



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

DEC 10 1990

Parameter, Inc.  
ATTN: Richard A. Lofy  
13380 Watertown Plank Road  
Elm Grove, Wisconsin 53122

Dear Mr. Lofy:

Subject: Task Order No. 15 Under Contract No. NRC-03-89-027 Entitled  
"Technical Assistance for Investigation of Allegations Concerning  
Mechanical Maintenance and Measurement and Testing Equipment --  
Diablo Canyon Units 1 and 2" (FIN L-1342)

This letter confirms verbal authorization provided to you by Brenda DuBose, of my staff, on November 30, 1990, to commence work on the subject Task Order effective November 30, 1990, with a temporary ceiling of \$6,000.00.

In accordance with Section G.6, Task Order Procedures, of the subject contract, this letter definitizes Task Order No. 15. This effort shall be performed in accordance with the enclosed Statement of Work and Parameter Inc.'s technical proposal dated November 29, 1990, incorporated herein by reference.

The period of performance for Task Order No. 15 is November 30, 1990 through January 14, 1991. The total cost ceiling is \$11,743.15. The amount of \$11,462.13 represents the total reimbursable costs, the amount of \$14.76 represents the facilities capital cost of money, and the amount of \$266.26 represents the fixed fee.

Accounting data for Task Order No. 15 is as follows:

B&R No.:	020-19-14-02-0
FIN No.:	L-1342-0
Appropriation No.:	31X0200.200
Obligated Amount:	\$11,743.15
(This amount has been obligated under the basic contract.)	

The following individual is considered by the Government to be essential to the successful performance of the work hereunder:

M. Good

Richard A. Lofy

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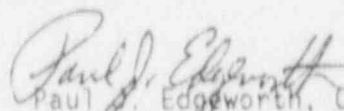
The contractor agrees that such personnel shall not be removed from the effort under this task order without compliance with Contract Clause H.1 - Key Personnel.

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

Acceptance of Task Order No. 15 should be made by executing three copies of this document in the space provided and returning two copies to the Contract Administrator. You should retain the third copy for your records.

Should you have any questions regarding this matter, please feel free to contact Brenda DuBose, Contract Management Assistant, on (301) 492-7442.

Sincerely,

  
Paul J. Edgeworth, Contracting Officer  
Contract Administration Branch No. 1  
Division of Contracts and  
Property Management  
Office of Administration

Enclosure:  
As stated

ACCEPTED: Task Order No. 15  
NAME Richard A. Lofy  
TITLE P.R.F.W.  
DATE 12/13/90

STATEMENT OF WORK  
CONTRACT No NRC-03-89-027  
TASK ORDER No 0016  
FIN. No L-1342

TITLE: Technical Assistance for Investigation of Allegations concerning Mechanical Maintenance and Measurement and Testing Equipment --Diablo Canyon Units 1 and 2.

DOCKET NUMBERS: 50-275 (UNIT 1), 50-323 (UNIT-2)

NRC PROJECT MANAGER: Robert B.A. LICCIARDO, NRR(301-492-1240)

NRC TECHNICAL MONITOR: Michael J. Royack, REGION V  
(FTS-483-3790)

PERIOD OF PERFORMANCE: 11/30/90 TO 01/14/1991

A BACKGROUND

Recently, allegations were made concerning mechanical maintenance calibration and measurement and testing equipment at Diablo Canyon Nuclear Power Facility. USNRC Region V needs contractor expertise in these areas to ensure a comprehensive and accurate assessment of these allegations.

B OBJECTIVE

The objective of this task order is to obtain the services of one (1) contractor specialist with experience in the maintenance of mechanical equipment and related measurement and test equipment at commercial nuclear power facilities. The contractor shall provide specialized technical assistance to the NRC Region V staff in the investigation of Allegations concerning the Control of Measuring and Test Equipment used for the maintenance of mechanical equipment including assembly, disassembly, testing, related materials processing, and installation.

C WORK REQUIREMENTS

The contractor shall provide the services of one (1) contractor specialist with experience in the maintenance of mechanical equipment and related measurement and test equipment at commercial nuclear power facilities. The contractor shall provide specialized technical assistance to the NRC Region V staff in the investigation of Allegations concerning the Control of Measuring and Test Equipment used for the maintenance of mechanical equipment including assembly, disassembly, testing, related materials processing, and installation, and with a view to determining whether valid bases exist for an enforcement action. The contractor provided shall be knowledgeable of the

Industrial and National Standards applying to such equipment including the related Measuring and Testing Standards and what measures are required to ensure that they are properly controlled, calibrated, and adjusted at specified periods to maintain accuracy within necessary limits to ensure that the Regulatory requirements of 10CFR50, App. B.XII are met, and that the related inspection requirements necessary to achieve this under 10CFR50, App. B.X are also met.

Measuring and Test Equipment which is typical of the subject of this evaluation include Torque Wrenches, Dial Indicators, Tachometers, Outside Diameter Micrometers, Depth Micrometers, End Rods, Thread Micrometers, Level Cables, Height Gauges, Internal Diameter Micrometers etc.

The contractor will be required to review the Allegations package together with the Non-Documented concerns to determine the particular items and related generalized areas of concern in respect of the Control Of Measuring And Test Equipment and then inspect and evaluate the actual material processes by which this accomplished and in so doing also review the related Programs established by the licensee for it's accomplishment to related Regulatory Requirements: These programs include references under Sections J.2 and J.3 of this Statement of Work.

The Diablo Canyon Facility is located near the city of San Luis Obispo in San Luis Obispo County, California, approx. 250 miles South of San Francisco.

#### D SCHEDULE OF ACTIVITIES FOR WORK, MEETINGS AND TRAVEL.

Task 1. December 03--07, 1990: Preparation

Technical Monitor will arrange for a Package of Allegation Materials to be forwarded to the Home Office of the Contractor by 10.00 am of December 03. This material will include the Information listed in Section J of this Report. Contractor will review and evaluate this material and prepare and Inspection Protocol for the on-site inspection for the following week. A total period of 40 hrs is allocated to this task.

Task 2. December 09--14, 1990: On-site Inspection.

December 09 As necessary Contractor will travel to the Diablo Canyon Site to be available on the morning of December 10 at the NRC Resident's office of the Diablo Canyon Facility at 8.00 a.m to meet with the Technical Monitor to confirm the inspection protocol and commence inspection of the facility. Independent inspection by the contractor will proceed over total period of 5 days at the site. A pre-exit meeting will be held with Regional representatives on the afternoon of Thursday December 13 for which a draft report will be prepared by the contractor for presentation and discussion. A final draft report will be prepared by the contractor for an Exit meeting with the licensee

on the morning of Friday December; this meeting is expected to conclude by 10.00 a.m. to enable departure of the contractor for Home Office.

Task 3. December 17 -21, 1990: Prepare input to draft Final Inspection report.

At Home Office, contractor prepares this input over a total period of 40 hrs and to be sent by expedited delivery to reach the Technical Monitor by no later than 10.00.a.m Monday 04 December 24.

In addition to the hard copy of the report, the contractor shall provide an electronic copy of the report to the NRC Technical Monitor as IBM compatible software (Word Perfect or other mutually agreeable IBM PC compatible word processing software)

Task 4. December 24-31, 1990.

At Home Office, on December 24, the contractor answer's requests for clarification by Technical Monitor in his preparation of his Final Inspection Report. Contractor also prepares and submits Final Report in accordance with Contract Sections F.3.1(e) and F.3.1.(f), for delivery by no later than December 31 1990. Total time allowed the contractor for this period is 16 hrs.

## E REPORTING REQUIREMENTS

### Technical Reports:

During the course of Task 1 the contractor shall provide input to the inspection plan in a format to be provided by the Technical Monitor as specified in Section F.3.1(a) of the basic contract

During the course of the on-site inspection Task 2, the contractor shall provide daily reports in a format and scope to be provided by the NRC Technical Monitor, as specified in Section f.3.1.(b) of the basic contract

At the completion of Task 2, prior to the inspection team's exit meeting with the licensee, the contractor shall provide a draft of the inspection report that documents the contractor's inspection activities, efforts and findings, as specified in Sections F.3.1(c) and F.3.1(d) of the basic contract. The format and scope of this input shall be as provided by the Technical Monitor

For the completion of Task 3 a final of the draft inspection report shall be provided in a format to be provided by the Technical Monitor and shall as a minimum contain the information required by Clause F.3.1.(c) of the basic contract.