



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

FEB 13 1998

Parameter, Inc.
Attn: Richard A. Lofy
13380 Watertown Plank road
Elm Grove, WI 53122

SUBJECT: TASK ORDER NO. 137, ENTITLED, "HOPE CREEK SAFETY SYSTEM
ENGINEERING INSPECTION (SSEI)" UNDER CONTRACT NO. NRC-03-93-
026

Dear Mr. Lofy:

In accordance with Section G.4, 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 and the Contractor's technical proposal dated February 4, 1998.

Task Order No. 137 shall be in effect from February 16, 1998 through March 27, 1998, with a cost ceiling of \$33,647.45. The amount of \$32,687.00 represents the estimated reimbursable costs, the amount of \$78.00 represents the facilities capital cost of money, and the amount of \$882.45 represents the fixed fee.

Accounting data for Task Order No. 137 is as follows:

B&R No.:	8-2015-11-20-2B
Job Code:	J-2407-8
BOC:	252A
RFPA No.:	NRC-03-93-026 dtd 1/20/98
FFS No.:	NRR93026137
APPN No.:	31X0200.820
Oblig. Amt.:	\$33,647.45

The following individual is considered to be essential to the successful performance for work hereunder: Mr. Robert G. Quirk. 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.

DPO 1/1

9802270240 980220
PDR CONTR
NRC-03-93-026 PDR



cont'd

Your contacts during the course of this task order are:

Technical Matters:

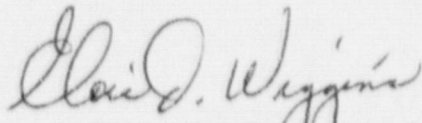
Armando Masciantonio
Project Officer
(301) 415-1290

Contractual Matters:

Mona Selden
Contract Specialist
(301) 415-6590

Acceptance of Task Order No. 137 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 at the address below. You should retain the third copy for your records.

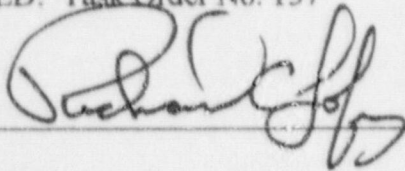
Sincerely,



Elois J. Wiggins, Contracting Officer
Contract Management Branch 2
Division of Contracts and
Property Management
Office of Administration

Enclosure: Statement of Work

ACCEPTED: Task Order No. 137



NAME

PRES

TITLE

2/20/98

DATE

CONTRACT NRC-03-93-026
Parameter, Inc.

STATEMENT OF WORK
Task Order 137

TITLE: Hope Creek Safety System Engineering Inspection (SSEI)

DOCKET NUMBER: 50-354 B&R NUMBER: 820-15-11-20-2B JOB CODE: J-2407

INSPECTION REPORT NUMBER:

NRC PROJECT OFFICER: A. S. Masciantonio, NRR (301) 415-1290
TECHNICAL MONITOR: A. Della Greca (610) 337-5046 Region I

PERFORMANCE PERIOD: February 16, 1998 through March 27, 1998

BACKGROUND

A Safety System Engineering Inspection (SSEI) and review of licensee's 50.59 process will be conducted at the Hope Creek nuclear plant near Salem, NJ. The SSEI will assess the operational performance capability of selected safety system(s) through an in-depth, multi-disciplinary review to verify that the system is capable of performing its intended safety function. The inspection will also verify completed actions for regulatory commitments that the licensee made in conjunction with the safety systems. Review of safety systems is to be performed in accordance with NRC Inspection Procedure 93809 for a Safety System Engineering Inspection (SSEI). Review of the 50.59 process will be performed in accordance with NRC Inspection Procedure 37001.

OBJECTIVE

The objective of this task order is to obtain expert technical assistance in the area of instrumentation and control (I&C) and electrical design. The specialist is needed primarily to assist the NRC inspection team in the performance of the SSEI with some possible collateral assistance in performing the 50.59 review. The specialist should primarily have a design background, such as from an architect-engineer firm with experience in system design requirements and calculation. The specialist should also be familiar with installation and surveillance testing of equipment along with cognizance of how site engineering and operations organizations function. The specialist should be thoroughly familiar with NRC regulations and inspection methodology. Also, the specialist should be familiar with the regulatory process, and should be able to develop a list of regulatory commitments from docketed licensee correspondence for the plant system(s) selected for review. The specialist will then be required to verify implementation of the licensee's commitments.

It shall be the responsibility of the contractor to assign 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

Attachment

resumes and conflict of interest disclosures, is accurate and truthful.

WORK REQUIREMENTS AND SCHEDULE

The work specified in this SOW falls within Section C.3 of the basic contract's SOW. The contractor shall provide the qualified specialists, and the necessary facilities, materials, and services to assist the NRC staff in preparing for, conducting, and documenting the inspection activities and findings. The Technical Monitor for this task is Aniello Della Greca. The Technical Monitor may issue technical instructions from time to time during the duration of this task order. Technical instructions 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 section G.1 of 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 NRR Project Officer. Specific tasks under this task order are:

<u>Task</u>	<u>Schedule Completion</u>
1. Develop a list of regulatory commitments for the selected plant system(s) based upon a review of docketed information. Prepare an inspection plan and obtain a thorough understanding of the selected system(s).	Inspection preparation will take place February 17-20, 1998, at the Region I offices in King of Prussia, PA.
2. Perform the inspection.	On-site inspection is to take place on February 23-27, 1998, and March 9-13, 1998, at the Hope Creek site, with one week of intervening review, March 2-6, 1998, at the Region I offices.
3. Prepare the inspection report.	Documentation of inspection will take place during the week of March 16-20, 1998, at the contractor's home offices. Final inspection report input is due March 20, 1998.

NOTE: Prior to the start of on-site preparation, the contractor's staff is required to be available to coordinate inspection aspects, such as travel logistics, with the Team Leader.

REPORT REQUIREMENTS

Technical Report

At the completion of Task 1, the contractor's specialist shall provide an inspection plan to the NRC Team Leader. The format and scope of this input shall be as directed by the NRC Team Leader.

During Task 2, the contractor's specialist shall provide daily reports to the NRC Team Leader. The format and scope of this report shall be as directed by the NRC Team Leader.

At the completion of Task 2 (prior to the inspection team's exit meeting with the licensee), the contractor's specialists shall provide a draft inspection report input to the NRC Team Leader. The format and scope shall be as directed by the NRC Team Leader. Typically, this input will consist of a handwritten summary of the specialist's inspection findings.

At the completion of Task 3, the contractor shall deliver the final inspection report input (feeder report) to the NRC Project Officer (original and one copy) with one hard copy and one computer diskette version (WordPerfect 5.1 or other IBM PC compatible software acceptable to the NRC Team Leader) to the NRC Team Leader. The format and scope of the final report inputs shall be as directed by the NRC Team Leader.

A specialist's feeder report will serve as documentation of the specialist's inspection activities, effort, and findings, and will be used by the NRC Team Leader for the preparation of the NRC's inspection report. The form and scope of the final report input shall be as provided by the NRC Team Leader. As a minimum, each specialist's report input shall include the following:

- Identity of the individuals (name, company, and title) that provided information to the specialist during the inspection.
- For each area inspected, a description of the activities and general findings and conclusions reached regarding the adequacy of the area.
- For each area with a concern or findings, a discussion of the concerns or findings with technical bases.

NOTE: The contractor is not required to undertake any further efforts toward report finalization. For example, management review of the feeder report beyond its submittal to the NRC Team Leader and Project Manager is not needed.

Business Letter Report

The contractor shall provide monthly progress reports in accordance with the requirements of the basic contract.

MEETINGS AND TRAVEL

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

One, one-person, 11-day trip to the Region I offices in King of Prussia, PA, and to the plant site near Salem, NJ, to prepare for and conduct the initial inspection (February 17-27, 1998).

One, one-person, 12-day trip to the Region I offices and plant site to review inspection findings and complete the inspection (March 2-13, 1998).

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

ESTIMATED LEVEL OF EFFORT

<u>Number</u>	<u>Discipline</u>	<u>Hours</u>
1	Electrical (I&C) Design Specialist	230

The estimated level of effort consists of 40 hours for inspection preparation, 150 hours for on-site inspection and review, and 40 hours for inspection documentation.

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 report in accordance with the requirements of the basic contract.

The contractor's specialists assigned to this task order will have to be badged for unescorted access privilege at the plant site. The contractor shall provide all documentation required for badging (as identified by the NRC Team Leader) at the plant site. Questions concerning badging and the plant site access shall be addressed to the NRC Technical Monitor.