

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO.

1. CONTRACT ID CODE

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2. AMENDMENT/MODIFICATION NO. M005

3. EFFECTIVE DATE See Block 15C.

4. REQUISITION/PURCHASE REQ. NO. RES-06-071

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 3100

7. ADMINISTERED BY (If other than Item 6) CODE 3100

U.S. Nuclear Regulatory Commission
Div. of Contracts
Attn: Mr. Michael Mills
Mail Stop T-7-I-2
Washington, DC 20555

U.S. Nuclear Regulatory Commission
Div. of Contracts
Mail Stop T-7-I-2
Attn: Michael Mills
Washington, DC 20555

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

INFORMATION SYSTEMS LABORATORIES, INC
ISL
ATTN: DR. JAMES F. MEYER
11140 ROCKVILLE PIKE, SUITE 500
ROCKVILLE MD 20852

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
GS23F0060L DR-04-06-071

10B. DATED (SEE ITEM 13)

07-31-2006

CODE 107928806

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 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.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

86015171277 N6310 252A FFS:RES-C08-149
31X0200.860 Obligate: \$94,000.00

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) Bilateral Agreement

E. IMPORTANT: Contractor is not, [X] 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.)

Refer to page 2 for a description of this modification.

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)

Bruce R. Medowca V.P.

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Stephen M. Pool Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

5/28/06

16B. UNITED STATES OF AMERICA

BY

(Signature of Contracting Officer)

16C. DATE SIGNED

5/22/06

Per the Contracting Officer's verbal authorization on 4/28/08, the purpose of this bilateral modification is to: (1) incorporate the attached statement of work for a within-scope change (2) extend the period of performance through 8/31/08, (3) increase the obligated amount by \$94,000.00 and, (4) increase the delivery order ceiling amount by \$99,141.00. Accordingly, the delivery order is modified as follows:

- (1) "The attached modification to the statement of work (Attachment A) is hereby incorporated as part of this delivery order;
- (2) Change the period of performance from 7/31/06 through 4/30/08 to 7/31/06 through 8/31/08;
- (3) The obligated amount under this delivery order is increased by \$94,000.00, from \$684,961.02 to \$778,961.02 and,
- (4) The ceiling amount under this delivery order is increased by ~~\$99,141.00~~, from \$684,961.02 to \$784,102.02."

\$99,141.00 RM 5/26/08

All other terms and conditions remain unchanged.

A summary of obligations for this delivery order from the date of award through this action is provided below.

Total FY 2006 obligation amount:	\$400,000.00
Total FY 2007 obligation amount:	\$284,961.02
Total FY 2008 obligation amount:	\$ 94,000.00

Cumulative Total of NRC Obligations: \$778,961.02

Fixed Ceiling Price: \$\$784,102.02

Attachment A

**Within Scope Change to the Statement of Work Under DR-04-06-071**

TITLE: TRACE Applicability for ESBWR LOCAs

- 1) Extend the period of performance through August 31, 2008.
- 2) The following modifications are made to Section B of the delivery order, entitled "Statement of Work"

- a) Section III. Scope of Work, Task 11 entitled "Provide Technical Support to NRC," is modified as follows:

Prepare supporting materials and attend an ACRS Subcommittee meeting covering confirmatory ESBWR LOCA analyses. Participation will relate to the justification of the use of the TRACE code for performing this type of analysis, as laid out in the products developed under Tasks 1-10 and Tasks 12-13 of this contract.

Estimated level of efforts: 380 labor-hours.

- b) Section III. Scope of Work, Task 13 entitled "Develop NUREG Report Including Assessment and Closure Model Updates" is incorporated:

Using the Task 10 deliverable as a starting point, develop a version of the report that conforms to the standards set forth for NUREG-series reports, and provide to the NRC project manager for subsequent publication. Note that like the contractor report, the NUREG manuscript will be designated as Proprietary Information.

Incorporate updates to (a) the PUMA assessments (primarily the GDLB assessment break size issue) and (b) the closure model review that have arisen subsequent to completion of Tasks 3 and 6.

Estimated level of efforts: 500 labor-hours

Estimated completion date: 24 months after contract initiation (August 31, 2008)

- c) Section VI. "Meetings and Travel Requirements" is modified as follows:

The contractor should plan to attend four NRC meetings in Rockville, Maryland. For planning purposes, the meeting will be attended by two people for a duration of one day.