



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

FEB 25 2004

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

SUBJECT: TASK ORDER NO. 028 "CONSTRUCTION INSPECTION PROGRAM" UNDER  
CONTRACT NO. NRC-03-03-037

Dear Ms. Beckman:

This confirms the verbal authorization that was provided to Beckman and Associates, Inc. (BAA), effective January 30, 2004, to begin work under the subject task order, with a temporary ceiling of \$30,000.00.

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. 028 shall be in effect from January 30, 2004, through July 1, 2004, with a cost ceiling of \$64,916.10. The amount of \$62,483.28 represents the estimated reimbursable costs, and the amount of \$2,432.82 represents the fixed fee.

Accounting data for Task Order No. 028 is as follows:

B&R No.:	420-15-115-107
Job Code:	J-3096
BOC:	252A
APPN No.:	31X0200.420
FFS#:	NRR03037028
Oblig. Amt.:	\$64,916.10

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.

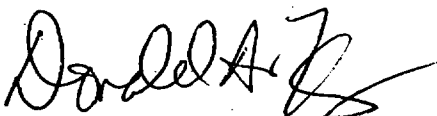
Your contacts during the course of this task order are:

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

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

Acceptance of Task Order No. 028 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. 028

  
NAME

  
TITLE

2-27-04  
DATE

CONTRACT NRC-03-03-037

STATEMENT OF WORK  
Task Order No. 028

TITLE: Construction Inspection Program

B&R NUMBER: 420-15-115-107

JOB CODE: J-3096

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

TEAM LEADER: Mary Ann Ashley, NRR, (301) 415-1073

PERIOD OF PERFORMANCE: 01/30/2004 - 7/01/2004

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". The continuing development of a Construction Inspection Program (CIP) under 10 CFR Part 52 will make it necessary to consolidate some of the existing inspection guidance into generic inspection procedures to promote increased effectiveness and efficiency during their implementation.

OBJECTIVE

The objective of this task order is to obtain expertise for the development of inspection requirements to fully implement the criteria in IMC-2503, ITAAC. The methodologies used will be in accordance with the CIP Framework Document and IMC-2503. The specialist(s) shall have experience/knowledge of the following:

- (1) Task Order No. 140 under NRC-03-98-021 and Task Order No. 014 under NRC-03-03-037
- (2) NRC Construction Inspection Program
- (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. Review IMC- 2503," ITAAC", and the revised 10 CFR Part 52 Construction Inspection Program Framework Document.

2. Revise three (3) inspection procedures to reflect the approach described in the Framework Document and fully implement the requirements of IMC-2503. The procedures to be revised are:

- IP 46053, Structural Concrete Work Observation
- IP 51053, Electrical Components and Systems Work Observation
- IP 50090, Pipe Support and Restraint Systems

The information and guidance in the IPs should not replicate any policy or guidance already in IMC-2503

Completion Date: On, or about, April 1, 2004, on the date established by the NRC Team Leader.

3. Once the inspection procedures have been reviewed and approved by the CIP Team, develop a template which could be used to guide others in the revision or development of other inspection procedures to support the Construction Inspection Program. The guidance should identify any unique requirements related to the procedure content.

Completion Date: On, or about, May 15, 2004, on the date established by the NRC Team Leader.

4. Prioritize the inspection procedure population that requires revision or development. The priority should be based on when in the construction process the procedure will be needed.

Completion Date: On, or about, June 1, 2004, on the date established by the NRC Team Leader.

5. Brief the CIP Team on the final results.

Completion Date: On, or about, July 1, 2004, on the date established by the NRC Team Leader. Work is to begin on, or about, January 30, 2004 and run continuously for 20 weeks through July 1, 2004. The Period of Performance recognizes delay(s) due to team leader redirection.

## REPORT REQUIREMENTS

1. The format for the inspection procedures shall be in accordance with IMC-0040. In addition to the requirements of IMC-0040, each revised inspection procedure shall include the following:
  - inspection requirements per critical attribute (first identify the critical attribute and then provide the inspection requirements)
  - inspection requirements should include a description of the composition of the sample (additional guidance for sample size and priority for sampling is being developed independently)
  - acceptance criteria that constitutes completion of inspection for a specific critical attribute
2. The contractor shall coordinate the format of the template with the Team Leader.
3. A draft of the template for revising/ developing the IPs shall be provided to the Team Leader prior to the contractor briefing the CIP team.
4. A final report for the project shall be provided to the Team Leader prior to the final briefing of the CIP Team.

## TRAVEL (for estimating purposes only)

Three 1-day trips to the NRC Region IV office  
One 1-day trip to NRC Headquarters, Washington DC

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

## NRC FURNISHED MATERIAL

Documents required to complete the project will be provided by the NRC Team Leader.

## OTHER APPLICABLE INFORMATION

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