

2. AMENDMENT/MODIFICATION NO. M002	3. EFFECTIVE DATE See Block 15c.	4. REQUISITION/PURCHASE REQ. NO. NRC-03-03-038 T16	5. PROJECT NO (If applicable)
6. ISSUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Jeffrey R. Mitchell, 301-415-6465 Mail Stop T-7-I-2 Washington, DC 20555	CODE 3100	7. ADMINISTERED BY (If other than Item 6) U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop T-7-I-2 Washington, DC 20555	CODE 3100

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INFORMATION SYSTEMS LABORATORIES, INC ATTN: DR. JAMES F. MEYER 11140 ROCKVILLE PIKE, SUITE 500 ROCKVILLE MD 20852 CODE 107928806 FACILITY CODE	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-03-03-038 T016
	X	10B. DATED (SEE ITEM 13) 07-25-2005

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. 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) 620-15-113-105 J-3209 252A 31x0200.620
Obligate \$51,997.00

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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Bilateral, Mutual Agreement of the Parties
	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)
REFER TO ATTACHED PAGE TWO FOR A DESCRIPTION OF MODIFICATION NO. TWO.....

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) James E. Meyer V.P.	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Donald A. King Contracting Officer
15B. CONTRACTOR/OFFEROR <i>[Signature]</i> (Signature of person authorized to sign)	15C. DATE SIGNED 5/3/06
16B. UNITED STATES OF AMERICA BY <i>[Signature]</i> (Signature of Contracting Officer)	16C. DATE SIGNED 5/1/06

The purpose of this modification to (1) confirm verbal authorization given on March 17, 2006 to continue work under this task with a temporary ceiling of \$20,000.00, (2) Add a new task no. 4, (3) Increase the level of effort required for performance under this task as additional information was received from General Electric, which was not foreseen at the start of this Task Order, (4) Extend the period of performance from May 31, 2006 to November 20, 2006, (5) Increase the Task Order ceiling by \$51,997.00 from \$94,728.00 to \$146,725.00 and (6) Incrementally fund this order in the amount of \$51,997.00 from \$94,728.00 to \$146,725.00. Accordingly the task order is modified as follows:

Refer to the attached Statement of Work entitled "Task Order 16 Modification No. 2" for a description of Task 4 requirements.

Refer to Page 2 of 2 under the base Task Order 16, paragraph 2 is hereby deleted and replaced with the following:

"Task Order No. 016 shall be in effect from July 25, 2006 through November 20, 2006, with a cost ceiling of \$146,725.00. The amount of \$136,047.00 represents the estimated reimbursable costs, and the amount of \$10,678.00 represents the fixed fee."

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

Total FY05 Obligation Amount:	\$94,728.00
Total FY06 Obligation Amount:	\$51,997.00
Cumulative Total of NRC Obligations	\$146,725.00

This modification obligates FY06 funds in the amount of \$51,997.00.

All other terms and conditions remain the unchanged.

Attachment

**NRC-03-03-038
Task Order 16 Modification No. 2
Statement of Work**

Title: Technical Support for TRACG ESBWR AOO, Stability, and ATWS Licensing Topical Report Reviews

BACKGROUND INFORMATION AND NEED FOR THE MODIFICATION

This Task Order was put in place to review three General Electric (GE) licensing topical reports (LTR) which described the TRACG code and methodology for ESBWR stability analysis, AOO analysis and ATWS analysis. The review of the stability LTR has been completed by the staff and its contractors. There was an ACRS Thermal Hydraulics Sub-Committee on January 19, 2006 on this issue. As a result of this meeting, the ACRS requested additional information to address the issue and another ACRS Thermal Hydraulics Sub-Committee meeting which is now scheduled for March 14, 2006. The current SOW has estimates for up to 3 trips, however the level of effort needs to increase for the contractor to address the ACRS concerns.

CHANGE: the TAC Number from MC3288 to MC8381 for all work associated with this task order.

WORK REQUIREMENTS AND SCHEDULE:

Tasks

Completion Schedule

ADD: Task 4, as follows:

4. Prepare for and attend an additional ACRS subcommittee meeting scheduled for March 14, 2006, on GE's topical report for TRACG's applicability to ESBWR stability.
 - a. Prepare slides consisting of a summary of the evaluation of the GE assessment cases to address ACRS concerns. This should include but not be limited to GE's assessment using TRACG of the SIRIUS test data, Peach Bottom, CRIEPI, etc.

(1) Draft.

One week prior to the ACRS Subcommittee meeting.

(2) Incorporate NRC comments and prepare the final slides.

Two days after receipt of NRC comments.

b. Attend the meeting and prepare a trip report.

One week after the meeting.

DELIVERABLES

Technical Reporting Requirements

NOTE: All reports to be submitted to the Technical Monitor with a copy provided to the Project Manager. This report will be transmitted electronically and will be prepared in WordPerfect 10.0 or compatible format. The transmittal letter and cover page shall contain the job code number (JCN) and title, and NRC technical assignment control (TAC) number(s).

TAC Number MC8381

Job Code JCN J-3209

ADD: the following items:

4. At the completion of Subtasks 4. a. (1) and (2), submit a technical letter report, draft and final as appropriate, that contains the slides ready for presentation at the ACRS meetings, as described under the Work Requirements section.
5. At the completion of Subtask 4.b., submit a trip report that contains a brief summary of the highlights of the meetings, key issues discussed and any follow-on actions required as a result of the meeting.

MEETINGS AND TRAVEL:

ADD: One, one-person, one-day trip to NRC Headquarters in Rockville, Maryland.

OTHER APPLICABLE INFORMATION

Assumptions and Understandings

The level of effort assumption is based on three days to review the material and prepare the slides and two days to travel to attend the meeting and prepare a trip report.