



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

July 20, 2000

Advanced Technologies and Laboratories
International, Inc.
ATTN.: Ms. Ray-way Hwang
20251 Century Boulevard, Suite 200
Germantown, Maryland 20874

SUBJECT: TASK ORDER NO. 2 ENTITLED "TECHNICAL ASSISTANCE FOR THE ENVIRONMENTAL REVIEW OF THE LICENSE RENEWAL APPLICATION FOR THE GENERAL ELECTRIC MORRIS OPERATION INDEPENDENT SPENT FUEL STORAGE INSTALLATION" UNDER CONTRACT NO. NRC-02-00-010

Dear Ms. Hwang:

In accordance with Section G.5(c) entitled "Task Order Award," of the subject contract, this letter definitizes the subject Task Order. This effort shall be performed in accordance with the enclosed Statement of Work .

Task Order No. 2 shall be in effect from July 21, 2000 through July 1, 2002. The total cost ceiling is \$328,205.79, of which the sum of \$306,734.39 represents the reimbursable costs and the sum of \$21,471.40 represents the fixed fee. The following cost ceilings are established for each period specified:

Period	Cost Ceiling	Cost	Fee
7/21/00 - 9/30/00	\$ 71,356.45	\$ 66,688.27	\$ 4,668.18
10/1/00 - 9/30/01	\$171,431.17	\$160,216.05	\$11,215.12
10/1/01 - 7/1/02	\$ 85,418.17	\$ 79,830.07	\$ 5,588.10

The Contractor shall not exceed the established cost ceiling, during the specified period, without prior written authorization by the Contracting Officer. Any work undertaken by the Contractor in excess of the cost ceiling specified above, for the associated period, is done so at the Contractor's sole risk.

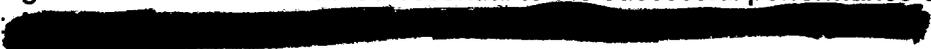
This Task Order No. 2 obligates funds in the amount of \$50,000.00.

The obligated amount shall, at no time, exceed the task order ceiling. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, the Contractor shall not be obligated to continue performance of the work unless and until the Contracting Officer shall increase the amount obligated with respect to this task order. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk.

NRC-02-00-010 - Task Order No. 2

Accounting data for this task order is as follows:

B&R No.: 05015202105
Job Code No.: J5281
BOC: 252A
APPN No.: 31X0200
FFS No.: 5000R075
Obligated Amount: \$50,000.00

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

The Contractor agrees that such personnel shall not be removed from the effort under the task order without compliance with Contract Clause H.5, Key Personnel.

Your contacts during the course of this task are:

Technical Matters: Scott Flanders, Technical Monitor
(301) 415-1172

Penelope Kinney, Project Officer
(301) 415-7805

Contractual Matters: Joyce Fields, Contracting Officer
(301) 415-6564

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

Please indicate your acceptance of this task order by having an official, authorized to bind your organization, execute three (3) copies of this document in the space provided below and return two (2) copies to the U.S. Nuclear Regulatory Commission, ATTN: Ms. Joyce Fields, Division

NRC-02-00-010 - Task Order No. 2

of Contracts and Property Management, T-712, ADM/DCPM/CMB2, Washington, D.C. 20555.
You should retain the third copy for your records.

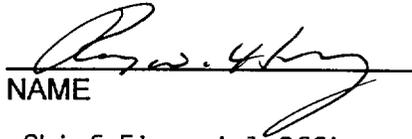
Sincerely,



Joyce A. Fields, Contracting Officer
Contract Management Branch No. 2
Division of Contracts and
Property
Office of Administration

Enclosure:
As stated

ACCEPTED:


NAME

Chief Financial Officer

TITLE

July 24, 2000

DATE

STATEMENT OF WORK

PROJECT TITLE: Technical Assistance for the Environmental Review of the License Renewal Application for the General Electric Morris Operation Independent Spent Fuel Storage Installation

JOB CODE NO.: J5281

TASK ORDER NUMBER: TBD

B&R: 050-15-202-105

CONTRACT NUMBER: NRC-02-00-010

DOCKET NO.: 72-1

NRC TECHNICAL PROJECT MANAGER (TPM): Scott Flanders, (301) 415-1172

NRC TECHNICAL ASSISTANCE PROJECT MANAGER (TAPM): Penelope Kinney, (301) 415-7805

FEE RECOVERABLE: Yes

1.0 Background

This Statement of Work (SOW) describes technical assistance activities to be performed in support of the Spent Fuel Project Office (SFPO) environmental review of the updated Safety Analysis Report (SAR) for the license renewal application for the General Electric Morris Operation, an independent spent fuel storage installation (ISFSI). A renewal application is anticipated in May 2000 and the current license expires in May 2002. The technical assistance activities include the preparation of an environmental assessment (EA), the development of generic EA templates for future ISFSI (wet or dry) license renewal applications, and initial at-reactor ISFSI license applications. The safety review for the license renewal of the facility will be performed under another task order.

The contractor will be required to perform an environmental review of the renewal application and supporting Environmental Report, consistent with the intent of the National Environmental Policy Act of 1969 (NEPA) and the requirements of 10 CFR Part 51, and to prepare an EA.

2.0 Objective

The objectives of this task are for the contractor to (1) provide technical assistance to the NRC in the environmental review for the GE-Morris renewal application and (2) prepare generic guidance to assist the staff in the preparation of future EAs for ISFSI applications.

10 CFR Part 51 requires that an environmental assessment (EA) be completed for all domestic licensing actions except those identified in 10 CFR Part 51.20(b) as requiring an environmental impact statement, or 10 CFR Part 51.22(c) or (d) as a categorical exclusion, or not requiring an environmental review. The renewal of an ISFSI license is not identified in 10 CFR Part 51.20(b) or 51.22(c) and (d). Therefore, an EA is required to satisfy the statutory requirements of the agency.

This review is a first since the agency has not renewed the license for an ISFSI. The templates, which will be provided under this task, will serve as models for future EAs to ensure compliance with the requirements of NEPA.

The deliverables will include an EA for the GE-Morris renewal application, generic templates for the preparation of EAs for future ISFSI renewal applications, as well as, future at-reactor site ISFSI applications.

The EA will be used to support the NRC's licensing decision and to satisfy the agency's statutory requirements. In addition, the contractor will be required to provide technical support to the staff and expert testimony in the event a hearing is conducted, should a petition to intervene be requested and granted.

3.0 Technical and Other Special Qualifications

The principal investigators should represent the requisite technical expertise and provide technical continuity during the entire review process. They should have professional credentials in the technical areas assigned to them that will qualify them as expert witnesses for testifying at public hearings. They should have an understanding of the depth of review generally required by the NRC. Expertise should be provided in project management, environmental regulation and compliance, including NEPA, and in the technical areas of hydrology (groundwater modeling), ecology, health physics/ radiation protection, socioeconomics, and geology.

4.0 Level of Effort

The estimated level of effort required to complete this task is 1.75 FTE as provided below.

FY 2000 0.50 FTE

FY 2001 0.75 FTE

FY 2002 0.50 FTE

5.0 Period of Performance

The period of performance shall commence with the receipt of the renewal application (expected May 1, 2000) and shall continue until July 1, 2002.

6.0 Scope of Work

The contractor shall perform the subtasks identified below.

Subtask A: EA Preparation:

- Subtask A1. Project Overview
 - Review the applicant's Environmental Report (ER) and Safety Analysis Report (SAR) and become familiar with the GE-Morris ISFSI facility. Become familiar with ISFSI technology and how construction and operation of an at-reactor site ISFSI can affect the environment.
- Subtask A2. GE-Morris EA Outline

Prepare a draft outline for the GE-Morris EA. The outline shall identify each section of the EA and provide some description of the content of that section. The NRC's TPM will provide comments on the outline.
- Subtask A3 Generic Template Outline
 - Prepare a draft outline for generic EA templates (for renewals and licensing of at-reactor ISFSIs). The outline should identify each section of the EA and provide a description of the content of each section.
- Subtask A4. GE-Morris Site Visit
 - Visit GE-Morris site for familiarization.

Subtask B: Request for Additional Information

- Subtask B1. First Request for Additional Information
 - Based on a review of the GE-Morris ER, SAR, and site visit, the contractor shall submit to the NRC TPM a draft which identifies additional information that must be requested from the licensee in order to complete the EA. The NRC TPM will review the RAI and request revisions as necessary.
- Subtask B2. Review Applicant's Response to First RAI
 - Review applicant's response to first RAI to determine if the RAI contained all the additional information necessary to complete the EA. Submit a brief to the NRC TPM in accordance with section 10.0 below. The brief should identify the areas where the applicant did not provide the information requested.
- Subtask B3. Second RAI
 - If necessary, a second round of RAIs will be prepared to obtain any information not provided in the original response. The second round of RAIs should only result from an incomplete response by the applicant or as a result of a change to the renewal application. If a second round is

necessary, it should be prepared in conjunction with the preparation of the EA. The RAI requests should be traceable to known data gaps in the EA, such that it is clear why the information is being requested.

- Subtask B4. Meetings with Applicant Regarding the Second RAI
 - At NRC's request and with the approval of the NRC TPM, the contractor will meet with the applicant to clarify and discuss any of the requests included in the second RAI.
- Subtask B5. Review of Applicant's Response to the Second RAI
 - Review the applicant's responses to the second RAI and submit a brief to the NRC TPM which discusses the completeness of those responses.

Subtask C: Prepare GE-Morris EA

Conduct analyses and assessments of the potential impacts of the proposed action and prepare a EA for review by the NRC TPM. The EA should include a discussion of the purpose and need, alternatives (including the no-action alternative), environmental impacts and a finding of no significant impact, if appropriate. If a finding of no significant impact cannot be reached, the environmental impact(s) of concern should be identified and the basis for the conclusion should be documented in a letter to the TPM.

Subtask D: Prepare Generic EA Templates

After completing task A3, the contractor shall prepare two generic EA templates. The scope of the templates should provide guidance for all technical areas (e.g., hydrology, ecology, socioeconomic, purpose and need, alternatives, etc.). The template should include standard text where appropriate, as well as review guidance to assist the reviewers in the preparation of the EA. References and additional sources should also be included for each section.

7.0 Meetings and Travel

Meetings may be requested by the TPM or the contractor on an as needed basis. Approximately six meetings are anticipated over the course of the task order; an initial meeting following the submittal of the application; meetings following the issuance of the RAIs; a meeting to focus on template development; and two additional meetings to resolve any outstanding issues. At the discretion of the TPM, meetings may be held at NRC Headquarters in Rockville Maryland, at the contractors offices, or at the site in Morris, Illinois and/or GE-Morris offices in Wilmington, N.C. Anticipated travel to support the above meetings include up to four trips of three days each by three contractor staff to NRC Headquarters or GE-Offices, and up to two trips of three days by three contractor staff to the GE-Morris site. NRC will only fund those trips approved by the NRC Contracting Officer in advance, which are within the scope of this SOW.

8.0 NRC Furnished Material

The NRC will furnish to the contractor copies of documents submitted under Docket 72-1. NRC will also provide the contractor with copies of NRC's current regulations, guidance documents, storage and transportation casks documents, and other documents identified by the TPM or the contractor as pertinent to performing the required work.

9.0 Financial Status Reports

The contractor shall submit a Financial Status Reports (FSR) each month in accordance with the requirements specified in Section F.4 of the basic contract with distribution to the: (1) NMSS TAPM, (2) NMSS/SFPO TPM [2 copies], and (3) NMSS/SFPO Program Coordinator.

10.0 Deliverables

All deliverables with an anticipated schedule is provided below.

GE-Morris EA outline	45 days after receipt of application
Generic EA template outline	60 days after initiation of GE-Morris review
GE-Morris site visit	15 days after receipt of application
Request for Additional information	30 days after NRC comments on draft EA
Brief of RAI Responses	15 days after receipt of first RAI response
Second RAI (if necessary)	45 days after brief of response to first RAI
GE- Morris EA	60 days after receipt of all necessary information to complete the EA
Generic EA Templates	90 days after receipt of NRC comments on template outlines.

11.0 Technical Direction

Penny Kinney is the NMSS Technical Assistance Project Manager (TAPM) and is the focal point for all contract related activities. All work assignments and program funding actions are initiated by the NMSS TAPM who submits all requests to the Division of Contracts and Property Management (DCPM) for processing. All proposed work scope or schedule changes must be submitted through the NMSS TAPM for DCPM.

Scott Flanders is designated the NMSS/SFPO Technical Project Manager (TPM) and is responsible for providing technical guidance to the contractor regarding staff interpretations of

the technical aspects of regulatory requirements, along with copies of relevant documents when requested by the contractor. All products must be reviewed and approved by the TPM before they are submitted as final documents. All technical directions given to the contractor must be consistent with the work scope and schedule. The NMSS TPM is not authorized to unilaterally make changes to the approved work scope or schedule, or give the contractor any directions that would increase costs over approved levels. The Contracting Officer is the only individual authorized to make changes to this task.