AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO. | 1. CONTRACT ID CODE | PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
M001	See Block 15C.	NRC-03-03-037	

6. ISSUED BY CODE 3100
U.S. Nuclear Regulatory Commission
Div. of Contracts
Attn: Rachel Glaros, (301) 415-0115
Mail Stop T-7-I-2
Washington, DC 20555

7. ADMINISTERED BY (If other than Item 6) CODE 3100
U.S. Nuclear Regulatory Commission
Div. of Contracts
Mail Stop T-7-I-2
Attn: Rachel Glaros, (301) 415-0115
Washington, DC 20555

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

BECKMAN & ASSOCIATES INC

1071 STATE ROUTE 136

BELLE VERNON PA 150122292

CODE | FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-03-03-037 T058

X 10B. DATED (SEE ITEM 13) 08-25-2005

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)
B&R No.: 520-15-122-142 Job Code: J-3020 BOC: 252A
Appn No.: 31X0200.520 FFS No.: NRR03037058 ($543.13)

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: FAR 52.243-2 COST REIMBURSEMENT (AUG 1987) ALTERNATE I (APR 1984)

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.)

See Attached Pages 2-3 for description of modification

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
VICKI C. BECKMAN CEO		STEPHEN M. POOL Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 9/26/05	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 9/25/05

STANDARD FORM 30 (REV. 10-83)

TEMPLATE - ADM001

SISP REVIEW COMPLETE

ADM002

The purposes of this modification are to: (1) incorporate within scope changes to the Statement of Work, (2) extend the task order period of performance and (3) adjust the estimated cost and fixed fee, and obligation amount. Accordingly, the task order is modified as follows:

1. The below changes are hereby made to the Statement of Work. A new Statement of Work is provided with this task order.

a. Change the end date of the period of performance from 10/21/2005 to 11/15/2005.

b. Delete the following sentence in its entirety:
   1. Inspection preparation on, or about, August 29-September 2, 2005 at the region office.

   Replace with:
   1. Inspection preparation on, or about, August 29-September 2, 2005 at the region office, and September 26-30, 2005 at the contractor's office.

c. Delete the following sentence in its entirety:
   2. On-site inspection on, or about, September 12-16 and September 26-30, 2005. Review and document inspection activities in the Region IV office on, or about, September 19-23, 2005.

   Replace with:
   2. On-site inspection on, or about, October 3-7 and October 17-21, 2005. Review and document inspection activities in the contractor's office on, or about, October 11-14, 2005. (4 days)

d. Delete the following sentence in its entirety:
   3. Inspection documentation on, or about, October 3-7, 2005 in the contractor's office. Final inspection report input is due on, or about, October 10, 2005.

   Replace with:
   3. Inspection documentation on, or about, October 24-28, 2005 in the contractor's office. Final inspection report input is due on, or about, October 31, 2005.

e. Under the section entitled, "TRAVEL" decrease the number of the number of 5 day trips to the region office from 2 trips to 1 trip.

f. Under the section entitled, "LEVEL EFFORT" increase the mechanical engineer hours by 28, from 236 to 208. Increase the inspection preparation hours by 40, from 84 to 44. Decrease the office review (at Region IV) hours by 12, from 32 to 44.

2. The below changes to the task order price are hereby made:

a. Decrease the estimated cost reimbursable costs from by $571.45, from $27,508.58 to $26,937.13.

b. Increase the fixed fee by $28.32, from $839.94 to $868.26.

c. Decrease the cost ceiling by $543.13, from $28,348.52 to $27,805.39.

3. The task order obligation amount is hereby decreased by $543.13, from $28,348.52 to $27,805.39.

4. All other terms and conditions of the task order remain the same.

CONTRACT NRC-03-03-037

STATEMENT OF WORK
Task Order No. 58, Revision 1

TITLE: Palo Verde Nuclear Generating Station 95002 Inspection

INSPECTION REPORT NUMBER: 50-298/2005-008

B&R NUMBER: 520-15-122-142

JOB CODE: J-3020

NRC PROJECT OFFICER: Donald Norkin, NRR, (301) 415-2954

TEAM LEADER: Jeff Clark, Region IV (817) 860-8185

PERIOD OF PERFORMANCE: August 26 - November 15, 2005

BACKGROUND

Palo Verde had a Yellow design control finding, Severity Level III 10 CFR 50.59 violation, and inadequate corrective actions associated with voided containment sump suction piping. In accordance with NRC Manual Chapter 0305, Region IV will perform Inspection Procedure 95002, "Supplemental Inspection for One Degraded Cornerstone or Any Three White Inputs in a Strategic Performance Area. The inspection will review licensee actions to address the two substantive crosscutting issues identified in the recent end-of-cycle letter.

Inspection Procedures

Specific details associated with the following procedures are to be developed following an initial site visit by the Branch Chief or Senior Project Engineer. The team should primarily focus on fluid systems since the NRC will be reviewing the results of a grid study completed by the Western Electric Coordinating Council. The study was initiated following the June 2004 complete loss of offsite power event.

1. **42700, "Plant Procedures"** This procedure will be used to evaluate "non-intent" changes to licensee procedures to ensure appropriate safety evaluations were performed. The review will also ensure that design requirements were properly translated into operational procedures.

2. **71152, "Identification and Resolution of Problems"** This procedure will be used to aid in the evaluation of the licensee's root cause analyses and corrective actions.

3. **90700, "Feedback of Operational Experience Information at Operating Power Reactors"** This procedure will be used to aid in the extent of cause evaluation. Specifically, the team should identify significant operating experience issued over an extended duration and determine if the licensee properly incorporated the guidance into operating procedures and design specifications.

4. **93801, "Safety System Functional Inspection"** This procedure will be used to assess the adequacy of engineering programs as part of the extent of condition and extent of cause reviews. Of particular interest is the incorporation of pre-operational design requirements into the current licensing basis and operation of the facility. Additionally, the procedure will be used to assess the interface between engineering and plant operations.

5. **95002, "Supplemental Inspection for One Degraded Cornerstone or Any Three White Inputs in a Strategic Performance Area"** This procedure will be used to complete the review of the licensee's root cause analyses and corrective actions. The procedure will also be used to perform the independent extent of cause and extent of condition reviews.

OBJECTIVE

The objective of this task order is to obtain expert technical assistance in the Mechanical Systems area to assist the NRC inspection team in the performance of the inspection. The specialist shall have a design background (such as from an architect-engineer firm) and experience/knowledge regarding:

(1) design, analysis, operations, installation, modification, and testing of nuclear plant safety systems;

(2) reviewing design basis and detailed design of nuclear plant safety systems; and

(3) NRC regulations and risk informed inspection methodology.

WORK REQUIREMENTS AND SCHEDULE

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.

The Team Leader may issue technical direction from time to time during the duration of this task order. Technical direction must be within the general Statement of Work stated in this 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 this task order must be issued by the Contracting Officer and will be coordinated with the Project Officer. Specific tasks under this task order are:

1. Inspection preparation on, or about, August 29-September 2, 2005 at the region office, and September 26-30, 2005 at the contractor's office.

a. Obtain a thorough understanding of the selected system(s) by review of licensee provided documentation.

b. Develop a list of questions or areas of concern.

c. Develop a risk informed inspection plan.

2. On-site inspection on, or about, October 3-7 and October 17-21, 2005. Review and document inspection activities in the contractor's office on, or about, October 11-14, 2005. (4 days)

a. Perform the inspection in accordance with the above referenced Inspection Procedures

b. Discuss potential findings with the Team Leader.

c. Document items such as inspection scope and list of documents reviewed.

3. Inspection documentation on, or about, October 24-28, 2005 in the contractor's office. Final inspection report input is due on, or about, October 31, 2005.

a. Follow the guidelines of NRC Inspection Manual Chapter 0612, "Power Reactor Inspection Reports", as directed by Team Leader.

b. Twenty hours is normal for the documentation week. Dependent on risk significance of findings, actual hours could differ (at the discretion of the Team Leader).

REPORT REQUIREMENTS

During Tasks 1 and 2, the contractor shall provide an inspection plan and inspection related documentation, as directed by the Team Leader.

At the end of Task 3, a feeder to the final inspection report shall be provided to the Team Leader in an electronic format acceptable to the Team Leader. A hard copy shall be provided to the Project Officer. The contractor shall not undertake any further efforts toward report finalization, such as management review of the feeder report.

TRAVEL (for estimating purposes only)

One 5 day trip to the region office.

Two 5 day trips to the plant site.

The contractor shall coordinate all travel arrangements in advance with the NRC Team Leader.

LEVEL OF EFFORT (for estimating purposes only)

Number	Discipline	Hours
1	Mechanical	236

for each individual:

inspection preparation	-	84 hours
on-site inspection	-	100 hours
office review	-	32 hours
documentation	-	20 hours

Sunday travel time may be required to ensure timely arrival at the site entrance meeting, as scheduled by the Team Leader.

NRC FURNISHED MATERIAL

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

OTHER APPLICABLE INFORMATION

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