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NRC-03-03-037 TASK ORDER NO. 042 Page 2 of 2

## SUBJECT: ISSUANCE OF TASK ORDER NO. 042 "BRUNSWICK TRIENNIAL FIRE PROTECTION INSPECTION" UNDER CONTRACT NO. NRC-03-03-037

This confirms the verbal authorization that was provided to Beckman and Associates, Inc. (BAA), effective October 8, 2004, to begin work under the subject task order, with a temporary ceiling of \$20,000.00.

In accordance with Section G.5, <u>Task Order Procedures</u>, of the subject contract, this definitizes the subject task order. The effort shall be performed in accordance with the enclosed Statement of Work.

Task Order No. 042 shall be in effect from October 8, 2004, through December 10, 2004, with a cost ceiling of \$38,123.95. The amount of \$36,886.03 represents the estimated reimbursable costs, and the amount of \$1,237.92 represents the fixed fee.

The following individual is considered to be essential to the successful performance of work hereunder the task order agrees that such personnel shall not be removed from the enon-under the task order without compliance with Contract Clause H.4, Key Personnel.

The issuance of this task order does not amend any terms or conditions of the subject contract.

Acceptance of Task Order No. 042 should be made by having an official, authorized to bind your organization, execute three copies of this document in the space provided and return two copies to the Contract Specialist. You should retain the third copy for your records.

Enclosure: Statement of Work

ACCEPTED: Task Order No. 042

TITLE

DATE

CONTRACT NRC-03-03-037

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# STATEMENT OF WORK Task Order No. 042

TITLE: Brunswick Triennial Fire Protection Inspection

INSPECTION REPORT NUMBER: 50-324/2004-010; 50-325/2004-010

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

JOB CODE: J-3020

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

TEAM LEADER: Charlie Payne, Region II (404) 562-4669

PERIOD OF PERFORMANCE: 10/08/04 - 12/10/04

#### BACKGROUND

In accordance with the Baseline Inspection portion of the NRC Reactor Oversight Process, a Triennial Fire Protection (TFP) inspection will be conducted for the Brunswick nuclear plant, near Southport, NC. The following inspection procedure will be used and provided by the Team Leader:

71111.05, "Fire Protection"

#### OBJECTIVE

The objective of this task order is to obtain expert technical assistance in the Electrical 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:

- a general knowledge of Appendix R electrical separation requirements

- ability to determine cable routing from drawings and then walk them down in the plant

- ability to read drawings and perform a circuit analysis for vulnerability to fire damage

- ability to assess electrical repairs (i.e., assess Appendix R "cold shutdown repairs")

- knowledge of breaker coordination

#### 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

Attachment

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. On-site inspection preparation (bag visit) on, or about, October 12-14, 2004 (3 days).
- a. Complete site access and badging requirements. Become familiar with the plant arrangement.
- b. Select the fire areas to be inspected in detail.

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- 2. Inspection preparation on, or about, October 25-29, 2004 at the region 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.

3. On-site inspection on, or about, November 1-5, 2004 and November 15-19, 2004. Review and document inspection activities in the contractor's office on, or about, November 8-12, 2004.

- a. Perform the inspection in accordance with Inspection Procedure 71111.05, "Fire Protection".
- b. Discuss potential findings with the Team Leader.
- c. Document items such as inspection scope and list of documents reviewed.

4. Inspection documentation on, or about, November 22-26, 2004 in the contractor's office. Final inspection report input is due on, or about, November 29, 2004.

- 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 2 and 3, the contractor shall provide an inspection plan and inspection related documentation, as directed by the Team Leader.

At the end of Task 4, 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)

for each individual:

One 3 day trip to the plant site.

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.

# 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% licensee fee recoverable. The contractor shall provide fee recovery information in the monthly progress reports in accordance with the requirements of the basic contract.