

2. AMENDMENT/MODIFICATION NO. M009
 3. EFFECTIVE DATE See Block 15c.
 4. REQUISITION/PURCHASE REQ. NO. NRR-12-054 dated 11/10/2011
 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 3100
 U.S. Nuclear Regulatory Commission
 Div. of Contracts
 Attn: Jennifer A. DeFino, 301-492-3637
 Mail Stop: TWB-01-B10M
 Washington, DC 20555
 7. ADMINISTERED BY (If other than Item 6) CODE 3100
 U.S. Nuclear Regulatory Commission
 Div. of Contracts
 Mail Stop: TWB-01-B10M
 Washington, DC 20555

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
 BECKMAN & ASSOCIATES INC
 1071 STATE RTE 136 SUITE 20
 BELLE VERNON PA 150122926
 CODE 785915794 FACILITY CODE
 9A. AMENDMENT OF SOLICITATION NO. (X)
 9B. DATED (SEE ITEM 11)
 10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-03-08-071 NRC-T013
 10B. DATED (SEE ITEM 13) 12-20-2010 (X)

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) B&R: 2012-x0200-20-11-5-139 JCN: J4076 BOC: 252A APPR NO: 31X0200.220
 See CONTINUATION Page DUNS: 785915794 NAICS: 541690 PSC: R425
 NO FUNDING OBLIGATED

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: MUTUAL AGREEMENT OF THE PARTIES STATEMENT OF WORK REVISION AND LEVEL OF EFFORT MODIFICATION (X)
 D. OTHER (Specify type of modification and authority)

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.)
 SEE PAGE TWO (2) FOR DESCRIPTION OF TASK ORDER MODIFICATION TO ADD ADDITIONAL HOURS FOR THE FARLEY INSPECTION, REVISE THE STATEMENT OF WORK (SOW) TO REMOVE THE MCGUIRE INSPECTION, AND DECREASE THE TASK ORDER CEILING.

Total Task Order Ceiling: \$2,421,946.86 (changed)
 Total Obligated Amount: \$2,378,219.00 (unchanged)
 Period of Performance: 12/20/2010 - 04/30/2012 (unchanged)

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) Kathleen Lloyd Forte
 15B. CONTRACTOR/OFFEROR Signature of person authorized to sign
 15C. DATE SIGNED 11/9/2011
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jennifer A. DeFino Contracting Officer
 16B. UNITED STATES OF AMERICA BY Signature of Contracting Officer
 16C. DATE SIGNED 12/22/2011

The purpose of this task order modification is to: (1) allocate 92 additional hours for Michael Shlyamberg for the Farley inspection; (2) revise the statement of work to remove the McGuire inspection (see Attachment #1); and (3) decrease the task order ceiling by \$72,820.75 from \$2,494,767.61 to \$2,421,946.86. Accordingly, the task order is hereby modified as follows:

- 1) 92 labor hours are hereby authorized for Michael Shlyamberg for the Farley inspection.
- 2) The "Statement of Work" for Task Order No. 13 is here by deleted in its entirety and replaced with Attachment #1 to this Modification No. 9 entitled "Statement of Work Rev 2".
- 3) Page 2, Paragraph 2 of Task Order No. 13 is deleted in its entirety and replaced with the following:
"Task Order No. 13 shall be in effect from December 20, 2010 until April 30, 2012, with an estimated cost ceiling of \$2,421,946.86. The amount of \$2,301,480.31 represents the estimated reimbursable costs, and the amount of \$120,466.55 represents the fixed fee.

All other terms and conditions remain unchanged.

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

Award	\$ 100,000.00
Modification No. 1	\$ 400,000.00
Modification No. 2	\$ 130,000.00
Modification No. 3	\$ 75,000.00
Modification No. 4	\$ 50,000.00
Modification No. 5	\$1,000,000.00
Modification No. 6	\$ 0.00
Modification No. 7	\$ 423,219.00
Modification No. 8	\$ 200,000.00
Modification No. 9	\$ 0.00
<u>Total</u>	<u>\$2,378,219.00</u>

This modification does not obligate funds.

STATEMENT OF WORK REV 2,
Task Order 13 under Contract NRC-03-08-071;
 Component Design Bases Inspections (CDBIs) at
**Salem, Summer, Duane Arnold, Peach Bottom, Callaway, Shearon Harris, Beaver Valley, San Onofre,
 Palisades, Vermont Yankee, Turkey Point, Nine Mile Point, Waterford, Point Beach, Farley, Oconee, Pilgrim,
 Quad Cities, River Bend, Surry, Watts Bar, and Arkansas Nuclear, and McGuire.**

B&R NUMBER: 2011-x0200-20-11-5-139

JOB CODE: J-4076

NRC TECHNICAL MONITOR: **Bill Cartwright, NRR**
 (301) 415-8345, William.Cartwright@nrc.gov
~~Donald Norkin, NRR, (301) 415-2954~~

PERIOD OF PERFORMANCE: **12/20/2010 to 04/30/2012**

1.0 **BACKGROUND**

In accordance with the baseline inspection portion of the Reactor Oversight Process (ROP), the U.S. Nuclear Regulatory Commission (NRC) inspects various activities at nuclear power reactor plants.

2.0 **TASK ORDER OBJECTIVE**

The objective of the task order is to obtain contractor support to assist the NRC inspection teams in the performance of CDBIs at **Salem, Summer, Duane Arnold, Peach Bottom, Callaway, Shearon Harris, Beaver Valley, San Onofre, Palisades, Vermont Yankee, Turkey Point, Nine Mile Point, Waterford, Point Beach, Farley, Oconee, Pilgrim, Quad Cities, River Bend, Surry, Watts Bar, and Arkansas Nuclear, and McGuire.**

Each CDBI requires one mechanical systems engineer and one electrical systems engineer. San Onofre requires a second mechanical systems engineer.

See attached schedule. Individual inspection dates may change.

3.0 **SCOPE OF WORK**

The contractor shall provide technical support to the NRC Regional Team Leader (RTL) during the performance of the above CDBIs in accordance with the enclosed schedule. The following Inspection Procedures (IP) and Inspection Manual Chapter (IMC) will be used:

- “IP 71111.21, Component Design Bases Inspection”
- “IMC 0612, Power Reactor Inspection Reports”

The NRC Team Leader may issue technical direction during the duration of the task order. Technical direction must be within the general Statement of Work stated in the task order, and shall not constitute new assignments of work or changes of such nature as to justify an adjustment in cost or period of performance. The contractor shall refer to the basic contract for further information and guidance on any technical directions issued under this task order.

Any modifications to the scope of work, cost, or period of performance of the task order must be issued by the Contracting Officer and will be coordinated with the Project Officer.

4.0 **SPECIFIC TASKS**

The below four specific tasks should be performed for each of the above CDBIs, and shall be performed in accordance with the requirements, standards, deliverables, and completion timeframes specified in the base contract's Statement of Work.

4.1 Task 1 - Inspection Preparation

4.2 Task 2 - Conduct Onsite Inspections

4.3 Task 3 - Conduct Home Office Inspection: Input Preparation

4.4 Task 4 - Documentation of Inspection Results

5.0 TECHNICAL REPORTING REQUIREMENTS FOR EACH INSPECTION

The technical reporting requirements for each of the above CDBIs shall be performed in accordance with the requirements specified in the base contract's Statement of Work.

6.0 PERSONNEL REQUIREMENTS

The CDBI specialists shall have a design background (such as from an architect-engineer firm) and experience/knowledge regarding:

- (1) design, analysis, operations, installation, modification, maintenance and testing of nuclear plant safety systems.
- (2) reviewing design basis and detailed design (calculations, drawings, etc.) of nuclear plant safety systems.

All of the specialists shall have knowledge/experience with NRC regulations and risk informed inspection methodology

It shall be the responsibility of the contractor to assign qualified technical staff, employees, and subcontractors, who have the required educational background, experience, or combination thereof, to meet both the technical and regulatory objectives of the work specified in this Statement of Work (SOW). The NRC will rely on representation made by the contractor concerning the qualifications of the personnel proposed for assignment to this task order including assurance that all information contained in the technical and cost proposals, including resumes and conflict of interest disclosures, is accurate and truthful.

7.0 ESTIMATED LEVEL OF EFFORT (per individual)

<u>Week</u>	<u>Activity</u>	<u>Estimated Level of Effort</u>
1	Inspection preparation at regional office	44 hours
2	On-site inspection	50 hours
3	Home office inspection	*
4	On-site inspection	50 hours
5	Home office inspection	*
6	On -site inspection	50 hours
7	Documentation of inspection results	20 hours

* The total hours for Weeks 3 and 5 may not exceed 40. Regions may elect to have only one home office inspection week.

Assume 4 hours annually per individual for training in the home office, in addition to the above home office inspection per each CDBI.

Hours may be revised, such as for additional hours to document significant inspection findings.

8.0 MEETINGS AND TRAVEL

One 5-day trip to region

Three 5-day trips to plant site

Above travel estimate is per individual and may be adjusted for holidays.

Contractor shall coordinate all travel arrangements in advance with the Team Leader. Off-normal travel time may be required to ensure timely arrival at the site, as scheduled by Team Leader.

9.0 NRC FURNISHED MATERIAL

Documents required to prepare for the inspection will be provided by Team Leaders.

10.0 OTHER APPLICABLE INFORMATION

The work specified in this SOW is 100% licensee fee recoverable. The contractor shall provide fee recovery information in the monthly progress reports in accordance with the requirements of the basic contract.

ATTACHMENT #1; ENCLOSURE 1

CDB Inspection	Owner	Schedule	Electrical	Mechanical
<i>Salem</i>	Exelon	1/18 - 2/22		
<i>Summer</i>	Scana	1/24 - 3/7		
<i>Duane Arnold</i>	FBL Group	1/24 - 3/7		
<i>Peach Bottom</i>	Exelon	2/7 - 3/14		
<i>Callaway</i>	Ameren	2/14 - 3/28		
<i>Harris</i>	Progress Energy	3/14 - 4/25		
<i>Beaver Valley</i>	First Energy	5/16 - 6/20		
<i>San Onofre (SONGS)</i>	Southern Calif. Edison	5/30 - 7/11		
<i>Palisades</i>	Entergy	5/30 - 7/18		
<i>Vermont Yankee</i>	Entergy	5/31 - 7/5		
<i>Turkey Point</i>	FBL Group	7/4 - 8/15		
<i>Nine Mile Point</i>	Constellation	7/5 - 8/8		
<i>Waterford</i>	Entergy	7/18 - 8/29		
<i>Point Beach</i>	Nuclear Mgmt	7/25 - 9/5		
<i>Farley</i>	Southern Nuclear	8/22 - 10/3		
<i>Oconee</i>	Duke Energy	8/22 - 10/3		
<i>Pilgrim</i>	Entergy	9/6 - 10/10		
<i>Quad Cities</i>	Exelon	9/12 - 10/24		
<i>River Bend</i>	Entergy	9/19 - 10/31		
<i>Perry</i>	First Energy	10/24 - 12/5		
<i>Surry</i>	Dominion	11/7 - 12/19		
<i>Watts Bar 1</i>	TVA	1/23 - 03/09		
<i>Arkansas Nuclear One</i>	Entergy	2/6 - 3/23		
<i>McGuire</i>	Duke Energy Carolinas	2/27 - 4/13		