



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

JAN 17 2003

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

SUBJECT: "TASK ORDER NO. 140 "CONSTRUCTION INSPECTION PROGRAM,
INSPECTIONS, TESTS, ANALYSES AND ACCEPTANCE CRITERIA (ITAACs)"
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. 140 shall be in effect from January 17, 2003, through April 30, 2003, with a cost ceiling of \$45,039.35. The amount of \$43,621.65 represents the estimated reimbursable costs, the amount of \$1,417.70 represents the fixed fee.

Accounting data for Task Order No. 140 is as follows:

B&R No :	320-15-103-107
Job Code:	J-2988
BOC.	252A
APPN No.:	31X0200.320
FFS#:	NRR98021140
Oblig. Amt.:	\$45,039.35

The following individual is considered to be essential to the successful performance for work hereunder: [REDACTED] 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.

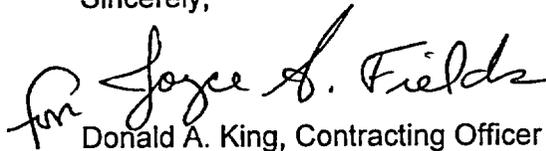
Your contacts during the course of this task order are:

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

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

Acceptance of Task Order No. 140 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.

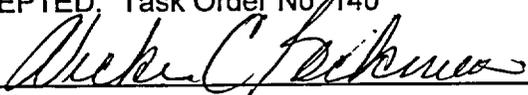
Sincerely,



Donald A. King, Contracting Officer
Contract Management Center 1
Division of Contracts
Office of Administration

Enclosure: Statement of Work

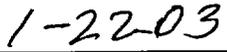
ACCEPTED: Task Order No. 140



NAME



TITLE



DATE

CONTRACT NRC-03-98-021

STATEMENT OF WORK
Task Order No. 140

TITLE: Construction Inspection Program, ITAACs

B&R NUMBER: 320-15-115-107

JOB CODE: J-2988

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

TEAM LEADER: Charles Paulk, Region IV, (817) 860-8236

PERIOD OF PERFORMANCE: 01/17/03 - 04/30/03

BACKGROUND

10 CFR Part 52 describes a process for issuing a combined license (COL) for nuclear power plants. A COL is a single license authorizing construction and operation of a nuclear power facility. A COL will include inspections, tests, analyses and acceptance criteria (ITAACs) to give reasonable assurance that the facility has been constructed and will operate consistent with the license, the provisions of the Atomic Energy Act, and NRC regulations. Section 52.99 states, in part, that "the Commission shall ensure that the required inspections, tests, and analyses are performed and, prior to operation of the facility, shall find that the prescribed acceptance criteria are met".

OBJECTIVE

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

- (1) ABWR and AP600 ITAACs and associated NRC inspection procedures;
- (2) performing construction inspections using NRC inspection procedures or equivalent;
- (3) design, analysis, installation, and testing of nuclear plant safety systems.
- (4) reviewing design basis and detailed design of nuclear plant safety systems;
- (5) 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 a continuation of work previously accomplished under TO 114, and are as follows:

- (1) Identify existing inspection procedures (IPs) which apply to ITAACs;
- (2) Update SECY 94-294 tables that discuss how ITAAC for the high pressure core flooders will be inspected;
- (3) Review tables in Appendix B of November 20, 2001 NEI letter. Identify differences between NEI tables, SECY 94-294 tables and matrix of ITAACs vs. IPs;
- (4) Evaluate inspection resources required for IPs.
- (5) Document the above effort in a format provided by the Team Leader.

Work will begin on, or about January 20, 2003 and run approximately twelve weeks.

REPORT REQUIREMENTS

Documentation 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 3 day trips to the Region office.

One 3 day trip to NRC Headquarters, Rockville, MD

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

NRC FURNISHED MATERIAL

Documents required to perform the work will be provided by the NRC Team Leader.

OTHER APPLICABLE INFORMATION

The work specified in this SOW is not licensee fee recoverable.