AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
Ten (10)		AED-87-420 dtd 9/12/89	

6. ISSUED BY	CODE		7. ADMINISTERED BY (If other than Item 6)	CODE

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

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

EI International, Inc.
P.O. Box 736
One Energy Drive
Idaho Falls, ID 83402

(√)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ORDER NO.
X	NRC-26-87-420
	10B. DATED (SEE ITEM 13) 9/30/87

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 Item 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)

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

(√)	
X	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. FAR Clause 52.243-2
	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:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return __2__ 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 revise an attachment to the contract and to decrease the ceiling by $4,227.05. Therefore, the contract is modified as follows:

1. Section J - Attachment 4(b) is deleted and replaced with the attached new Attachment 4(b) entitled, "ERDS Implementation Requirements - Revision 3."

2. SF 26 Block 15G, Total Amount of Contract, is changed from $2,828,628.21" to "2,824,401.16."

(Cont'd)

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NRC-26-87-420   PDC

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)
CLAUDIA F. CLOUD CONTRACT ADMINISTRATOR	Paul J. Edgeworth
15B. CONTRACTOR/OFFEROR *Claudia F. Cloud*	15C. DATE SIGNED 11-6-89	16B. UNITED STATES OF AMERICA *Sharon Bell*	16C. DATE SIGNED 10/2/89

STANDARD FORM 30

3. Paragraph B.2, Consideration and Obligation, subparagraph a is revised to read:

"a. It is estimated that the total cost to the Government for full performance of this contract will be $2,824,401.16, of which the sum of $2,645,080.28 represents the estimated reimbursable costs, and of which $179,320.88 represents the fixed fee."

All other terms and conditions remain the same.

Revised ERDS Implementation Requirements Revision 3

o   The ERDS will include local printing capability at the work stations in
      the Reactor Safety Team, Protective Measures Team, and Operations Officer
      areas and one addressable high resolution color graphics printer.

o   ERDS Bill:

      All selected hardware must be capable of incorporating the following new
      requirements of the ERDS legislation. However, since the ERDS bill
      has not yet been passed no other hardware that is only required to support
      these modifications is to be procured at this time and no new software
      requirements are imposed as yet.

      oo   A 24-hour record of the ERDS data will be maintained at the site
            which will be transmitted to the NRC when the live transmission of
            ERDS data is initiated. The exact method by which this requirement
            will be implemented is not specified.

      oo   The system will be activated at the Notification of Unusual Event
            emergency classification level rather than the Alert level as
            currently planned. This presents much greater potential for
            concurrent events as NOUEs occur approximately 250 times a year
            whereas, Alerts occur about 9 times a year. This operational
            concept change would require that the system be capable of
            receiving data from up to 4 sites at one time and store and
            process the data from all 4 sites simultaneously for display to
            users. The current concept allows for multiple sites feeding
            at one time but only one selected data stream will be stored and
            processed for display at a time. This would also increase user
            demand with a possible doubling of Headquarters terminals and a
            quadrupling of regional and state access.

o   The Technical Training Center has been added as a remote user. The TTC ERDS
      workstation shall have the capability to function as a RETACT workstation.
o   Color displays are equally acceptable as monochrome, however, if color
      is used, any impact on printing must be considered and the black and
      white print function must be capable of conveying all the information
      contained on the color display.

o   The requirement contained in the Requirements Analysis Report which
      required the data points be displayed with their associated "parent"
      parameter need not be strictly adhered to.

o   The requirement to provide the delta between the feeder computer time
      and the ERDS computer time is deleted. Displays should provide the time
      of the data as provided by the licensee and the current Operations Center
      time separately.

o   The hardware selected should be capable of supporting graphic P&ID type
      displays although the development of such displays is not part of the
      current contract.

o   No "coarsening" of on line data will be done. The users will be advised at regular intervals to store the received data and if no data storage has been done the system will lock up after the equivalent of 144 hours of maximum data updates have been received.

o   The pressure versus temperature plot will display a fixed subcooling margin line as well as the saturation curve.

o   The requirement for the time correction factor is deleted.