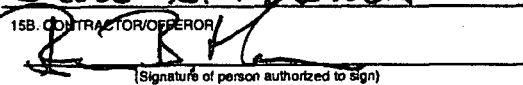



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		BPA NO.	1. CONTRACT ID CODE	PAGE 1	OF 1
2. AMENDMENT/MODIFICATION NO. M003		3. EFFECTIVE DATE See Block 16(c)	4. REQUISITION/PURCHASE REQ. NO. RES-C10-543	5. PROJECT NO.(If applicable)	
6. ISSUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: William Adams (301)492-3641 Mail Stop: TWB-01-B10M Washington, DC 20555		CODE 3100	7. ADMINISTERED BY (If other than Item 6) U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop: TWB-01-B10M Washington, DC 20555		CODE 3100
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  INFORMATION SYSTEMS LABORATORIES, INC.  11140 ROCKVILLE PK STE 500 ROCKVILLE MD 208523116  CODE 150135445 FACILITY CODE			(X)		
			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-04-07-113 NRC-T002		
			10B. DATED (SEE ITEM 13) 02-27-2008		
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> 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) N/A					
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>					
(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: Mutual Agreement of the Parties					
X D. OTHER (Specify type of modification and authority)					
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The following changes are hereby incorporated into Task Order No. NRC-T002: See Page 2. for this modification.  All other terms and conditions of Task Order No. NRC-T002 hereby remain unchanged and in full force and effect.  Period of Performance: 2/27/08 - 12/31/11 (changed) Order Obligation: \$288,911.00 (unchanged) Order Ceiling: \$389,166.00 (changed)					
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) <b>BRUCE B. MROWCA</b> V.P.		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sharlene McCubbin Contracting Officer			
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED 9/8/2010		16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	
				16C. DATE SIGNED 9/8/2010	

NSN 7540-01-152-8070  
PREVIOUS EDITION NOT USABLE

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA - FAR (48 CFR) 53.243

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

SEP 10 2010

ADM001

The purpose of this modification is to (1) to incorporate the attached modification to the task order Statement of Work and accept ISL's revised proposal dated August 12, 2010, (2) increase the contract ceiling by \$100,255.00 from \$288,911.00 to \$389,166.00, (3) revise the period of performance through December 31, 2011.

Accordingly, the subject task order is modified as follows:

Task Order No. 2 shall be in effect from February 27, 2008 through December 31, 2011 with a cost ceiling of \$389,166.00. The amount of \$369,108.00 represents the estimated reimbursable costs, and the amount of \$20,058.00 represents the fixed fee.

The amount obligated by the Government with respect to this task order remains unchanged at \$289,911.00

A summary of NRC obligations and Cost Recovery Funds under this contract, from date of the award through this modification, is given below:

Total FY 07 obligations	\$289,911 (transferred from basic contract.
Cumulative Total of NRC Obligations:	\$289,911

All other terms and conditions remain unchanged.

MODIFICATION TO THE STATEMENT OF WORK  
NRC Regulatory Guide Revision Contracts  
Task Order No.2

This modification to the Statement of Work for Task Order 2 deletes the work associated with developing the technical basis for Regulatory Guide 3.17 and adds additional scope for developing the technical basis for Regulatory Guides 1.12 and 1.122, as discussed below. All other tasks, requirements, and text remain in full force, only the revised portions are provided below.

Revised Task 2 Technical Basis Report

Numerical Analysis Using time-domain soil-structure interface (SSI) modeling, the technical staff shall perform analyses to assess appropriate distances between structural foundation and seismic instrumentation to reasonably assure that free field conditions are met. Proposed SSI modeling software must be approved by NRC Staff. The analyses shall use a simple single-degree-of-freedom (SDOF) structural system with appropriate foundation dimensions (e.g. area and depth of embedment) and weights for each of the three proposed new NPP designs (AP-1000, EPR, and ESBWR). The overall structural behavior shall be similar to the first mode behavior of a typical nuclear power plant. Two loading levels consistent with safe shutdown earthquake ground profiles should be considered. A minimum of 7 times histories shall be used for each combination of loading level (2 cases) and soil profile (3 cases) for each of the three reactor designs. A program with all of the above generic parameters should be developed in consultation with NRC staff for each of the three proposed designs. The final proposed program must be approved by the NRC technical staff before the contractor proceeds with the SSI modeling. The results of the SSI analysis will be summarized in a Technical Report submitted to NRC.

The results of numerical analyses should be completed by October 31, 2010.

Technical Bases

The contractor shall review the existing Regulatory Guide 1.12, the recent updates to the Standard Review Plan, relevant NRC Staff Position Papers, regulatory issues, Operational issues, and the state of the art and any existing or developing national standards (e.g., ANS 202) while considering the issues discussed at the kickoff meeting. Based on the review and discussions with NRC staff, and the results of the SSI modeling performed in the numerical analysis, the contractor shall recommend an approach for the technical basis to revise Regulatory Guide 1.12. The NRC will provide a timely review and concurrence on the approach recommendation. The NRC must concur or concur with comments before the contractor proceeds to develop the technical basis.

Delete Task 8-Technical Bases for Regulatory Guide 3.17

Delete Task 9-Support of Regulatory Guide 3.17 Revision

## DELIVERABLES

The contractor shall provide the following:

DELETE Milestones associated with Tasks 8 and 9.

Task Number	Document	Completion Date
2	NPP Free Field Seismic Analysis Report (includes assessment of 3 proposed NPP designs)	November 30, 2010
2	NPP Earthquake Instrumentation Technical Basis Report (includes interaction/integration with ANS 2.2	January 14, 2011
3	Revised NPP Earthquake Instrumentation Technical Basis Report	April 15, 2011
5	Floor Design Response Spectra Technical Basis Report (includes information from the Japanese facilities)	March 4, 2011
6	Revised Task 2 Technical Basis Report	July 31, 2011

### Period of Performance

The period of performance for this task order shall be from award of the order through December 31, 2011.

### Estimated Level of Effort

The estimated increase in the level of effort for this task order is 3.0 man-months.