



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

JUN 09 2000

MANDEX, Inc.
Attn: Lawrence H. Hyde, III
Dir. of Administration
12500 Fair Lakes Circle, Suite 300
Fairfax, VA 22033-3804

SUBJECT: TASK ORDER NO. 3 ENTITLED, "SUPPORT DWM GIS AND 3D MODELING
EFFORTS AT THE WEST VALLEY NEW YORK WASTE DISPOSAL FACILITY",
UNDER CONTRACT NO. NRC-02-00-008

Dear Mr. Hyde:

This confirms the May 23, 2000, verbal authorization provided to you to commence work effective the same date, under the subject task order with a temporary ceiling of \$25,000.00.

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

Task Order No. 3 shall be in effect from May 23, 2000 through November 15, 2000, with a ceiling of \$43,343.00 which is inclusive of the \$25,000.00 authorized on May 23, 2000. The amount of \$36,616.00 represents the total estimated reimbursable costs for the services to be performed as stated in the enclosed Statement of Work. The amount of \$3,432.00 represents the total fixed fee.

The obligated amount of this task order is \$43,343.00.

Accounting Data for Task Order No. 3 is as follows:

APPN No.:	31X0200.060
B&R No.:	05015307110
FIN No.:	J5338
OBLIGATED AMOUNT:	\$43,343.00
FFS COMMITMENT NO.:	5000R105
BOC CODE:	252A

Template = ADM-001

ADM02

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:

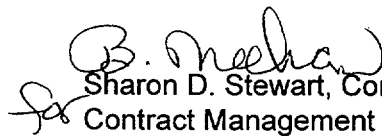
Technical Matters: James Thomas
Project Officer
(301) 415-5168

Contractual Matters: Edna Knox-Davin
Contract Administrator
(301) 415-6577

Please indicate your acceptance of this Task Order No. 3 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 Administrator. You should retain the third copy for your records.

If you have any questions regarding this matter, please contact Edna Knox-Davin, Contract Administrator, on (301) 415-6577.

Sincerely,


Sharon D. Stewart, Contracting Officer
Contract Management Branch No. 2
Division of Contracts and
Property Management
Office of Administration

Enclosure:
As stated

ACCEPTED:

NAME: 

TITLE: Director of Administration

DATE: 13 June 2000

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STATEMENT OF WORK
TASK ORDER NO. 003
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1. TITLE:

Support of DWM GIS and 3D Modeling Efforts at the West Valley New York Waste Disposal Facility

2. SCOPE OF WORK:

This Task shall involve interaction with personnel from DOE, CNWRA, and DWM staff for the development of GIS and 3D Models of the area beneath and around the West Valley Disposal Facility in upstate New York. This task will involve the items identified below:

Subtask 3.1 Site Visit: The contractor shall visit the facility to become familiar with the site layout and gather information on available data sources.

Subtask 3.2 Develop Modeling Plan: Following the West Valley site visit, the contractor shall hold a series of meetings with the NRC Project Officer and DWM staff working with the West Valley site to develop a comprehensive plan to perform GIS and 3D modeling of the West Valley facility. The plan shall limit the modeling work of the contractor to developing a 3D radiological model of the site and shall include interface provisions to assist in the coordination of the work of other parties in developing GIS and 3D models dealing with geological and hydrological properties.

Subtask 3.3 Model Development Coordination: The contractor shall provide support to the NRC Project Officer and DWM staff in coordinating the GIS and 3D modeling work being performed by other parties for the NRC to assure that the models comply with the comprehensive modeling plan for the site and meet commonly accepted practices for model development.

Subtask 3.4 Final Report: The contractor shall prepare and present a final report on all work performed at West Valley which includes a discussion of the model(s) developed and the interfaces between those models and the work performed by others modeling the site for the NRC. The report shall include recommendations as to other work that should be performed at West Valley to either further validate existing models or provide additional data to support models. Contractor shall be prepared to present all model results three a video projection of the model to DWM staff in lieu of attempting to display aspects of the model in a report.

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STATEMENT OF WORK
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3. DELIVERABLES:

Subtask 3.1 Site Visit: Within 30 days from the date of this Task Order No. 003, the contractor will schedule a visit to the West Valley facility.

Subtask 3.2 Developing Modeling Plan: Within 30 days from the date of the West Valley Site visit, the contractor will develop and submit to the NRC Project Officer a plan for the overall GIS and 3D modeling to be performed along with a plan for coordinating the work to be performed by others.

Subtask 3.4: Final Report: On or before November 1, 2000 the contractor shall submit the final report on this task to the NRC Project Officer. The contractor shall also be available to make a presentation of the model results to DWM staff during the two weeks following the submittal of the final report.

4. REPORTING REQUIREMENTS:

The contractor shall report on all such efforts monthly and make any suggested changes to the training plan to the NRC Project Officer. All reports shall be submitted in accordance with Subsection F.6 - 2052.212-71 TECHNICAL PROGRESS REPORTS of the basic contract.

5. TRAVEL:

It is estimated that two (2) site visits to the West Valley facility in upstate New York (near Buffalo) will be required during this period. All travel required by this task order shall be proposed for and made in accordance with Subsection G.2 - 2052.215-82 TRAVEL REIMBURSEMENT - ALTERNATE I of the basic contract.

6. PERIOD OF PERFORMANCE:

The period of performance of this task order shall be from May 23, 2000, through November 15, 2000.

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7. TECHNICAL SKILLS REQUIRED:

The contractor shall provide resumes of all personnel selected to work under this task order unless previously provided.

8. TASK ORDER LEADER:

The Task Leader for this task order will be the NRC Project Officer under the basic contract, Mr. James Thomas. He can be reached at (301) 415-5168.