



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

JUL 3 0 2001

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

SUBJECT: TASK ORDER NO. 093 "COLUMBIA 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. 093 shall be in effect from August 10, 2001, through October 5, 2001, with a cost ceiling of \$38,784.71. The amount of \$37,563.88 represents the estimated reimbursable costs, the amount of \$1,220.83 represents the fixed fee.

Accounting data for Task Order No. 093 is as follows:

B&R No.:	120-15-103-110
Job Code:	J-2548
BOC:	252A
APPN No.:	31X0200.120
FFS#:	NRR98021093
Oblig. Amt.:	\$38,784.71

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sidered to be essential to the successful performance for work hereunder:
actor agrees that such personnel shall not be removed from the effort under
ance with Contract Clause H.4, Key Personnel.

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

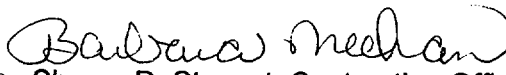
Your contacts during the course of this task order are:

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

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

Acceptance of Task Order No. 093 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,


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. 093



NAME



TITLE



DATE

CONTRACT NO. NRC-03-98-021

STATEMENT OF WORK
Task Order No. 093

TITLE: Columbia Safety System Design and Performance Capability (SSDPC) Inspection

DOCKET NUMBERS: 50-397 B&R NUMBER: 120-15-103-110 JOB CODE: J-2548

NRC PROJECT OFFICER: D.P. Norkin, NRR (301) 415-2954

TECHNICAL MONITOR: M.F. Runyan, RIV (817) 860-8142

PERIOD OF PERFORMANCE: August 10, 2001 through October 5, 2001

BACKGROUND

A Safety System Design and Performance Capability (SSDPC) Inspection will be conducted for the Columbia Generation Station, near Richland, Washington. 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 electrical/I&C 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 and knowledge in the following:

- (1) design, analysis, installation, and testing of AC/DC generating/distribution systems and instrumentation and controls.
- (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 Technical Monitor 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, August 13-17, 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, August 20-24 and September 10-14, 2001. Perform in-office review of inspection activities in the Region office on, or about, August 27-31, 2001.
 - a. Perform the inspection in accordance with Inspection Procedure 71111.21, "Safety System Design and Performance Capability".
 - b. Discuss potential findings with the Technical Monitor.
3. Document the inspection on, or about, September 17-21, 2001 in the contractor's home office. Final inspection report input is due on, or about, September 24, 2001.
 - a. Follow the guidelines of NRC Inspection Manual Chapter 0610*, "Power Reactor Inspection Reports", as directed by the Technical Monitor.
 - 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 Technical Monitor.

REPORT REQUIREMENTS

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

At the end of Task 3, a feeder to the final inspection report shall be provided to the Technical Monitor in an electronic format acceptable to the Technical Monitor. 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.

MEETINGS AND TRAVEL

For estimating purposes only, the following meetings and travel are anticipated:

Two 5 day trips to the Region office.

Two 5 day trips to the plant site.

Off-normal travel permitted up to a half-day to ensure early arrival, if required by the Technical Monitor.

The contractor's staff shall coordinate all travel arrangements in advance with the NRC Technical Monitor.

NRC FURNISHED MATERIAL

Documents required to prepare for the inspection will be provided by the NRC Technical Monitor.

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.