



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

SEP 21 1990

RECEIVED
SEP 24 1990
AECL Technologies
Rockville, Maryland

AECL Technologies
ATTN: Mr. D. R. Shiflett
15400 Calhoun Drive
Suite 100
Rockville, Maryland 20855

Dear Mr. Shiflett:

Subject: Task Order No. 11 Under Contract No. NRC-03-90-031 Entitled
"Electrical Distribution System Functional Inspection Guidance
Course" (FIN L-1528)

This letter confirms verbal authorization provided to Bruce Diest on September 14, 1990 by Brenda DuBose, of my staff, to commence work under the subject task order effective September 17, 1990, with an established ceiling of \$9,478.43.

In accordance with the task order procedures of the subject contract, this letter definitizes Task Order No. 11. This effort shall be performed in accordance with the enclosed Statement of Work and the Contractor's proposal dated September 13, 1990, incorporated herein by reference.

Task Order No. 11 shall be in effect from September 17, 1990 through September 21, 1990, with a cost ceiling of \$9,478.43. The amount of \$9,455.61 represents the total estimated costs and the amount of \$22.82 represents the fixed fee.

Accounting data for Task Order No. 11 is as follows:

B&R No.:	020-19-14-03-0
FIN No.:	L-1528-0
Appropriation No.:	31X0200.200
Obligated Amount:	\$9,478.43

The following individuals are considered to be essential to the successful performance of the work hereunder:

B. Diest
J. Panesar

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

Mr. D. R. Shiflett

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

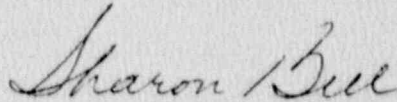
Your contacts during the course of this task order are:

Technical Matters: Wayne C. Walker
Project Officer
(301) 492-1232

Contractual Matters: Brenda J. DuBose
Contract Management Assistant
(301) 492-7442

Please indicate your acceptance of this task order 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 Administrator. You should retain the third copy for your records.

Sincerely,



Timothy F. Hagan, Contracting Officer *JFH*
Contract Administration Branch No. 1
Division of Contracts and
Property Management
Office of Administration

Enclosure:
As stated

ACCEPTED: Task Order No. 11

D.R. Shiflett
NAME

V.P. & General Manager
TITLE

Sept. 27, 1990
DATE

Contract NRC 03-90-031
AECL Technologies

STATEMENT OF WORK
Task Order 011

Title: EDSFI Guidance Course for AECL Employees

DOCKET NUMBER:

INSPECTION REPORT:

FIN: L-1528

NRC PROJECT MANAGER: Wayne Walker, NRR (301-492-1232)

NRC TEAM LEADER: Robert Gramm, NRR (301-492-1991)

NRC CONTRACT ADMINISTRATOR: Brenda DuBose, ARM (301-492-7442)

PERIOD OF PERFORMANCE: September 17, 1990 to September 21, 1990

BACKGROUND

NRC Headquarters Special Inspection Branch has the responsibility to obtain design consultants to support inspections. There are several varieties of inspections that utilize design inspectors. These include Safety System Outage Modification Inspections (SSOMI), Safety System Functional Inspections (SSFI), Electrical Distribution Functional Inspections (EDFI), and Engineering Technical Support.

All of these inspections require on-site inspection activities. The EDSFI Guidance Course is being provide to two Senior AECL employees to give them further insights into the goals of the NRC EDSFI inspections.

OBJECTIVE

The objective of this task order is to have two senior AECL technical personnel complete the NRC EDSFI Guidance Course (i.e. the technical manager coordinating selection of AECL engineers for EDSFIs and a key electrical specialist who will be used extensively on future EDSFIs). This will allow them to transfer information to other AECL personnel who will be supporting NRC electrical design inspections.

WORK REQUIREMENTS AND SCHEDULE

The work specified in this statement of work (SOW) falls within Section C.1.3 of the basic contract's SOW. The contractor shall provide two senior specialists to attend the EDSFI Guidance Course.

TASK

1. Attend class room sessions which will provide a understanding of:

SCHEDULE

The course is scheduled to take place on or about September 18-20, 1990

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- a. EDSFI overview
- b. Functional description of EDS.
- c. Functional description of electrical equipment.
- d. Functional description of generic electrical attributes.
- e. Engineering and technical support requirements.
- f. Previous inspection findings.

2. Prepare a summary report on the course.

No later than
fifteen working
days following
completion of
training.

REQUIREMENTS

At the completion of Task 1, the specialists should have an enhanced knowledge of the EDS and EDS inspection methodology.

At the completion of Task 2, the contractor shall provide a summary report listing of all contractor specialists, their technical discipline and the specific course work completed. The contractor shall also provide an explanation of the proposed method which will be used to disseminate information concerning EDSFI guidance to other AECL employees who will be participating in EDSFIs in the future.

BUSINESS LETTER REPORTS

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

MEETINGS AND TRAVEL

One, two-person, three day trip to Chattanooga, Tennessee to attend EDSFI Guidance Course.

ESTIMATED LEVEL OF EFFORT

<u>Number</u>	<u>Discipline</u>	<u>Hours</u>
1	Project Manager	5
1	Mechanical systems	24
1	Electrical engineer	24
	Support staff	5

The estimated level of effort for each of the specialists consists of 24 hours for classroom instruction.

It shall be the responsibility of the contractor to assign technical staff, employees, 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 SOW.