



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SEP 17 2001

Beckman and Associates, Inc.
Attn: Vicki Beckman
1071 State Route 136
Belle Vernon, PA 15012

SUBJECT: TASK ORDER NO. 100 "QUAD CITIES SAFETY SYSTEM DESIGN AND PERFORMANCE CAPABILITY INSPECTION (SSDPCI)" UNDER CONTRACT NO. NRC-03-98-021

Dear Ms. Beckman:

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

Task Order No. 094 shall be in effect from October 12, 2001, through November 30, 2001, with a cost ceiling of \$37,773.43. The amount of \$36,584.44 represents the estimated reimbursable costs, the amount of \$1,188.99 represents the fixed fee.

Accounting data for Task Order No. 100 is as follows:

B&R No.:	120-15-103-110
Job Code:	J-2548
BOC:	252A
APPN No.:	31X0200.120
FFS#:	NRR98021100
Oblig. Amt.:	\$4,000.00

Funds in the amount of \$4,000.00 are being obligated under this task order. The obligated amount shall, at no time, exceed the task order ceiling. 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 task order. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk

The following individual is considered to be essential to the successful performance for work hereunder: Mr. Donald Prevatte. The Contractor agrees that such personnel shall not be removed from the effort 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.

Your contacts during the course of this task order are:

Technical Matters: Donald P. Norkin
Project Officer
(301) 415-2954

Contractual Matters: Mona Selden
Contract Specialist
(301) 415-7907

Acceptance of Task Order No. 100 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.

Sincerely,

Barbara Medina
for Sharon D. Stewart, Contracting Officer
Contract Management Branch 2
Division of Contracts and Property Management
Office of Administration

Enclosure: Statement of Work

ACCEPTED: Task Order No. 100

Alvin C. Debraun

NAME

Vice President

TITLE

9-18-01

DATE

STATEMENT OF WORK
Task Order No. 100

TITLE: Quad Cities Safety System Design and Performance Capability (SSDPC) Inspection
DOCKET NUMBERS: 50-254,50-265 B&R NUMBER: 120-15-103-110 JOB CODE: J-2548

NRC PROJECT OFFICER: D.P. Norkin, NRR (301) 415-2954
TEAM LEADER: J.A. Gavula, Region III (630) 829-9755

PERIOD OF PERFORMANCE: 10/12/01 - 11/30/01

BACKGROUND

A Safety System Design and Performance Capability (SSDPC) Inspection will be conducted for the Quad Cities nuclear plant, near Moline, Illinois. NRC Inspection Procedure 71111-21, "Safety System Design and Performance Capability" will provide the primary basis for this inspection.

OBJECTIVE

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

- (1) design, analysis, installation, and testing of mechanical systems.
- (2) reviewing design basis and detailed design of nuclear plant safety systems;
- (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. Prepare for the inspection at the Region office on, or about, October 15-19, 2001.
 - 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. Perform on-site inspection on, or about, October 22-26, 2001 and November 5-9, 2001. Perform in-office review of inspection activities in the Region office on, or about, October 29-November 2, 2001.
- a. Perform the inspection in accordance with Inspection Procedure 71111.21, "Safety System Design and Performance Capability".
 - b. Discuss potential findings with the Team Leader.
3. Document the inspection on, or about, November 12-16, 2001 in the contractor's home office. Final inspection report input is due on, or about, November 19, 2001.
- a. Follow the guidelines of NRC Inspection Manual Chapter 0610*, "Power Reactor Inspection Reports", as directed by Team Leader.
 - b. The 40 hours for documentation is a maximum, dependent on the risk significance of findings. The actual hours could be less, 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)

Two 5 day trips 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.