



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

NOV 13 1990

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

Dear Mr. Lofy:

Subject: Task Order No. 9 Under Contract No. NRC-03-89-029 Entitled
"Vender Inspection of Westinghouse Energy Systems (WES)
FIN L-1351)

This letter confirms verbal authorization provided to Lou Albers by
Sharlene McCubbin, of my staff, to commence work on the subject Task Order
effective November 5, 1990.

In accordance with Section G.6, Task Order Procedures, of the subject
contract, this letter definitizes Task Order No. 9. This effort shall be
performed in accordance with the enclosed Statement of Work and Parameter
Inc.'s proposal dated November 5, 1990, incorporated herein by reference.

The period of performance for Task Order No. 9 is November 5, 1990 through
January 11, 1991. The total cost ceiling is \$22,681.21. The amount of
\$22,114.48 represents the total reimbursable costs, the amount of \$13.87
represents the facilities capital cost of money, and the amount of \$552.86
represents the fixed fee.

Accounting data for Task Order No. 9 is as follows:

B&R No.:	020-19-14-03-0
FIN No.:	L-1351-0
Appropriation No.:	31X0200.200
Obligated Amount:	\$22,681.21
(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:

J. Hallberg
W. Balodis

9011300313 901116
PDR CONTR
NRC-03-89-029 PDC

STATEMENT OF WORK FOR TASK ORDER NO. 9

UNDER CONTRACT NO. NRC-03-89-029 (FIN L-1351)

Title: Vendor Inspection of Westinghouse Energy Systems (WES)

Lead Inspector: Richard Wilson, NRR (301) 492-0997

Project Manager: Robert B. A. Licciardo, NRR (301) 492-1240

Period of Performance: October 31, 1990 through January 11, 1991

Report Number. 99900404/90-01

A. BACKGROUND

This is a routine inspection which will be conducted to review WES's Quality Assurance program and their program for dedicating commercial-grade components for safety-related application and to review specific technical issues such as 10 CFR Part 21 reports and 10 CFR 50-72 Immediate Notification Requirement for pressurized water reactors (PWRs).

B. OBJECTIVE

The objective of this Task Order is to obtain specialized technical assistance from Parameter, Inc. to assist the staff in a vendor inspection of WES's procurement and commercial-grade dedication activities, vendor audit program, and a review of various technical issues related to PWR systems, and electrical and instrumentation and control components at various utilities.

C. WORK REQUIREMENTS

The contractor will provide one specialist experienced in the operation of commercial pressurized water reactors and qualified to provide specialized technical assistance on safety-related PWR electrical/I&C and reactor systems and related components, with experience in procurement, commercial-grade dedication, and QA methods and techniques, to perform the work outlined below. Contractors who have past NRC inspection experience in these inspection areas, and previously held a Senior Reactor Operators License, are preferred.

Westinghouse Energy Systems is located at Monroeville, approximately 12 miles from the center of Pittsburgh, PA.

D. SCHEDULE OF ACTIVITIES FOR WORK, MEETINGS AND TRAVEL

Scheduled Completion

1. November 6, travel to WASH DC to be at NRC Headquarters at 8:00 a.m. on November 7, for a period of 2 days to plan and discuss the inspection. Return to home office.

November 6-8, 1990

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2. On November 13, travel to, and arrive at WES, Monroeville by 1:00 p.m. to participate in the inspection to review specific technical issues relating to PWR systems and components which have been identified as potential operability concerns at various utilities, specifically:
- November 13-16
- a. Review WES's Potential Item (PI) file, if applicable.
 - b. Review examples of commercial-grade item dedication as directed by Team Leader.

Return to home office on November 16.

3. At home office, over a total period of no more than 48 hrs., contractor reviews inspection material and prepares for repeat visit to site; and also commences report writing.
- November 19-30
4. Travel to WES and over a total period of 5 days, continue activities described under Task 2 above and prepare input for the exit briefing scheduled for the morning of Friday, December 07. Return to home office on December 07.
- December 03-07
5. Prepare input to Inspection Report from home office over a maximum period of 40 hrs. Mail final report to team leader by express mail to arrive at NRC HQ on December 17, by 10:00 a.m.
- December 10-14, 1990
6. Deliver Final Inspection Report to Sections 4(d) and 4(c) of the Contract.
- December 21, 1990

E. TECHNICAL REPORTING REQUIREMENTS

During the course of Tasks 1 and 2, the contractor specialist shall provide inspection plan input to the NRC Team Leader as specified in Section F. 4(a) of the basic contract. The format and scope of this input shall be as provided by the NRC team leader.

During the course of the on-site inspections, Tasks 2 and 4, the contractor specialists shall provide daily reports to the NRC Team Leader as specified in Section F. 4(b) of the basic contract. The format and scope of these reports shall be as provided by the Team Leader.

At the completion of Task 4 (prior to the inspection team's exit meeting with the licensee), the contractor shall provide report input to the NRC Team leader as specified in Section F. 4(c) of the basic contract. The format and scope of this input shall be as provided by the Team leader. Typically, this input will consist of handwritten draft summaries of the specialist's inspection activities and findings, and will be used by the Team Leader to prepare for the exit meeting with the licensee.

At the completion of Task 5, the contractor specialist shall submit a final inspection report input in accordance with Sections F. 4(c) and F. 4(e) contract. The format of this report is to be provided by the Team Leader. Any findings identified as non-conformances should be written as such.

All final inspection reports shall be delivered in accordance with Sections F. 4(d) and F. 4(e) of the basic contract.

Monthly Business Letter Reports:

The contractor shall provide monthly progress reports as specified in Section F. 5 of the basic contract.

F. LEVEL OF EFFORT

For planning purposes: The level of effort is estimated at 22 professional staff days plus one travel day for the tasks as follows:

<u>Tasks</u>	<u>Work (days)</u>	<u>Travel Days</u>
1	2	1
2	4	
3	6	
4	5	
5	5	
6	2	
	<u>24</u>	<u>1</u>
Total	24	1

G. PERIOD OF PERFORMANCE: 10/31/90 through 1/11/91

H. SCHEDULE: See Item D above.

I. APPLICABLE SPECIAL PROVISIONS

The subcontractor specialist shall coordinate travel arrangements with the NRC team leader.

J. NRC FURNISHED MATERIALS

Reports and other documents required to complete the work will be provided to the specialist during the planning meeting.