

Interagency Agreement Entitled "Technical and
Engineering Support Services for Radio Communications,"
NRC Contract No. NRC-10-83-352, Modification No. Eight (8)

Pursuant to the Economy Act of 1932, as amended, the U.S. Nuclear Regulatory Commission (NRC) and the Department of Interior/Boise Interagency Fire Center (BIFC) desire to continue/update Interagency Agreement No. NRC-10-83-352. Under this agreement BIFC will assist the NRC Regional Offices and the NRC Telecommunications Branch by providing services as detailed below.

Accordingly the terms and conditions of this interagency agreement are changed to be as follows:

Article I - Scope of Work

The Telecommunications Branch within NRC has the responsibility for:

1. Assisting in establishing plans for minimizing the time required for establishing radio communications in the event of a nuclear emergency. These plans also include determining types of antennas to be installed for maximum efficiency, antenna placement, minimizing the possibility of interference by/with other radio users, and permitting the orderly build-up of communications, if needed.
2. Assisting NRC Headquarters and Regional Offices in any technical areas such as design, maintenance, and installation of telecommunications equipment. This assistance will include technical writing of manuals, reports, proposals and articles dealing with current and developing technologies in the field of telecommunications.

B. Statement of Work

As related to tasks one through three below BIFC shall provide engineering support, consultation, design and staff assistance in all areas of radio, telecommunications, and ADP disciplines. This effort shall be performed only upon receipt of a work directive issued by the Project Officer. Work directives shall be issued in accordance with Article II below entitled work directive procedures.

- Task 1 BIFC shall visit nuclear power plants, fuel facilities and regional offices and develop a radio communications design and deployment plan to meet the radio requirements for utilizing BIFC equipment. The design must, at a minimum, meet the basic requirements of a communication link between the BOF and shall provide adequate coverage within a ten (10) mile radius of the site. The plan/design shall be capable of expanding to meet the most complex communications requirements for all emergency situations, including radio/telephone interconnect and satellite communications. For this task it is estimated that approximately seventy (70) site visits shall be requested from the effective date of this modification through September 30, 1988. The project officer(s) shall request site visits through the use of written technical directions. BIFC shall perform these site visits at times mutually agreeable to the parties.

Task 2 As a result of performance of Task 1 activities and/or based upon the continuous information concerning NRC telecommunication supplied by the project officer(s) BIFC shall perform the following:

- a. Establish the design, technical and equipment requirements, operating parameters, and also develop system concepts necessary for providing emergency radio communications in the event of a nuclear emergency.
- b. Evaluate effectiveness of all emergency radio maintenance programs. Make corrective recommendations where required.

Task 3 BIFC shall assist in the evaluation of the deployment and operation of NRC owned radio caches during exercises.

For this task it is estimated that approximately one exercise per year shall be required. The project officer(s) shall advise of the timing of exercises by the use of written technical direction.

C. Deliverable Reports

1. Separate detailed Task Reports are due within a time to be mutually agreed upon by BIFC personnel and the NRC Project Officer(s). The Task Reports shall include but not be limited to the following:
 - a. Explanation of the work performed during, and/or as a result of, site trips, exercises, and NRC provided information. Included shall be furnishing of milestones reached and findings important to the NRC program;
 - b. Meetings attended (list personnel, date, place, purpose, and summary of conclusions of agreements reached with other attendees);
 - c. Potential or actual problem areas and their impact (if the schedule has slipped or if the budget will be exceeded, this shall be stated and the reasons explained);
 - d. Personnel time expenditures by labor category or individuals.
2. Each of these reports shall be provided to the NRC Project Officer(s) with one copy to the NRC Contracting Officer.

In any event, all deliverables required hereunder shall be furnished to the NRC by the expiration date of this agreement.

Article II - Work Directive Procedures

The work specified in the statement of work shall be performed by BIFC upon receipt of signed work directive(s) from the NRC Project Officer. In situations where urgency is involved, the NRC Project Officer may provide verbal authority to commence work in accordance with verbal instructions to be provided. However, a written work directive shall result from any verbal authorizations.

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, 1988.

Article IV - Contract Ceiling

The ceiling amount under this agreement is \$408,260.00 over the six year life of this Interagency Agreement. The ceiling amount per year shall not exceed \$99,999.00.

BIFC, agrees that the work to be performed under this agreement shall be accomplished within the ceiling amount. Unless and until the Contracting Officer shall have notified the Contractor in writing that the ceiling amount has been increased and shall have specified the extent of the increase, any costs incurred in excess of the contract ceiling amount shall be borne by the Contractor. The Contractor is not obligated to continue performance if to do so would exceed the ceiling amount.

Article V - Obligation of Funds

The total obligated amount for this contract is \$288,260.00. Additional contract funding, at less than \$100,000.00 per year, will be added on an incremental funding basis. However, BIFC is not authorized to exceed the total obligated amount.

Article VI - Method of Payment

Requests for payment shall cite the following accounting data:

B&R Number: 42-20-23-612

Interagency Agreement Number: NRC-10-83-352

Payments shall be on a reimburseable basis. BIFC shall submit invoices in accordance with SIBAC procedures.

Article VII - Competition in Contracting Act (CICA)

BIFC hereby certifies that any subcontracted contract effort is being performed in accordance with CICA guidelines. BIFC shall formally propose the use of any subcontractors, and advise why the subcontracted effort is in accordance with CICA guidelines, prior to performance of any subcontracted effort.

Article VIII - Project Officer

Stuart Cohen and Tom Melville are hereby designated as the Contracting Officer's authorized representatives (hereinafter called Project Officer) for technical aspects of this contract. The Project Officer is not authorized to approve or request any action which results in or could result in an increase in contract costs; or terminate, settle any claim or dispute arising under the contract; or issue any unilateral directive whatever.

The Project Officer is responsible for: (1) monitoring the contractor's technical progress, including surveillance and assessment of performance, and recommending to the Contracting Officer changes in requirements; (2) interpreting the scope of work; (3) performing technical evaluation as required; (4) performing technical inspections and acceptances required by this contract; and (5) assisting the contractor in the resolution of technical problems encountered during performance. Within the purview of this authority, the Project Officer is authorized to review all costs requested for reimbursement by contractors and submit recommendations for approval, disapproval, or suspension for supplies, services required under the contract. The Contracting Officer is responsible for directing or negotiating any changes in terms, conditions, or amounts cited in the contract.

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

If this agreement is acceptable to BIFC, please so indicate by signing in the space provided below and returning three (3) fully executed copies to me. The fourth fully executed copy is for your records.

ACCEPTED:

BIFC

BY: 

TITLE: ACTING BLM DIRECTOR—BIFC

DATE: SEP 20 1985

EFFECTIVE DATE: SEP 23 1985

(Insert date of acceptance by BIFC)

ACCEPTED:

NRC

BY: 
Elois Wiggins

TITLE: Contracting Officer

DATE: September 18, 1985