

NEGOTIATED PURSUANT TO

41 U.S.C. 252(c)(10)

TYPE OF CONTRACT

Time & Material

ISSUING OFFICE

U.S. Nuclear Regulatory Commission
Division of Contracts
Washington, DC 20555

(Place X in appropriate block)

- 1) Price Order
- 2) Unpriced Order (Task # 0003)

CONTRACTOR (Name and Address)

Science Applications, Inc.
8400 Westpark Drive
McLean, VA 22102

ACCOUNTING AND APPROPRIATION DATA

FIN No. B-6953-0 B&R No. 50-19-01-01

PLACE OF PERFORMANCE

Contractor's Facility and
Fuel Fabrication Facility

- 1) Monetary Limitation 50,000.00
- 2) Contract Amount

MAIL VOUCHERS TO

U.S. Nuclear Regulatory Commission
Office of the Controller
Washington, DC 20555

SPONSOR

EFFECTIVE DATE

6/5/80

EXPIRATION DATE

Six (6) months from
effective date of o

The Time/Material contract is issued pursuant to the terms and conditions of Basic Ordering Agreement Contract No. NRC-02-80-035 for providing technical licensing assistance.

The Contractor agrees to furnish and deliver all the supplies and perform all the services set forth in this contract, for the consideration stated herein. The entire contract between the parties, governing their respective rights and obligations hereunder consists of: (a) This contract, including this cover page and any additional provisions attached hereto, and (b) Basic Ordering Agreement Contract No. NRC-02-80-035.

~~NAME OF CONTRACTOR~~

~~BY~~

~~SIGNATURE OF AUTHORIZED INDIVIDUAL~~

~~TYPED NAME~~

~~TITLE~~

UNITED STATES OF AMERICA

BY

D. J. Dougherty

SIGNATURE OF CONTRACTING OFFICER

D. J. Dougherty, Chief
Technical Assistance Contracts Branch
Division of Contracts

6/5/80

DATE

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THIS CONTRACT CONSISTS OF:

1. Cover Page
2. Contents of Contract

ARTICLE I
ARTICLE II
ARTICLE III
ARTICLE IV

Description of Work
Consideration
Period of Performance
Key Personnel

Schedule

Article I DESCRIPTION OF WORK

Increase UF₆ to UO₂ Conversion Capacity-General
Electric Fuel Fabrication Plant, Wilmington, North Carolina

Fin No. B-6953-0
B&R No. 50-19-01-01

1.0 Background

The work specified in this task statement shall be performed in accordance with the terms and conditions specified in the master statement of work for Basic Ordering Agreement No. NRC-02-80-035, entitled "Licensing Technical Assistance."

2.0 Work Required

The contractor shall gather and analyze data and write an environmental assessment based on the analysis and consideration of the above mentioned site and its surroundings. This assessment shall include the following site specific information as well as relevant data collected from prior assessments as applicable.

1. Description of Site Environment
 - a. Site Location
 - b. Demography
 - c. Land Use
 - d. Geology
 - e. Hydrology (Groundwater and Surface Water)
 - f. Meteorology and Climatology
 - g. Background Radiological Characteristics
 - h. Ecology (Terrestrial and Aquatic Biota)
2. The Facility
 - a. External Appearance
 - b. Summary of Operations Processes
3. Waste Confinement and Effluent Control
 - a. Gaseous Effluents
 - b. Liquid Effluents
 - c. Solid Wastes
4. Environmental Impacts of Facility Operations
 - a. Radiological
 - b. Non-Radiological
5. Description of Environmental Monitoring Program
 - a. Radiological
 - b. Non-Radiological

6. Impact of Accidents
 - a. Radiological Accident Evaluation
 - b. Non-Radiological Accident Evaluation
 - c. Evaluation of Potential Environmental Impact of Accidents
7. Materials and Plant Protection
8. Summary and Conclusion of Environmental impacts of Operation

The environmental impact assessment shall include the radiological impact to the general public resulting from the proposed action, and also from postulated accidents. Individual dose and population dose up to a 50-mile radius from the plant shall be assessed. Non-radiological impact involving the release of toxic gases and liquid effluents from routine and accidental releases shall be assessed.

The above will constitute the bases for determining the environmental impacts of the proposed actions. In addition, the contractor shall provide an analysis of reasonable alternatives to the NRC Project Officer. These alternatives and recommendations shall center on means of reducing or avoiding adverse environmental effects and on alternative uses of available resources.

3.0 Additional Materials to be Furnished by NRC Project Manager

The NRC Project Manager will provide the following materials to the contractor within two days of contract award:

CEQ Guidelines (November 29, 1978)

Proposed 10 CFR Part 51

Environmental Impact Appraisal (B&W Apollo Plant)

4.0 Travel

After initial review of data, the contractor shall visit the above facility to acquire the site specific data and additional information necessary to prepare the EIA. At the same time, local and state officials will be visited, if necessary. It is expected that several contractor personnel will be required to spend up to one week at the facility. At times to be designated by the NRC Project Officer, the contractor will meet with the NRC in Silver Spring, Maryland, to discuss the problems progress and technical aspects of the EIA. Approximately three meetings are anticipated. These meetings shall not exceed one day in duration.

5.0 Reports

Report requirements are fully specified in Basic Ordering Agreement NRC-02-80-035.

