "Work Assignment Form." Upon completion of the work assignment, the contractor shall complete the "Work Assignment Form" and return one copy to the NRC Project Officer. In addition, one copy of the completed form shall accompany the contractor's invoices for the month. The NRC reserves the right to withdraw a proposed work order at any time prior to the time the work is initiated by the contractor.

### C.1.5 SCOPE OF WORK

The contractor shall provide the facilities, equipment, computer software, materials, supp. c., services, support, staff, and qualified professional personnel, including project manager, necessary to complete this project. This project consists of five tasks.

#### Task 1: Documentation of SYS Revisions Made During NRC-Owners Group Meetings

The contractor shall provide technical editors (up to two per meeting) to attend meetings between the NRC and the Owners Groups. During each meeting, the assigned contract technical editor(s) shall make pen and ink changes to the STS and Bases discussed during the meeting to reflect all revision authorized by the NRC Lead Engineer or his representative during the meeting.

Estimated completion date: On-going throughout the life of the contract.

#### Task 2: Preparation of Drafts and Revision 0 of the New STS and Bases

Working principally from pen and ink changes to drafts of the STS and Bases which will be furnished by the NRC Lead Engineer or prepared by contract



technical editors as a result of the Task 1 meetings, the contractor shall prepare revised STS pages. Additionally, there are about 30 graphic pages per set of new STS. The contractor shall incorporate the revisions using WordPerfect 5.1 in accordance with the STS style and format developed by the NRC and the Owners Groups. The contractor shall prepare both hard copies and WordPerfect 5.1 magnetic media versions (original and backup copies) of each file processed under this task. Following word processing, all revisions shall be checked for accuracy and completeness by the contract technical editors.

The work products to be delivered under this task include about 800 -1000 STS pages each week (camera-ready hard copies and original and backup WordPerfect 5.1 magnetic media versions). A total of approximately 70,000 pages will be delivered under this task. Interim revisions between deliveries could increase this effective production level of 2500 - 3500 pages each week, for a total of approximately 200,000 - 250,000 pages processed over the life of the contract.

Estimated completion date: September 30, 1992

#### Task 3: Review of New STS "Writer's Guide"

The contractor shall review the "Writer's Guide" prepared by the Owners Groups with input from the NRC. The "Writer's Guide" provides style and format guidance for plants converting to the new STS in preparing their converted Technical Specifications. The contractor shall review the guide and identify differences between the guide and the proof-and-review version of the new STS. The contractor will also review the guide for adherence to general editorial practice.

Estimated completion date: September 30, 1992

#### Task 4: Maintenance of a Document Control System

The contractor shall maintain the dBase IV personal computer based document control system provided by the NRC. It is anticipated that each of the five sets of the new STS will consist of about 8 - 10 MB of computer memory on 6 - 7 3½-inch high density diskettes or on a single high capacity hard disk. The five sets of STS will consist of about 45 - 50 MB of memory on about 30 - 35 high density diskettes or on a single high capacity hard disk. Allowing for backup copies of all text files processed under this contract, including drafts, the proof-and-review version, and Revision 0, it is expected that the number of files and magnetic media storage requirements will be multiplied by about a factor of ten.

Estimated completion date: On-going throughout the life of the contract

#### Task 5: "Key Word" and "Key Phrase" Data Base

The contractor shall develop and implement a personal computer based "key word" and "key phrase" searchable integrated data base system and a text comparison utility for all Standard Technical Specifications based on initial concepts provided by the NRC. A working model of the system, loaded with data, shall be in place within two months of contract award.

The contractor shall load all of the comments received on the draft new STS, issued in January 1991 into the data base. In addition, once all comments are resolved, the contractor shall load the NRC staff's resolution of the comments into the data base.

The contractor shall perform searches of the data base at the request of the NRC Lead Engineer. Upon request, the contractor shall prepare a search report identifying the locations of the information in the search request.

Prior to completion of the contract, the contractor shall turn over the data base to NRR's OTSE and train OTSB on the use of the data base.

Estimated completion date: December 31, 1992

#### C.1.6 MEETINGS AND TRAVEL

The following meetings are anticipated under this contract:

- a. Up to 100 six-hour meetings at NRC Headquarters, Owners Group offices, or the contractor's office in Rockville, Maryland in accordance with Task 1. The contractor shall provide up to two people for each meeting.

Daily, one-person, one-hour meetings with the NRC Lead Engineer and the contract Project Manager for project interface and coordination.

Daily meetings to receive and deliver work.

The contractor shall coordinate all meeting arrangements in advance with the NRC Lead Engineer.

- b. Up to four trips each year to industry Owners Group sites, as directed, to discuss format and style guidelines to be used in the publication of the new STS. The contractor shall provide one person for each meeting.

One-person, one-week trips, four times a year to participate in meetings with the NRC Lead Engineer and Industry Owners Groups representatives.

The contractor shall take these trips at the direction of and with the prior approval of the NRR Technical Monitor.

#### C.1.7 PERSONNEL QUALIFICATIONS

Personnel with the following qualifications will be required to support the tasks as delineated in this Statement of Work:

A working knowledge of the use of Technical Specifications in commercial nuclear power reactor operations.

Proficiency in large data base management using dBase IV.

Proficiency in document control of large numbers of computerized files and experience with the requirements of 10 CFR Part 50, Appendix B, Criteria II, VI, and XVII, as applied to documents stored on electronic media.

A knowledge of the use of Technical Specifications terms in commercial nuclear power reactor operations to facilitate understanding of discussions and interpretations of agreements reached during technical meetings, development of marked up STS during those meetings, and timely and correct products.

Proficiency in WordPerfect 5.1 with emphasis on tables, use of comparative text (redline and strikeout), and familiarity with other special formatting features such as line drawing.

I. NOTIFICATION OF EMPLOYEE RIGHTS CONCERNING PAYMENT OF UNION DUES OR FEES (May 1992) (FAR 52.222-18)

(a) During the term of this contract, the Contractor agrees to post a notice, of such size and in such form as the Secretary of Labor may prescribe, in conspicuous places in and about its plants and offices, including all places where notices to employees are customarily posted. The notice shall include the following information (except that the last sentence shall not be included in notices posted in the plants or offices of carriers subject to the Railway Labor Act, as amended (45 U.S.C. 151-188)):

Notice to Employees

Under Federal law, employees cannot be required to join a union or maintain membership in a union in order to retain their jobs. Under certain conditions, the law permits a union and an employer to enter into a union-security agreement requiring employees to pay uniform periodic dues and initiation fees. However, employees who are not union members can object to the use of their payments for certain purposes and can only be required to pay their share of union costs relating to collective bargaining, contract administration, and grievance adjustment.

If you believe that you have been required to pay dues or fees used in part to support activities not related to collective bargaining, contract administration, or grievance adjustment, you may be entitled to a refund and to an appropriate reduction in future payments.

For further information concerning your rights, you may wish to contact either a Regional Office of the National Labor Relations Board or: National Labor Relations Board, Division of Information, 1717 Pennsylvania Avenue, NW., Washington, DC 20570.

(b) The Contractor will comply with all provisions of Executive Order 12800 of April 13, 1992, and related rules, regulations, and orders of the Secretary of Labor.

(c) In the event that the Contractor does not comply with any of the requirements set forth in paragraphs (a) or (b) of this clause, this contract may be cancelled, terminated, or suspended in whole or in part, and the Contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in or adopted pursuant to Executive Order 12800 of April 13, 1992. Such other sanctions or remedies may be imposed as are provided in Executive Order 12800 of April 13, 1992, or by rule, regulation, or order of the Secretary of Labor, or as are otherwise provided by law.

(d) The Contractor will include the provisions of paragraphs (a) through (c) in every subcontract or purchase order entered into in connection with this contract unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 3 of Executive



Order 12800 of April 13, 1992, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any such subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions, including the imposition of sanctions for noncompliance; provided, however, that if the Contractor becomes involved in litigation with a subcontractor or vendor, or is threatened with such involvement, as a result of such direction, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.