

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES
			1 4
2. AMENDMENT/MODIFICATION NO. M0003	3. EFFECTIVE DATE 06/04/2014	4. REQUISITION/PURCHASE REQ. NO. RES-14-0363	5. PROJECT NO. (if applicable)
6. ISSUED BY US NRC - HQ ACQUISITION MANAGEMENT DIVISION MAIL STOP 3WFN-05-C64MP WASHINGTON DC 20555-0001	CODE NRCHQ	7. ADMINISTERED BY (if other than Item 6) US NRC - HQ ACQUISITION MANAGEMENT DIVISION MAIL STOP 3WFN-05-C64MP ATTN LISA KAUFFMAN WASHINGTON DC 20555-0001	CODE NRCHQ
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  INNOVATIVE ENGINEERING AND SAFETY SOLUTIONS INC 702 RUSSELL AVENUE SUITE 410 GAITHERSBURG MD 208772615		(x) 9A. AMENDMENT OF SOLICITATION NO.	
		9B. DATED (SEE ITEM 11)	
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-HQ-13-P-04-0136	
		10B. DATED (SEE ITEM 13) 08/13/2013	
CODE 969386098	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 ACKNOWLEDGEMENT 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) Net Increase: \$44,418.00  
2014-X0200-FEEBASED-60-60D002-11-6-213-V6442-252A

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

<b>CHECK ONE</b>	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:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 Limitation of Funds

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 1 copies to the issuing office.

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

NRC-HQ-13-P-04-0136

The purpose of this modification is to (1) revise the scope of work and increase the first period estimated number of labor hours from 325 to 565; (2) increase the ceiling by \$44,400.00 from \$65,731.84 to \$110,131.84; (3) to revise the price schedule; and, (4) add funding in the amount of \$44,418.00, thereby increasing the obligated amount from \$65,713.84 to \$110,131.84.

See Page 3 for details.

Total Obligations: \$110,131.84 (changed)

Total Ceiling: \$110,131.84 (changed)

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) <b>MOHAMAD ALI AZARM, IESS, CEO</b>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) MONIQUE B. WILLIAMS	
15B. CONTRACTOR/OFFEROR <i>Mohamad Ali Azarm</i> (Signature of person authorized to sign)	15C. DATE SIGNED 6/4/2014	16B. UNITED STATES OF AMERICA <i>Monique B. Williams</i> (Signature of Contracting Officer)	16C. DATE SIGNED 6/4/2014

NSN 7540-01-152-8070  
Previous edition unusable

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

TEMPLATE - ADMIN

SUNSI REVIEW COMPLETE

JUN 06 2014

ADM002

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
NRC-HQ-13-P-04-0136/M0003

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NAME OF OFFEROR OR CONTRACTOR  
INNOVATIVE ENGINEERING AND SAFETY SOLUTIONS INC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Period of Performance: 8/13/2013 through 12/31/2014 (changed)</p> <p>All other terms and conditions remain unchanged.</p>				

The purpose of this modification is to (1) revise the scope of work and increase the first period estimated number of labor hours from 325 to 565; (2) increase the ceiling by \$44,400.00 from \$65,731.84 to \$110,131.84; (3) to revise the price schedule; and, (4) add funding in the amount of \$44,418.00, thereby increasing the obligated amount from \$65,713.84 to \$110,131.84.

Accordingly, the following changes have been made:

**1. A.1 PRICE SCHEDULE**

**Period 1: 8/13/13 – 8/12/14**

Employee	Labor category	Estimated number of hours	Fully Loaded Fixed rate [1 <sup>st</sup> year]	Estimated total
M. A. Azarm (PM)	Senior Scientist			
Mrs. Julia Azarm	Admin. Specialist 2			
Mr. Shaswat Koirala	Admin. Support			
Estimated Total Cost				\$106,189.00

**Period 2: 8/13/14 – 12/31/14**

Employee	Labor category	Estimated number of hours	Fully Loaded Fixed rate [1 <sup>st</sup> year]	Estimated total
M. A. Azarm (PM)	Senior Scientist			
Mrs. Julia Azarm	Admin. Specialist 2			
Mr. Shaswat Koirala	Admin. Support			
Estimated Total Cost				\$3,942.84

**Total Ceiling**

**\$110,131.84**

**2. A.3 CONSIDERATION AND OBLIGATION--DELIVERY ORDERS (AUG 2011)**

(a) The ceiling of this order for supplies is \$110,131.84.

(b) The amount presently obligated with respect to this order is \$110,131.84. The obligated amount shall, at no time, exceed the order ceiling as specified in paragraph (a) above. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, the Contractor shall not be obligated to continue performance of the work unless and

until the Contracting Officer shall increase the amount obligated with respect to this order, in accordance with FAR Part 43 - Modifications. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk and may not be reimbursed by the Government.

(c) The Contractor shall comply with the provisions of FAR 52.232-22 - Limitation of Funds, for incrementally-funded delivery orders or task orders.

**3. Section 1.5, Scope of Work, is modified below:**

**1.5 Scope of Work**

The contractor shall provide expert technical assistance services to assist and support NRC employees in addressing ACRS and NRR Comments on a report titled "Simplified Method for Assessing the Risk Associated with Consequential Steam Generator Tube Rupture Events" that was prepared by ISL of Rockville, Maryland under Contract No. GS23F0060L, Order NRC-HQ-11-P-04-0034.

**Tasks**

As directed by the Contracting Officer Representative (COR), address comments on report titled "Simplified Method for Assessing the Risk Associated with Consequential Steam Generator Tube Rupture Events," that was prepared by ISL of Rockville, Maryland under Contract No. GS23F0060L, Order NRC-HQ-11-P-04-0034. Also provide technical support for analyses and results described in this report during NRC technical meetings as determined by the COR (including, but not limited to, briefings of the ACRS).

Total Obligations: \$110,131.84 (changed)

Total Ceiling: \$110,131.84 (changed)

Period of Performance: 8/13/2013 – 12/31/2014 (changed)

All other terms and conditions remain unchanged.