



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

SEP 21 1990

National Oceanic and Atmospheric Administration
Air Resources Laboratory
Attn: Arza Straight
1325 East-West Highway, Rm. 9358
Silver Spring, Maryland 20910

Dear Mr. Straight:

Subject: Interagency Agreement No. NRC-26-90-307 Entitled "Emergency Response Support to the NRC Operations Center"

Pursuant to the Economy Act of 1932, as amended, the U.S. Nuclear Regulatory Commission (NRC) and the National Oceanic and Atmospheric Administration (NOAA) desire to enter into an agreement whereby NOAA's Air Resources Laboratory (ARL) will provide NRC with emergency response support to the NRC Operations Center.

Article I - Scope of Work

Objective

The objective of this agreement is to provide direct support to the NRC on matters related to the accidental atmospheric release of radioactive material, including evaluating and enhancing the overall capabilities of the NRC's dispersion analysis program.

Statement of Work

Task 1 - Direct ER Support

a. NOAA/ARL shall ensure the availability of one qualified meteorologist from the Silver Spring, MD area (an on-call list shall be provided to NRC) to respond, if needed, to the NRC Operations Center during an emergency in order to augment the NRC meteorological team. Due to present ER responsibilities at the ARL Silver Spring site, ARL shall be obliged to hire and train a qualified individual in ER research and operations to provide the direct support required under this task.

b. NOAA/ARL shall respond and actively participate in at least one emergency exercise per year, as permitted by responsibilities related to other atmospheric emergencies.

Task 2 - Evaluation of NRC ER Capabilities

NOAA/ARL will report to NRC on the appropriateness of the atmospheric components of the current NRC ER program, including, but not limited to:

- (1) The instrumentation used to collect meteorological data;
- (2) The models used to produce transport, dispersion, and deposition, and exposure and dose estimates; and,

(3) The methods used to interpret the products of these models.

Task 3 - Enhancement of NRC ER Capabilities

NOAA/ARL shall explore and evaluate coupling the near-field site-specific RASCAL dose assessment model with longer-range trajectory computations and assess any vulnerability of NRC dispersion predictions to the imperfections of the available site data base, including, but not limited to site-specific details of terrain, vegetation, and building wakes.

Task 4 - ARL/NRC Coordinated ER Training

ARL and NRC will coordinate training between meteorological ER team participants. If necessary, training will be extended to personnel at NRC facilities outside the Operations Center. ARL shall work jointly with NRC to provide NRC staff members updated information on the latest ER techniques employed by the transport and dispersion team experts.

Article II - Reporting Requirements

Monthly progress reports and an annual summary report shall be submitted detailing scientific and technical results of work conducted under this agreement.

Article III - Period of Performance

The period of performance under this agreement shall commence on the effective date of this agreement and shall continue through September 30, 1992.

Article IV - Consideration and Obligation - Delivery Orders

a. The total estimated amount of this agreement (ceiling) for the product/services ordered, delivered, and accepted under this agreement is \$165,000. The Contracting Officer may unilaterally increase this amount as necessary for orders to be placed with NOAA/ARL during the agreement period.

b. The amount presently obligated with respect to this agreement is \$50,000. The NRC Project Officer may issue orders for work up to the amount presently obligated. This obligated amount may be unilaterally increased from time to time by the Contracting Officer by written modification to this agreement. The obligated amount shall, at no time, exceed the agreement ceiling as specified in paragraph a. above. When and if the amount(s) paid and payable to NOAA/ARL hereunder shall equal the obligated amount, NOAA/ARL shall not be obligated to continue performance of the work unless and until the Contracting Officer shall increase the amount obligated with respect to this agreement. Any work undertaken by NOAA/ARL in excess of the obligated amount specified above is done so at NOAA/ARL's sole risk.

Article V - Method of Payment

Payments shall be on a reimbursable basis. NOAA/ARL shall submit monthly invoices in accordance with Attachment 1, Billing Instructions for NRC Interagency Agreements, which is attached and made a part herein.

Requests for payment shall cite the following data:

Appropriation Number: 31X0200.820
B&R Number: 082-19-51-03-0
FI# No.: L15580
Interagency Agreement No.: NRC-26-90-307

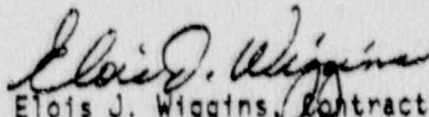
Article VI - Project Officer

George Brown (492-4205) is hereby designated as the Contracting Officer's authorized representative (hereinafter called Project Officer) for placing orders under this agreement. The Project Officer is not authorized to approve or request any action which results in or could result in an increase in agreement cost; or terminate, settle any claim or dispute arising under the agreement; or issue any unilateral directive whatever.

For guidance from the Project Officer to NOAA/ARL to be valid, it must (1) be consistent with the description of work set forth in the agreement; (2) not constitute new assignment of work or change to the expressed terms, conditions or specifications incorporated into this agreement; (3) not constitute a basis for an extension to the period of performance; and, as stated above, (4) not constitute a basis for any increase in the Agreement cost.

If this Agreement is acceptable to NOAA/ARL, please so indicate by signing in the space provided below and return three (3) fully executed copies to me. The fourth fully executed copy is for your records. Any questions regarding this agreement should be directed to Charlene Cantor of my staff on (301) 492-4282.

Sincerely,



Elois J. Wiggins, Contracting Officer
Division of Contracts and Property
Management
Office of Administration

ACCEPTED:
NOAA/ARL

BY: 
Joseph O. Fletcher
TITLE: Director, ERL

DATE: SEP 28 1990

EFFECTIVE DATE SEP 28 1990
(Date of NOAA signature)

BILLING INSTRUCTIONS FOR NRC INTERAGENCY AGREEMENTS

Claims for reimbursement of costs shall be submitted as follows:

Form. Standard Form 1081, "Voucher for Transfers Between Appropriations and/or Funds."

Number of Copies. An original and four copies.

Designated NRC Billing Office Address.

Address request for payment to the following address:

U.S. Nuclear Regulatory Commission
Division of Contracts and Property Management
Contract Administration Branch, P-902
Washington, D.C. 20555

Note: Payment(s) will be made by the Office of the Controller, Division of Accounting and Finance, GOV/COM Accounts Section, Washington, D.C. 20555.

The following information shall be provided on the Form 1081:

1. Voucher number and date of submission.
2. Interagency Agreement Number.
3. Name and address of Agency performing the work.
4. Name of Billing Agency Contact and telephone number.
5. Name of NRC Project Officer of Technical Contact with Mail Stop.
6. Billing Period or beginning ending dates (day, month and year) of the period in which costs were incurred and for which reimbursement is requested.
7. Cost detail by major cost elements:
 - a. direct labor
 - b. materials, supplies and equipment (each item in excess of \$1,000)
 - c. indirect rate, if any
 - d. travel