

2. AMENDMENT/MODIFICATION NO. M0008  
 3. EFFECTIVE DATE See Block 16C  
 4. REQUISITION/PURCHASE REQ. NO. NRO-16-0059  
 5. PROJECT NO. (If applicable)  
 6. ISSUED BY CODE NRCHQ  
 7. ADMINISTERED BY (If other than Item 6) CODE NRCHQ  
 US NRC - HQ  
 ACQUISITION MANAGEMENT DIVISION  
 MAIL STOP TWFN-5E03  
 ATTN ROB ROBINSON 301-415-0728  
 WASHINGTON DC 20555-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 TAYLOR ENGINEERING INC  
 10151 DEERWOOD PARK BLVD STE 300  
 JACKSONVILLE FL 322565507  
 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO.  
 NRC-HQ-13-C-42-0051  
 10B. DATED (SEE ITEM 13)  
 09/09/2013  
 CODE 181561168 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: \$180,000.00  
 See Schedule

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

CHECK ONE  
 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)  
 X FAR 52.243-3 & FAR 52.232-22

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.)  
 The purpose of this modification is to A) modify the Statement of Work to include additional work within the scope of the contract; B) modify the Price/Cost Schedule; C) increase the total Contract Ceiling in the amount of \$278,050.00 (from \$2,826,160.00 to \$3,104,210.00); D) provide incremental funding in the amount of \$180,000.00, thus increasing the total obligated amount from \$2,599,000.00 to \$2,779,000.00; E) extend the period of performance end date from 9/14/2016 to 9/14/2018; and F) change the COR from Henry Jones to Michelle Bensi.

Period of Performance: 9/15/2013 - 9/14/2018 (changed)  
 Total Contract Ceiling: \$3,104,210.00 (changed)  
 Total Obligated Amount: \$2,779,000.00 (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) JAMES N. MARINO, P.E., D.CE President  
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) MARK THOMPSON  
 15B. CONTRACTOR/OFFEROR  
 15C. DATE SIGNED 2 Jun 16  
 16B. UNITED STATES OF AMERICA  
 16C. DATE SIGNED  
 (Signature of person authorized to sign) (Signature of Contracting Officer)

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   7
2. AMENDMENT/MODIFICATION NO. M0008	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. NRO-16-0059	5. PROJECT NO. (If applicable)
6. ISSUED BY US NRC - HQ ACQUISITION MANAGEMENT DIVISION MAIL STOP TWFN-5E03 ATTN ROB ROBINSON 301-415-0728 WASHINGTON DC 20555-0001	CODE NRCHQ	7. ADMINISTERED BY (If other than Item 6) US NRC - HQ ACQUISITION MANAGEMENT DIVISION MAIL STOP TWFN-5E03 WASHINGTON DC 20555-0001	CODE NRCHQ
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) TAYLOR ENGINEERING INC 10151 DEERWOOD PARK BLVD STE 300 JACKSONVILLE FL 322565507		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 181561168	FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-HQ-13-C-42-0051	10B. DATED (SEE ITEM 13) 09/09/2013

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12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Schedule Net Increase: \$180,000.00

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

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	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.243-3 & FAR 52.232-22

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

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Period of Performance: 9/15/2013 - 9/14/2018 (changed)  
Total Contract Ceiling: \$3,104,210.00 (changed)  
Total Obligated Amount: \$2,779,000.00 (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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) MARK THOMPSON	
15B. CONTRACTOR/OFFEROR  <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16C. DATE SIGNED 06/02/2016	

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
 NRC-HQ-13-C-42-0051/M0008

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NAME OF OFFEROR OR CONTRACTOR  
 TAYLOR ENGINEERING INC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>See attached pages for specific details regarding this modification.</p> <p>LIST OF CHANGES (NRC Purposes Only):</p> <p>Reason for Modification : Supplemental Agreement for work within scope</p> <p>Period Of Performance End Date changed from 2016-09-14 00:00:00 to 2018-09-14 00:00:00</p> <p>Total Amount for this Modification: \$278,050.00</p> <p>New Total Amount for this Version: \$2,254,210.00</p> <p>New Total Amount for this Award: \$3,104,210.00</p> <p>Obligated Amount for this Modification: \$180,000.00</p> <p>New Total Obligated Amount for this Award: \$2,779,000.00</p> <p>Contracting Officer Representative changed from HENRY JONES</p> <p>to MICHELLE BENSI</p> <p>CHANGES FOR LINE ITEM NUMBER: 9400</p> <p>Obligated Amount for this modification: \$180,000.00</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:                  2016-X0200-FEEBASED-25-25D005-11-4-212-1062-251D                  BBFY 2016                  EBFY                  Fund X0200                  Funds Source FEEBASED                  YBA                  Office 25                  Division 25D005                  Branch                  Cost Ctr (Job Code) 1062                  Major prog/business 11                  Product Line 4                  Product 212                  BOC 251D                  REIM Agreement Num                  REIM Agmt Line Num                  FAIMIS Template Name 11-4-212-1062                  Quantity: 0                  Amount: \$180,000.00                  Percent: 7.98506                  Subject To Funding: N                  Delivery Location Code: NRCHQ                  US NRC - HQ                  Continued ...</p>				

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
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NAME OF OFFEROR OR CONTRACTOR  
TAYLOR ENGINEERING INC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	DIVISION OF CONTRACTS				

**Specific Changes are as Follows:**

1. Section B.2 "PRICE/COST SCHEDULE" is deleted in its entirety and replaced with the following:

**"B.2 PRICE/COST SCHEDULE**

**Period of Performance – Base Year 1 – September 15, 2013 – September 14, 2014**

CLIN	Position/Level	Burdened Labor Rates*	Hours	Total
0001	Project Manger	[REDACTED]	[REDACTED]	[REDACTED]
0002	Subject Matter Expert	[REDACTED]	[REDACTED]	[REDACTED]
0003	Senior Technical Reviewer	[REDACTED]	[REDACTED]	[REDACTED]
0004	Administrative Support	[REDACTED]	[REDACTED]	[REDACTED]
	COST REIMBURSEMENT			
	Subtotal Labor Base Year 1		[REDACTED]	[REDACTED]
*Represents a blended labor rate. The NRC will be billed the actual labor rates.				
<b>TOTAL LABOR BASE YEAR 1</b>				<b>\$912,610.00</b>

**Period of Performance – Base Year 2 – September 15, 2014 – September 14, 2015**

CLIN	Position/Level	Burdened Labor Rates*	Hours	Total
0001	Project Manger	[REDACTED]	[REDACTED]	[REDACTED]
0002	Subject Matter Expert	[REDACTED]	[REDACTED]	[REDACTED]
0003	Senior Technical Reviewer	[REDACTED]	[REDACTED]	[REDACTED]
0004	Administrative Support	[REDACTED]	[REDACTED]	[REDACTED]
	COST REIMBURSEMENT			
	Subtotal Labor Base Year 1		[REDACTED]	[REDACTED]
*Represents a blended labor rate. The NRC will be billed the actual labor rates.				
<b>TOTAL LABOR BASE YEAR 2</b>				<b>\$935,322.00</b>

**Period of Performance – Base Year 3 – September 15, 2015 – September 14, 2016**

CLIN	Position/Level	Burdened Labor Rates*	Hours	Total
0001	Project Manger	[REDACTED]	[REDACTED]	[REDACTED]
0002	Subject Matter Expert	[REDACTED]	[REDACTED]	[REDACTED]
0003	Senior Technical Reviewer	[REDACTED]	[REDACTED]	[REDACTED]
0004	Administrative Support	[REDACTED]	[REDACTED]	[REDACTED]
	COST REIMBURSEMENT			
	Subtotal Labor Base Year 1		[REDACTED]	[REDACTED]
*Represents a blended labor rate. The NRC will be billed the actual labor rates.				
<b>TOTAL LABOR BASE YEAR 3</b>				<b>\$1,048,328.00</b>

**Period of Performance – Base Year 4 – September 15, 2016 – September 14, 2017**

CLIN	Position/Level	Burdened Labor Rates*	Hours	Total
0001	Project Manger	[REDACTED]	[REDACTED]	[REDACTED]
0002	Subject Matter Expert	[REDACTED]	[REDACTED]	[REDACTED]
0003	Senior Technical Reviewer	[REDACTED]	[REDACTED]	[REDACTED]
0004	Administrative Support	[REDACTED]	[REDACTED]	[REDACTED]
	COST REIMBURSEMENT			
	Subtotal Labor Base Year - 1		[REDACTED]	[REDACTED]
*Represents a blended labor rate. The NRC will be billed the actual labor rates.				
<b>TOTAL LABOR BASE YEAR 4</b>				<b>\$87,600.00</b>

**Period of Performance – Base Year 5 – September 15, 2017 – September 14, 2018**

CLIN	Position/Level	Burdened Labor Rates*	Hours	Total
0001	Project Manger	[REDACTED]	[REDACTED]	[REDACTED]
0002	Subject Matter Expert	[REDACTED]	[REDACTED]	[REDACTED]
0003	Senior Technical Reviewer	[REDACTED]	[REDACTED]	[REDACTED]
0004	Administrative Support	[REDACTED]	[REDACTED]	[REDACTED]
	COST REIMBURSEMENT			
	Subtotal Labor Base Year 1		[REDACTED]	[REDACTED]
*Represents a blended labor rate. The NRC will be billed the actual labor rates.				
<b>TOTAL LABOR BASE YEAR 5</b>				<b>\$90,350.00</b>
0005	<u>Travel (Cost Reimbursable)</u> The Government will pay up to the rates specified in the Government Federal Travel Regulations (FTR) for travel destination. NO PAYMENTS WILL BE MADE WITHOUT BACKUP DOCUMENTATION/RECEIPTS. All travel must be approved in advance by the NRC Contracting Officer's Representative (COR).  SEE SOW ENTITLED "TRAVEL"			NTE [REDACTED] (for the life of the contract)
<b>TOTAL ESTIMATED CEILING – BASE YEARS 1-5 PLUS TRAVEL</b>				<b>\$3,104,210.00</b>

2. Section B.4 "CONSIDERATION AND OBLIGATION – LABOR HOUR CONTRACT (AUG 2011) is deleted in its entirety and replaced with the following:

**"B.4 CONSIDERATION AND OBLIGATION – LABOR-HOUR CONTRACT (AUG 2011)**

- (a) The ceiling price to the Government for full performance under this contract is \$3,104,210.00.
- (b) The contract includes direct labor hours at specified fixed hourly rates, inclusive of wages, fringe, overhead, general and administrative expenses, and profit.
- (c) It is estimated that the amount currently obligated (\$2,779,000.00) will cover performance through August 31, 2016.

(d) This is an incrementally-funded contract and FAR 52.232-22 – “Limitation of Funds” applies.

3. The following text is added to the end of Section C.2 “Introduction”:

“The NRC is implementing the activities associated with the March 12, 2012 letter in two phases. The aforementioned activities in which licensees and construction permit holders reevaluate the flooding hazard(s) at each site using present-day regulatory guidance and methodologies represents Stage 1 of Phase 1. In Stage 2 of Phase 1, licensees will (if necessary) assess plant response to the reevaluated flooding hazards. Initially, all hazards reevaluations were to be completed as part of the Phase 1, Stage 1 activities. During Phase 2, NRC staff will use the Phase 1 results to determine whether additional regulatory actions are necessary. To support Phase 2 activities, NRC staff will need to establish estimates of hazards associated with relevant annual exceedance frequencies. This may involve independent calculations or review of licensee probabilistic analyses.”

4. The following text is added as a new Section C.5.8:

**“C.5.8 Task 8: Support for guidance development**

As needed and requested by the COR, perform technical activities related to the development of guidance related to probabilistic storm surge assessments, with focus on development of coastal hazard estimates with annual exceedance frequencies of relevance to Phase 2 decision-making. Activities may include:

- Technical consultation (e.g., participation in development meetings with NRC staff)
- Review and provision of feedback on industry or staff generated guidance
- Contribution to written guidance
- Calculation or modeling support (e.g., examples, case studies, or pilot studies)”

5. The following text is added to the Table in Section C.6 “SCHEDULE AND DELIVERABLES”:

<b>Task</b>	<b>Scheduled Completion</b>	<b>Deliverables</b>
<b>8</b> (Support for guidance development)	As agreed to in letter of technical direction.	As agreed to in letter of technical direction.

6. The following text is added to Section C.6 “SCHEDULE AND DELIVERABLES”:

“For Task 8, the structure of deliverables may include verbal feedback and written products in response to staff requests for technical activities and review or development of guidance. Requests for review support will be initiated by letters of technical direction. Decisions regarding format for deliverables will be coordinated with the contractor in conjunction with the letter of technical direction.

The contractor will provide, as requested, supporting calculation files (e.g., input/output files) to allow staff to maintain records associated with analyses and to support future review activities.”

7. Paragraph (a) of Section G.1 “2052.215-71 PROJECT OFFICER AUTHORITY (NOVEMBER 2006)” is deleted in its entirety and replaced with the following:

“(a) The contracting officer’s authorized representative (hereinafter referred to as the project officer) for this contract is:

NRC-HQ-13-C-42-0051  
M0008

Name: Michelle Bensi

Contracting Officer's Representative (COR)  
U.S. Nuclear Regulatory Commission  
Mail Stop: TWFN-7J3  
Washington, DC 20555

Telephone Number: 301-415-0073  
Email: [michelle.bensi@nrc.gov](mailto:michelle.bensi@nrc.gov)

8. Section F.3 "PLACE OF DELIVERY – Reports (AUG 2011)" is deleted in its entirety and replaced with the following:

"The items to be furnished hereunder shall be delivered, with all charges paid by the Contractor to:

- The COR, whose contact information is contained in Section G.1 "2052.215-71 PROJECT OFFICER AUTHORITY (NOVEMBER 2006); and
- Mark Thompson (electronic copy)  
Contracting Officer (CO)  
U.S. Nuclear Regulatory Commission  
Acquisition Management Division

Email: [mark.thompson@nrc.gov](mailto:mark.thompson@nrc.gov)"

9. Section F, add F.4 "Period of Performance," as follows:

"F.4 PERIOD OF PERFORMANCE (AUG 2011)

This contract shall commence on September 15, 2013 and will expire on September 14, 2018."

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED**

**[END of M0008]**