

|   |                                |  |   |                   |
|---|--------------------------------|--|---|-------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |                                |  | 1. CONTRACT ID CODE<br>NRC-04-97-047          | PAGE 1 OF PAGES 2 |
| 2. AMENDMENT/MODIFICATION NO.<br>9  | 3. EFFECTIVE DATE<br>11-6-2000 | 4. REQUISITION/PURCHASE REQ. NO.<br>RES-97-047 | 5. PROJECT NO. (If applicable)<br>RES-C01-002 |                   |
| 6. ISSUED BY<br>U.S. Nuclear Regulatory Commission<br>Division of Contracts and Property Mgt.<br>Attn: T-7-I-2<br>Contract Management Branch 1<br>Washington DC 20555 |                                | 7. ADMINISTERED BY (If other than Item 6)      |   |                   |

|  |               |   |
|--|---------------|---|
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>Performance, Safety & Health Assoc, Inc.<br>Attn: Dr. Valerie Barnes<br>Post Office Box 20<br>129 Harris Avenue<br>Boalsburg PA 16827 | (X)           | 9A. AMENDMENT OF SOLICITATION NO.                                     |
|  |               | 9B. DATED (SEE ITEM 11)   |
|  |               | 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>Con# NRC-04-97-047<br>SBA# |
|  | X             | 10B. DATED (SEE ITEM 13)<br>06-23-1997                                |
| 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 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) 31X0200 16015110105 W6528 252A \$30,000

**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). |
| X   | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 52.243-2 Alt I - Changes Cost Reimbursement   |
|     | 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.)  
Please see the attached page.

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)<br>Valerie Barnes, President | 15B. CONTRACTOR/OFFEROR<br>Valerie Barnes<br>(Signature of person authorized to sign) | 15C. DATE SIGNED<br>11-9-00 | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Stephen M. Pool<br>Contracting Officer | 16B. UNITED STATES OF AMERICA<br>BY Stephen M. Pool<br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br>11-06-2000 |
|--|---|-----------------------------|--|---|--------------------------------|

ADM-001

ADM02

## CONTINUATION PAGE

The purpose of this contract modification is (1) to incorporate a within scope change to the contract SOW to complete this contract work, (2) to adjust the contract estimated cost and fee (3) (3) extend the period of performance through April 30, 2001 and (4) to allot \$30,000 in incremental funds to this contract. Accordingly, the contract is modified as follows:

1. The attached SOW for modification no. 9 to this contract is hereby incorporated into and made a part of Section C of this contract.

2. As a result, the contract estimated cost is increased by \$101,742.68 from \$479,516.32 to \$581,259. The fixed fee is increased by \$8,760.65 from \$41,296.35 to \$50,057. \$30,000 in incremental funds is hereby allotted to this contract. In addition, paragraphs (a), (c), and (d) of Section B.4 of the contract are replaced with the following paragraphs for Section B.4:

"(a) The total estimated cost to the Government for full performance of this contract is \$631,316, of which the sum of \$581,259 represents the estimated reimbursable costs and of which \$50,057 represents the fixed fee.

(c) The amount currently obligated by the Government with respect to this contract is \$550,812.67 of which the sum of \$507,114.50 represents funds for the estimated cost and 43,698.17 represents funds for the fixed fee.

(d) It is estimated that the amount currently allotted will cover performance through 12/31/00."

3. Section F.6 is replaced with following Section F.6:

#### F.6 DURATION OF CONTRACT

This contract will commence on 6/23/97 and will expire on 4/23/01.

4. A summary of obligations is set forth below:

|       |              |
|-------|--------------|
| FY 97 | \$126,652.27 |
| FY 98 | \$ 93,921.49 |
| FY 99 | \$234,355.27 |
| FY 00 | \$ 65,883.64 |
| FY 01 | \$ 30,000.00 |
| Total | \$550,812.67 |

## Statement of Work

Modify the Tasks as follows:

**Task 13.1** Revise the introduction to discuss the use of the HPEP in baseline inspections as well as for the annual inspection of the Problem Identification and Resolution (PI&R) program. Refocus the HPEP from supporting review of a licensee's response to an individual event to a process for evaluating multiple human performance problems. Instead of including a new section for trending human performance problems in multiple incidents, the approach should focus on the review and evaluation of a sample of human performance problems in the licensee's corrective action program.

**Task 13.2** Provide guidance to assist the inspectors to: (1) assess whether the licensee accurately identified and characterized the human performance component in licensee problem identification reports, (2) verify that appropriate analysis of the cause of the problem has been performed by the licensee, (3) identify the extent to which the licensee identified potential precursors to the human performance problem, (4) develop insights into the licensee's performance in the PI & R area including a comparison of the licensee's results with the inspectors results.

**Task 14.3:** Instead of using the RIWMS or another specific risk screening tool in the HPEP, reformat the HPEP to be used with any risk screening tool that is selected by the user.

Completion dates of Tasks 11–15 are extended to January 30, 2001.

Completion dates of Tasks 16–18 are extended to April 30, 2001.

Work on the revised tasks and completion of the remaining tasks in Modification 6 is estimated to require a total of 1,070 hours in a 6 month period of performance.