

SEP 03 1980

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NMSS/PPB 3.5 (A 2157)  
NMSS R/F  
R. Wilde, FC  
W. Nixon, FCUF  
J.R. Gresham, PSB

Mr. R. H. Bauer, Manager  
Chicago Operations Office  
U.S. Department of Energy  
9800 South Cass Avenue  
Argonne, Illinois 60439

Dear Mr. Bauer:

This letter is a request for a revised proposal from the Argonne National Laboratory to provide FY81 program support contractual assistance to the Office of Nuclear Material Safety and Safeguards of the Nuclear Regulatory Commission. The enclosed statement of work details the required work and should be used as the basis for preparing a proposal for submission to this Office. Standard terms and conditions for NRC work, as approved by Headquarters DOE, apply to this effort. A copy of these terms and conditions has been furnished your office separately. The proposal should contain as a minimum the information set forth in Enclosure 2 and should be submitted in six copies to:

Office of Nuclear Material Safety and Safeguards  
Attn: Program Support  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Work under this task is anticipated to be unclassified. Authorization to commence work will become effective upon the Chicago Operations Office acceptance of an appropriately executed NRC Form 173.

The proposal should be submitted to this office by September 25, 1980, so that the project can commence on October 1. If you have any questions about this request for proposal, please contact Mr. John Gresham on FTS 427-4072. Thank you for your assistance.

Sincerely,

Original signed by  
R. S. Brown, Jr.

R. S. Brown, Jr.  
Assistant to the Director  
and Chief,  
Program Support Branch, NMSS

This letter commits \$100K in FY81  
funds for FIN A2157 B&R 50-19-01-01

8508160123 850710  
PDR FOIA  
RAPKIN85-438 PDR  
Enclosures:

1. Statement of Work
2. Proposal Content

cc: R. Barber, EV/SED (2)

OFFICE	NAME	DATE
NMSS/PPB	P. F. Gustafson, ANL	8/29/80
NMSS:PSB	J.R. Gresham:cc	8/29/80
FCUF	W. Nixon	8/3/80
FCUF	R.G. Page	8/3/80
FC	R. Wilde	8/3/80
NMSS:PSB	R.S. Brown, Jr.	8/3/80

STATEMENT OF WORK (SOW) FOR  
LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

FIN A2157-1  
B&R 50-19-01-01

1.0 Background

Evaluation of probable or potential environmental impacts is an integral part of the licensing process for uranium fuel cycle facilities. In accordance with Nuclear Regulatory Commission (NRC) regulations, environmental appraisals or environmental impact statements (EIS) are required to support licensing decisions on new license applications, license renewals, proposed major modifications of facilities, and, in some cases, decommissioning plans for uranium recovery operations, fuel processing and fabrication facilities, and for related types of activities. The NRC's Office of Nuclear Material Safety and Safeguards (NMSS) requires technical assistance in conducting its environmental evaluations of applicant proposals and in the preparation of the associated environmental appraisal reports and environmental impact statements (draft and final statements). Argonne National Laboratory (ANL) has provided such assistance in FY79 under NMSS Project A2010-9 and in FY80 under FIN A2157-0. This project is a continuation of that effort.

2.0 Work Required

The performing organization shall furnish the necessary qualified personnel, facilities, materials and services to complete the final environmental statement for the Kerr-McGee West Chicago task initiated in FY78 under FIN No. A2010. This will include the resolution of comments received on the draft environmental statement. The target task completion date will be during the 4th Quarter of FY81.

3.0 Reporting Requirements

3.1 Monthly Letter Status Report

Each month, the performing organization shall submit six (6) copies of a brief letter report which summarizes: (1) the work performed during the previous month; (2) personnel time expenditures during the previous month; and (3) costs: (a) during the previous month, (b) cumulative to date (fiscal year and total), and (c) projection by month to completion of the work effort covered by this statement of work. The first monthly report shall provide the initial projection and subsequent reports shall either indicate revised projections or indicate "no change in the cost projection." The report shall be due by the 15th of each month with distribution as follows:

W. A. Nixon, NMSS, 5 copies  
Office of the Director, NMSS (Program Support), 1 copy

### 3.2 Preliminary Draft Environmental Impact Statement (EIS) And Draft EIS

The performing organization shall submit a preliminary draft EIS (5 copies) to the NMSS Project Manager concerning the site by January 1, 1981. The format of the report will follow the outline submitted to NRC by ANL in a letter dated August 13, 1980.

The NMSS Project Manager shall provide written comments to the performing organization by February 1, 1981. The performing organization shall include these comments in the draft EIS which shall be provided to the NMSS Project Manager (50 copies) by March 1, 1981.

The project schedule after March 1, 1981 cannot yet be determined because of the unknown length of the public comment period and other variables. However, this SOW shall be amended by issuance of an NRC Form 173 before October 31, 1981 to define the remainder of the project schedule. When the schedule is redefined the NMSS PM will furnish comments on the draft EIS to the performing organization. Based on these comments, the performing organization shall revise the draft and submit the final EIS fifty (50) copies to the NMSS PM and one (1) to the Office of the Director, NMSS (Program Support) not later than one month after comment on the draft EIS have been received (See Paragraph 12 of the Terms and Conditions Standard Order for DOE Work).

### 4.0 Meetings and Travel

The performing organization shall meet approximately four times with the NMSS PM to discuss the results of the work. Those meetings shall be of one day's duration and shall be held at the NRC offices in Silver Spring, Maryland.

### 5.0 NRC Furnished Material

There will be no NRC furnished material.

### 6.0 Period of Performance

Performance under this work order shall commence on October 1, 1980, and shall continue through October 31, 1981.

### 7.0 Technical Direction

Mr. W. A. Nixon (FTS 427-4510) is designated as the NMSS Project Manager (PM) for the purpose of assuring that the services required under this SOW are delivered in accordance herewith. All technical instructions to the DOE performing organization shall be issued through the NMSS PM. As used herein, technical instructions are instructions to the Contractor which provide details, suggest possible lines of inquiry, or

#### 7.0 Technical Direction (Continued)

otherwise complete the general scope of work set forth herein. Technical instructions shall not constitute new assignments of work or changes of such a nature as to justify an adjustment in cost or period of performance. Direction for changes in cost or period of performance will be provided by the DOE Operations Office after receipt of an appropriate NRC Form 173 from the Director of the Office of Nuclear Material Safety and Safeguards (NMSS).

If the DOE performing organization receives guidance from the NMSS PM which is believed to be invalid under the criteria cited above, the performing organization shall immediately notify the NMSS PM. If the NMSS PM and the performing organization are not able to resolve the question within five days, the performing organization shall notify the DOE Operations Office.

#### 8.0 Disposal of Property

Upon completion of a program or termination of a project, a reconciled report will be developed jointly by DOE and NRC to record available equipment and related material purchased with NRC funds. This report should be developed as soon as possible after program completion or termination decision has been made, but not later than sixty (60) days after work termination date. The report should be submitted to the Property and Supply Branch, NRC.

PROPOSAL CONTENT

The minimum items required in all proposals are:

1. Performing Organization's Name and Location
2. FIN Title (as on statement of work)
3. FIN Number
4. B&R Number (NRC's)
5. Performing organization's key personnel, program manager, or principal investigator, and FTS phone number.
6. Background (include previous technical progress if a continuation, and relationship to other projects).
7. Work to be Performed (Provide a concise description of tasks to be performed and expected results for the period of performance. Identify major subcontracts, including consultants. Note technical data requirements, potential problems, and other technical information needed to fully explain the effort. Highlight changes from prior authorized SOW's if any, identifying changes in performance, schedule, or costs).
8. Costs estimated to be incurred by DOE contractors, subcontractors, and consultants (list by fiscal year to completion):
  - a. Manyears of Technical Support (MTS)
  - b. Costs:
    - (1) Direct Salaries (Labor) for MTS
    - (2) Material and Services (excluding ADP)
    - (3) Total ADP Support
    - (4) Subcontracts
    - (5) Capital Equipment
    - (6) Direct Travel Expense (foreign travel must be shown separately)
    - (7) General and Administrative Expense (include indirect labor cost)
  - c. Total Estimated Cost:

9. Forecasts:

- a. Milestone Chart for accomplishing the work.
- b. Planned monthly rate of costs for first fiscal year. This may be provided with the first report of an authorized program if not known at time of proposal submittal. At the beginning of each subsequent year, reports should include the planned monthly rate of costs for the ensuing year.

10. Conflict of Interest:

In order to assist the Commission in its evaluation, the DOE Contracting Officer shall describe any significant contractual and organizational relationships of the DOE, its contractor, their employees, or expected subcontractors or consultants on this proposal, with industries regulated by the NRC (e.g. utilities, etc.) and suppliers thereof (e.g. architect engineers and reactor manufacturers, etc.) that might give rise to an apparent or actual conflict of interest.



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and Chief,  
Program Support Branch, NMSS

Enclosures:

1. Statement of Work
2. Proposal Content

cc: R. Barber, EV/SED (2)

FC  
T. Carter  
8/1/80  
FC  
R. Cunningham  
9/3/80

OFFICE	P. F. Gustafson, AML	NMSS:PSB	FCUF	FCUF	FC	NMSS:PSB
SURNAME	J.R.Gresham:cc	B. Lopsley	W. Nixon	R. G. Page	R. Wilde	R. S. Brown, Jr.
DATE	8/21/80	8/29/80	8/1/80	9/3/80	9/3/80	9/3/80

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LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

FIN A2157-1  
B&R 50-19-01-01

1.0 Background

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2.0 Work Required

The performing organization shall furnish the necessary qualified personnel, facilities, materials and services to complete the final environmental statement for the Kerr-McGee West Chicago task initiated in FY78 under FIN No. A2010. This will include the resolution of comments received on the draft environmental statement. The target task completion date will be during the 4th Quarter of FY81.

3.0 Reporting Requirements

3.1 Monthly Letter Status Report

Each month, the performing organization shall submit six (6) copies of a brief letter report which summarizes: (1) the work performed during the previous month; (2) personnel time expenditures during the previous month; and (3) costs: (a) during the previous month, (b) cumulative to date (fiscal year and total), and (c) projection by month to completion of the work effort covered by this statement of work. The first monthly report shall provide the initial projection and subsequent reports shall either indicate revised projections or indicate "no change in the cost projection." The report shall be due by the 15th of each month with distribution as follows:

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Office of the Director, NMSS (Program Support), 1 copy



### 3.2 Preliminary Draft Environmental Impact Statement (EIS) And Draft EIS

The performing organization shall submit a preliminary draft EIS (5 copies) to the NMSS Project Manager concerning the site by January 1, 1981. The format of the report will follow the outline submitted to NRC by ANL in a letter dated August 13, 1980.

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### 4.0 Meetings and Travel

The performing organization shall meet approximately four times with the NMSS PM to discuss the results of the work. Those meetings shall be of one day's duration and shall be held at the NRC offices in Silver Spring, Maryland.

### 5.0 NRC Furnished Material

There will be no NRC furnished material.

### 6.0 Period of Performance

Performance under this work order shall commence on October 1, 1980, and shall continue through October 31, 1981.

### 7.0 Technical Direction

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## 7.0 Technical Direction (Continued)

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## 8.0 Disposal of Property

Upon completion of a program or termination of a project, a reconciled report will be developed jointly by DOE and NRC to record available equipment and related material purchased with NRC funds. This report should be developed as soon as possible after program completion or termination decision has been made, but not later than sixty (60) days after work termination date. The report should be submitted to the Property and Supply Branch, NRC.

July 16, 1979

STATEMENT OF WORK (SOW) FOR  
LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

FIN A2157-0  
B&R 50-19-01-01-0

1.0 Background

Evaluation of probable or potential environmental impacts is an integral part of the licensing process for uranium fuel cycle facilities. In accordance with Nuclear Regulatory Commission (NRC) regulations, environmental appraisals or environmental impact statements (EIS) are required to support licensing decisions on new license applications, license renewals, proposed major modifications of facilities, and, in some cases, decommissioning plans for uranium recovery operations, fuel processing and fabrication facilities, and for related types of activities. The NRC's Office of Nuclear Material Safety and Safeguards (NMSS) requires technical assistance in conducting its environmental evaluations of applicant proposals and in the preparation of the associated environmental appraisal reports and environmental impact statements (draft and final statements). Argonne National Laboratory (ANL) has provided such assistance in FY79 under NMSS Project A2010-9. This project (A2157-0) is related to that effort.

2.0 Work Required

The performing organization shall furnish the necessary qualified personnel, facilities, materials and services to complete the final environmental statement for the Kerr-McGee West Chicago task initiated in FY78 under FIN No. A2010. This will include the preparation of a revised draft environmental impact statement reflecting the latest available information on decommissioning and stabilization alternatives, the resolution of comments received on the draft report and preparation of a final environmental impact statement. The target task completion date will be during the 4th Quarter of FY 80.

3.0 Reporting Requirements

3.1 Monthly Letter Status Report

Each month, the performing organization shall submit eleven (11) copies of a brief letter report which summarizes: (1) the work performed during the previous month; (2) personnel time expenditures during the previous month;

Enclosure 1

#1

### 3.1 Monthly Letter Status Report (Continued)

and (3) costs: (a) during the previous month, (b) cumulative to date (fiscal year and total), and (c) projection by month to completion of the work effort covered by this statement of work. The first monthly report shall provide the initial projection and subsequent reports shall either indicate revised projections or indicate "no change in the cost projection." The report shall be due by the 15th of each month with distribution as follows:

~~W. T. Crow~~, NMSS, 10 copies

Office of the Director, NMSS (Program Support), 1 copy

### 3.2 Interim and Final Technical Report

A draft interim report (15 copies) shall be submitted concerning the site within 90 days of completion of the site survey. This draft report shall be sent to the NMSS Project Manager (PM). The detailed format of this report will be agreed upon after the survey because the report will relate on an "ad hoc" basis to the West Chicago site; however, generally the report shall include: (1) abstract, (2) introduction, (3) survey methods, (4) guidelines used to evaluate results, (5) survey results, and (6) references.

The NMSS PM will furnish comments on the draft report to the performing organization within two weeks after receipt of the draft. Based upon those comments, the performing organization shall revise the draft and submit the final report in fifteen (15) copies to the NMSS PM and one (1) to the Office of the Director, NMSS (Program Support) not later than one month after comments on the draft report have been received. (See Paragraph 12 of Terms and Conditions Standard Order for DOE Work.)

### 4.0 Meetings and Travel

The performing organization shall meet approximately four times with the NMSS PM to discuss the results of the work. Those meetings shall be of one day's duration and shall be held at the NRC offices in Silver Spring, Maryland.

### 5.0 NRC Furnished Material

There will be no NRC furnished material.