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

NOV 29 1999

Enercorp Federal Services Corporation
ATTN: Steve Ruffin, President
419 Hungerford Drive, Suite 104
Rockville, MD 20850

Dear Mr. Ruffin:

SUBJECT: TASK ORDER NO. 3, UNDER CONTRACT NO. NRC-02-98-011

In accordance with Section G.5, Task Order Procedures, of the subject contract, this letter definitizes Task Order No. 3. This effort shall be performed in accordance with the enclosed Statement of Work.

Task Order No. 2 shall be in effect from November 29, 1999 through July 31, 2000. The total cost ceiling for the subject task order is \$41,030 of which the amount of \$38,028 represents the reimbursable costs, and the amount of \$3002 represents the fixed fee. Funds in the amount of \$41,030 are obligated to fully fund this task order.

Accounting data for this task order is as follows:

- B&R No.: 05015201105
- BOC: 252A
- FIN No.: J5250
- APPN No.: 31X0200
- FFS: 5000R024
- OBLIGATED AMOUNT: \$41,030

The following individual(s) are considered to be essential to the successful performance of the work hereunder:
Robert Samworth

The Contractor agrees that such personnel shall not be removed from the effort under the task order without compliance with Contract Clause H.2, Key Personnel.

DF02

PDR CONTR. NRC-02-98-011

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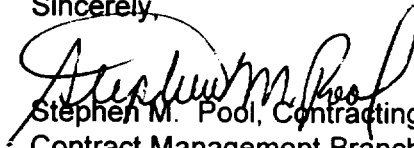
Your contacts during the course of this task order are:

Technical Matters: Donna Umbel - Project Officer
301/415-7819
Michael Lamastra - Technical Monitor
301/415-8139

Any contractual matters should be referred to me on 301/415-8168.

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 who is authorized to bind your organization, execute three copies of this document in the spaces provided below and return two fully executed copies to me. You should retain the third copy for your records.


Sincerely,



Stephen M. Pool, Contracting Officer
Contract Management Branch No. 1
Division of Contracts and
Property Management

Enclosure:
As stated

ACCEPTED: Task order No. 3

STEVE RUFFIN 

NAME

PRESIDENT

TITLE

11/30/99

DATE

TASK ORDER #3 STATEMENT OF WORK

Measurements of Radionuclides in the Environment Sampling and Analysis of Plutonium in Soil

1. Objective

The objective of this task is to update Regulatory Guide 4.5, Measurements of Radionuclides in the Environment - Sampling and Analysis of Plutonium in Soil, to reflect applicable new information, codes, specifications, methodologies, current NRC standards, and other generic guidance.

2. Level of Effort (LOE)

For Planning purposes, it is estimated that this project will take approximately 312 hours to complete. The estimated LOE for revisions to Regulatory Guide 4.5 is 8.0 staff weeks.

3. Period of Performance

The period of performance for the work specified in this task order shall commence on the effective date of this task order and shall continue for approximately 8 months.

4. Scope of Work

The contractor shall provide technical assistance to NMSS/FCSS/LIB in developing revisions to Regulatory Guide 4.5, Measurements of Radionuclides in the Environment Sampling and Analysis of Plutonium in Soil. The scope of this effort involves the following:

- a. Update references to current regulations, particularly 10 CFR Parts 20, 70, and 76.
- b. Perform a review of current techniques for soil sampling and soil sample preparation. Determine if any of the current NUREG/CR or Regulatory Guides (for example those on uranium soil sampling or decommissioning or termination of license) should be referenced instead of the current Appendix A. If not, update Appendix A as appropriate.
- c. Perform a review of current techniques for analyzing plutonium in soil. Add any recent developments in measurements of radionuclides in the environment sampling and analysis of plutonium in soil that provide acceptable and reasonable alternatives to the methods endorsed by this guide, and update Appendix B as appropriate.
- d. Identify and assess the cost implications of the proposed changes to the Regulatory Guide.

5. NRC-Furnished Materials

The NRC shall provide the contractor with both paper and electronic copy formatted in WordPerfect 8 (if available) of:

- a. Regulatory Guide 4.5, Measurements of Radionuclides in the Environment Sampling and Analysis of Plutonium in Soil
- b. Title 10, Parts 20, 70, and 76 of the US Code of Federal Regulations

6. Meetings and Travel

All travel associated with this task order shall be approved in advance. All such travel shall result in trip reports, which may be issued separately or as part of the next monthly letter status report. Copies of separately issued trip reports shall be submitted within 15 days of the completion of travel. It is estimated that a minimum of three trips to NRC Headquarters will be needed for the purpose of: (1) discussions with NRC on work requirements of each task order, before commencing work; and (2) discussions with NRC staff on development of contractor products as circumstances warrant. When practical, telephone conference calls shall be held in lieu of meetings at NRC Headquarters.

7. Deliverable Products / Schedule

The contractor shall prepare all deliverables in WordPerfect 8, unless directed otherwise, and submit this to the NRC with a paper and disk copy as detailed in the schedule below. Draft products will be noted as such by use of a watermark. Final technical reports shall be presented to the NRC in "camera-ready" form and ready for NRC publication.

- a. Within two weeks after issuance of this task order, the contractor shall provide the NRC with a draft outline of the proposed format and content for the revised guidance documents for Regulatory Guide 4.5.
- b. Within two weeks after receipt of (a) above, the NRC shall review and provide comments to the contractor.
- c. With two weeks after receipt of NRC comments in (b) above, the contractor shall provide a final document outline to the NRC.
- d. Within two weeks after receipt of (c) above, the NRC shall review and provide comments to the contractor
- e. Within ten weeks after completion of the final outline in (d) above, the contractor shall provide the NRC with the first draft of the document identified for development.
- f. Within four weeks after NRC receipt of the draft document in (e) above, the NRC will provide comments to the contractor.

- g. Within five weeks after contractor receipt of NRC comments in (f) above, the contractor will provide the NRC with a revised draft document, including the cost implications.
- h. Within four weeks after NRC receipt of the revised draft document in (g) above, the NRC will provide comments to the contractor.
- i. Within five weeks after contractor receipt of NRC comments in (h) above, the contractor will provide the NRC with the final document.

MONITORS

The NRC Task Order Technical Project Manager (TOTPM) for this task order is Michael Lamastra, (301) 415-8139. The Project Officer for this contract and associated task work orders is Donna Umbel.