



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

DEC 22 2003

ASTM, Inc.
ATTN: Bing Ran
2136 Gallows Road, Suite F
Dunn Loring, VA 22027

Subject: Task Order 2 under Contract NO. NRC-08-04-414 Entitled "Strengthening Regulatory Oversight of Radioactive Sources"

In accordance with Section G.4, Task Order Procedures, of the subject contract, this letter definitizes Task Order No. 2. This effort shall be performed in accordance with the enclosed Statement of Work and ASTM, Inc. technical proposal dated December 12, 2003, which is hereby incorporated by reference.

The period of performance for Task Order No. 2 is January 1, 2004 through December 31, 2005. The total cost ceiling is \$996,287.27. The amount of \$922,488.22 represents the total reimbursable costs and the amount of \$73,799.05 represents the fixed fee.

Accounting data for Task Order No. 2 is as follows:

B&R No.: 47040401557
Job Code: A2003
BOC Code: 252A
APPN: 3/41093
OIP ID: OIP-04-300 Amend. 2
Amount: \$150,000.00 (This amount was obligated under the basic contract)

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: John Ramsey, Project Officer
(301) 415-2744

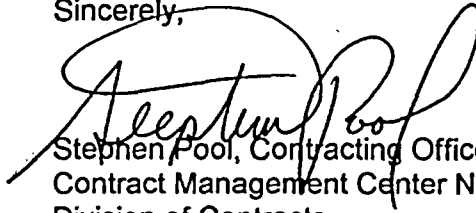
Contractual Matters: Sharlene McCubbin, Contract Specialist
(301) 415-6565

TEMPLATE - ADM001

ADM002

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 Specialist. You should retain the third copy for your records.

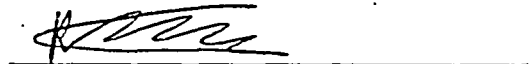
Sincerely,



Stephen Pool, Contracting Officer
Contract Management Center No. 2
Division of Contracts
Office of Administration

Enclosure:
As Stated

ACCEPTED: TASK ORDER NO. 2



NAME

Bing Ran

TITLE

Executive Vice President

DATE

12/30/03

STATEMENT OF WORK FOR TASK NUMBER 1
SUPPORT TO ATOMIC ENERGY COMMITTEE OF THE
REPUBLIC OF KAZAKHSTAN
OCTOBER 2003

ACTIVITIES TO BE CONDUCTED

ACTIVITY 1 PROGRAM PLANNING AND MANAGEMENT

The contractor shall assist the Atomic Energy Committee of the Republic of Kazakhstan (KAEC) and its technical support organizations in the establishment of a long-term development plan. The plan will identify the priority areas, define detailed scope of work, schedule and level of effort. The contractor shall assist KAEC in the periodic review and update of the long-term development plan.

The contractor will periodically review and develop in consultation with the NRC and the KAEC the short-term objectives and short term scope of work. The short term objectives and scope of work will depend on such things as achievements to date, immediate KAEC needs, funding availability and other factors.

The contractor shall develop an appropriate contractual relationship with KAEC and/or other entities needed to perform work under this support program. The contract will identify the process for preparation, review and issuing of task orders, establish appropriate labor rates, and establish the criteria and the process for work acceptance and financial and technical reporting.

ACTIVITY 2 REVIEW AND ASSESSMENT OF EXISTING BASIC NUCLEAR-RELATED REGULATIONS, STANDARDS AND GUIDES

The contractor shall assist the KAEC in reviewing nuclear-related regulations, standards and guides utilized in Kazakhstan and in comparing them to US and IAEA regulations, standards and guides. Differences (strengths, weaknesses, omissions, etc.) between nuclear-related regulations, standards and guides used in Kazakhstan and those utilized internationally should be identified and recommendations for improvements should be made. This review should be performed in cooperation with KAEC staff, as well as with other experts as identified by the KAEC.

All nuclear-related regulations, standards and guides utilized in Kazakhstan should be reviewed and assessed. However, priority should be given to regulations, standards and guides in the areas of:

- o nuclear power plant decommissioning;
- o radioactive waste;
- o spent fuel storage, packaging and transport;
- o fuel cycle facilities (including criticality issues);
- o research reactors;
- o radioactive sources;
- o operator licensing;
- o emergency planning; and
- o inspection standards and requirements.

- o Emergency Planning and Emergency Preparedness;
- o Onsite packaging and short-term storage of spent fuel;
- o Transportation and handling of spent fuel; and
- o Identification and assessment of potential intermediate-term (approximately 50 years) spent fuel storage sites, including storage technology.

The contractor may also provide needed technical expertise and advise to KAEC to support anticipated activities at fuel cycle facilities in Kazakhstan. This effort is expected to focus on criticality issues at the Ulba facility.

The contractor may also provide needed technical expertise and advise to KAEC to support anticipated activities involving utilization of radioactive sources in Kazakhstan.

All activities should be conducted in accordance with the regulations, standards, guides and procedures developed during Activities 2, 3, and 4 above.

ACTIVITY 6 COORDINATION OF ONGOING AND/OR PLANNED ACTIVITIES

The contractor shall assist KAEC in coordinating ongoing and/or planned activities with other involved entities. Such coordination could include (but is not necessarily limited to) representatives of other entities within the Government of the United States (for example, the Departments of State and Energy), representatives of entities within other governments (for example, the Federal Nuclear and Radiation Safety Authority and Ministry of Atomic Energy of the Russian Federation and EU) and representatives of international organizations (for example, the IAEA).

ANTICIPATED LEVEL OF EFFORT

ACTIVITY 1 PROGRAM PLANNING AND MANAGEMENT

The estimated level of effort for Activity 1 is 0.10 FTE over a 2-year period which is anticipated to start no later than January 1, 2004.

ACTIVITY 2 REVIEW AND ASSESSMENT OF EXISTING BASIC NUCLEAR-RELATED REGULATIONS, STANDARDS AND GUIDES

The estimated level of effort for Activity 2 is 0.50 FTE over a 2-year period, which is anticipated to start no later than January 1, 2004.

ACTIVITY 3 DEVELOPMENT OF NEW AND MODIFICATIONS TO EXISTING BASIC NUCLEAR-RELATED REGULATIONS, STANDARDS AND GUIDES

The estimated level of effort for Activity 3 is 0.50 FTE over a 2-year period, which is anticipated to start no later than January 1, 2004.

ACTIVITY 4 DEVELOPMENT OF NEW AND MODIFICATIONS TO EXISTING INTERNAL PROCEDURES

The estimated level of effort for Activity 4 is 0.25 FTE over a 2-year period, which is anticipated to start no later than January 1, 2004.

ACTIVITY 5 TECHNICAL SUPPORT

The estimated level of effort for Activity 5 is 1.00 FTE over a 2-year period, which is anticipated to start no later than January 1, 2004.

ACTIVITY 6 COORDINATION OF ONGOING AND/OR PLANNED ACTIVITIES

The estimated level of effort for Activity 6 is 0.10 FTE over a 2-year period, which is anticipated to start no later than January 1, 2004.

ANTICIPATED SCHEDULE AND DELIVERABLES

The contractor shall begin efforts to assist KAEC and its client organizations in the establishment of a long-term development plan (as specified in Activity 1) within 60 days after acceptance of this task.

The contractor shall provide the NRC project manager with copies of basic regulations, standards, guides, internal procedures, etc. developed under Activities 2, 3 and 4 within 60 days of their completion.

The contractor shall also prepare and submit a quarterly status report to the NRC project manager and the contracting officer. This report shall contain such information as:

Financial Status

- o Total Estimated Contract Amount;
- o Total Funds Obligated to Date;
- o Total Costs Incurred in the Reporting Period;
- o Detailed Costs Incurred During the Reporting Period;
- o Balance of Obligations Remaining; and
- o Balance of Funds Needed to Complete Contract/Task Order.

Technical Progress

- o Efforts Completed/Schedule Milestone Information;
- o Work Performed During the Reporting Period;
- o Plans for Next Reporting Period; and
- o Anticipated Problem Areas.

ANTICIPATED MEETINGS AND TRAVEL

The contractor shall maintain effective communication with both the NRC project manager and the KAEC project manager. Coordination meetings between the contractor, the NRC project

manager and the KAEC project manager throughout the duration of this task order are anticipated. Meetings will primarily be held at NRC offices in Rockville, Maryland, and at KAEC headquarters in Almaty, Kazakhstan. Meetings will be scheduled on an as needed basis. For planning purposes, it should be assumed that coordination meetings are held quarterly alternating between Rockville, Maryland and Almaty, Kazakhstan. In addition, the NRC project manager and the KAEC project manager may choose to periodically meet at the contractor's facility to review progress and to provide input into the project.

NRC FURNISHED MATERIAL

Materials under this task order will be provided on an as needed basis per mutual agreement.

CONTRACTOR ACQUIRED MATERIAL

Materials under this task order will be acquired on an as needed basis per mutual agreement.

PERIOD OF PERFORMANCE

The period of performance for the work specified in this SOW shall commence on the effective date of this task order and shall continue until two years after the effective date of this task order.