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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE RFPA Rec'd 09/01/99 PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO. 12
3. EFFECTIVE DATE See Block 16c
4. REQUISITION/PURCHASE REQ. NO. AED-96-261 Dated: 08/30/99
5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Nuclear Regulatory Commission
7. ADMINISTERED BY (If other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
Sonalysts, Inc.
Attn: Laveria Sanders
Ph# (203) 442-4355
215 Parkway North
Waterford CT 06385
9A. AMENDMENT OF SOLICITATION NO.
9B. DATED (SEE ITEM 11)
10A. MODIFICATION OF CONTRACT/ORDER NO. Con# NRC-26-96-261
10B. DATED (SEE ITEM 13) 08-28-1996

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 of 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) N/A

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.
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) Unilateral Modification
Contract Clause C.3.3 - Future Requirements

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

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

See the attached pages.

15A. NAME AND TITLE OF SIGNER (Type or print)
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)
15C. DATE SIGNED
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sharon D. Stewart, Contracting Officer
16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)
16C. DATE SIGNED 12/15/99

PDR CONTR NRC-26-96-261

DF02

The purpose of this modification is to update the course materials for the Welding and NDE Overview Course in accordance with Contract Clause C.3.3, entitled, "Future Requirements (Specialized Course Development)," the attached Statement of Work, and the Contractor's Technical Proposal dated, October 29, 1999, which is made a part hereof. As a result of this action, Contract Clause B.3, entitled, "Items and Prices," is hereby revised to incorporate CLIN 0025B which allows for the update to the Welding and NDE Overview Course (CLIN 0023). The negotiated amount of \$17,343.00 to update the course materials will not increase the contract ceiling amount as, the costs for such services, were accounted for under the estimated amount of \$54,564.00 under CLIN 0025 of the contract.

Accordingly, the contract is hereby revised as follows:

Under Contract Clause B.3, Items and Prices, Option Year 2 is deleted in its entirety and substituted in lieu thereof the following:

"B.3 ITEMS AND PRICES

ITEM	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE
<u>"Option 2 - Year Four</u>				
0020	Power Plant Engineering Course	1	ea	\$60,795
0021	Nondestructive Student Examination (NDE Technology and Codes Course	1	ea	\$21,733
0022	Eddy Current Course	1	ea	\$19,165
0023	Welding and NDE Overview Course	1	ea	\$12,922
0024	Field Techniques Course	1	ea	\$35,712

0025	Specialized Course Development and Presentation (C.3.3.) and CFR Self-Study Quizzes	1	ea	CEILING \$54,565
0025A	2000 CFR Self-Study Quiz Update (Firm-Fixed Price \$32,730 - Price Includes Material Costs of \$471)			
0025B	Welding and NDE Overview Course Update (Firm-Fixed Price \$17,373 - Price Includes Material Costs of \$789)			
	Professional	(600 estimated hrs)		
	Oversight	\$80.00	hr @ 42 hours	
	Technical	\$72.48	hr @ 550 hours	
	Consultant	\$39.44	hr @ 8 hours	
	Non-Professional	(300 estimated hrs)		
	Clerical	\$35.15	hr @ 250 hours	
	Technical	\$44.18	hr @ 50 hours	

TOTAL OPTION YEAR 2: \$204,892.00"

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

Total FY 96 Obligations -----	\$160,012.00
Total FY 97 Obligations -----	\$252,218.00
Total FY 98 Obligations -----	\$110,746.00
Total FY 99 Obligations -----	\$113,000.00

Cumulative Total of NRC Obligations: \$635,976.00

There is no funding activity for this contract modification.

All other terms and conditions under this contract, including the ceiling amount of \$1,030,206.00 unchanged.

**Statement of Work -
Update of Welding and NDE Overview Course Manuals**

1. BACKGROUND:

The Nuclear Regulatory Commission (NRC) has established a training program to support the training of NRC inspector personnel. As part of this program, individuals become familiar with the technology of Welding and Non-Destructive Examination. To support this requirement, the Welding and NDE Overview Course was developed under Contract No. NRC-26-96-261 and last reviewed and updated in 1996 under CLIN 0001 to the 1989 edition of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code).

2. OBJECTIVE:

The objective of this procurement is to update the course material to the current industry standard which is the 1998 version of the ASME Code.

3. SCOPE OF WORK:

The Contractor shall review and update as necessary the Welding and NDE Overview course, both student and instructor manuals, to ensure that it reflects the latest version of the Code to include newer technology, current ASME Code sections and other program requirements. The contractor shall revise the current student and instructor manuals to be consistent with the most recent course outline (See the attached).

4. TECHNICAL SKILLS REQUIRED:

The contractor shall provide resumes of all personnel selected to work on the project unless provided previously. Specific skills required include familiarity with applicable ASME Code, experience with developing student and instructor manuals.

5. MEETINGS:

No meetings are anticipated.

6. TRAVEL:

None.

7. REPORTING REQUIREMENTS/DELIVERABLES:

(a) Milestones

1. within 6 weeks from the effective date of the delivery order, the Contractor shall provide a draft copy of the update to the student and instructor manuals to the NRC Project Officer for review.
2. within 2 weeks from receipt of the draft copy of the student and instructor manuals, the NRC Project Officer will provide written comments and/or acceptance of the draft material.
3. within 2 weeks from receipt of the NRC Project Officer's written comments and or/acceptance of the draft material, the Contractor shall if necessary, make any corrections, incorporate them into the final hard copy, and submit to the NRC Project Officer.
4. within 2 weeks of the NRC Project Officer's receipt of the final hard copy, the Contractor shall provide a final copy of the student and instructor manuals on three and a half inch diskettes in WordPerfect 8 format to the NRC Project Officer.

(b) Reporting requirements

The contractor shall submit status reports in accordance with Section F.3 of the contract.

8. GOVERNMENT FURNISHED MATERIALS:

- (a) Existing Student and Instructor manuals previously furnished.
- (b) One (1) copy of WordPerfect Version 8.0 Software

9. CONTRACTOR ACQUIRED MATERIALS:

- (a) Twelve (12) copies of American Standard for Nondestructive Testing (ANSI) Publication - SNT-TC-1A, entitled, "Recommended Practice."
- (b) Twelve (12) copies of American Standard for Nondestructive Testing (ANST) Publication - CP-189, entitled, "Standard for Qualification and Certification of Nondestructive Testing Personnel."

10. ORDERING PROCEDURES:

Issuance of delivery orders for course development shall be accomplished in accordance with Section G.2, Paragraph C of the contract.

11. KEY PERSONNEL:

- (a) Eugene Livingston
- (b) Tim Guilfoil

12. PERIOD OF PERFORMANCE:

The period of performance will be 12 weeks from the effective date of the delivery order.