

## SECTION 011000 - SUMMARY

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. This Section includes the following:
  - 1. Work covered by the Contract Documents.
  - 2. Work phases.
  - 3. Use of premises.
  - 4. Owner's occupancy requirements.
  - 5. Specification formats and conventions.

#### 1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Project Identification: Switchboard Replacement at BBG/IBB, Site B
  - 1. Project Location: Greenville, North Carolina
- B. Owner: International Broadcasting Bureau, Cohen Building, 330 Independence Avenue, SW, Washington, DC, 20237
- C. Engineer: URS Group, 2020 K Street NW., Suite 300, Washington, DC, 20006
- D. The Work consists of the following:
  - 1. The Work includes replacement of the 208/120 volt switchboards, Part I, II, and III for a complete operating system..
  - 2. Demolition of GB10 & GB11 switchboard.
  - 3. Add Alternate-Replace 2000 amp and 1600 amp, 208/120 volt bus duct for switchboards Parts 1 and 2 complete.
- E. Project will be constructed under a single prime contract.

#### 1.3 WORK PHASES

- A. The Work shall be conducted in three phases, with each phase complete before beginning the next phase:
  - 1. Construction will be executed from an approved phasing plan and outage schedule.

- B. Before commencing Work of each phase, submit a schedule showing the sequence, commencement and completion dates for all phases of the Work.

#### 1.4 USE OF PREMISES

- A. General: Contractor shall have limited use of premises for construction operations as indicated on Drawings by the Contract limits.
- B. Use of Site: Limit use of premises to work in areas indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.
  - 1. Limits: Confine constructions operations to Power Distribution Room and switchgear area.
  - 2. Driveways and Entrances: Keep driveways, loading areas, and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
    - a. Schedule deliveries to minimize use of driveways and entrances. Facility is secured and gated, and will require approval prior to acceptance of deliveries.
    - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

#### 1.5 REQUIREMENTS

- A. Full Government Occupancy: The Government will occupy site and building during entire construction period. Cooperate with the Government during construction operations to minimize conflicts and facilitate Government usage. Perform the Work so as not to interfere with Government's day-to-day operations. Maintain existing exits, unless otherwise indicated.
  - 1. Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from Owner and authorities having jurisdiction.
- B. Site Visit to Transmitting Station: It is recommended that the Contractor arrange a visit to the Greenville Transmitting Station, Site B, through the IBB Contracting Officer. Bidder should visit the site prior to bid and examine: the premises at and adjacent to proposed work, means of approach to location of work, and conditions under which work is to be executed. Available utility services, storage area and transportation means shall be noted. Dimensions shall be verified of the existing switchgear for layout shop drawings. Equipment shown to be removed shall be carefully checked. Confirm replacement of an acceptable manufacturer for the new switchgear to fit the existing footprint and the conduit penetrations in the slab. Contractor should also confirm appropriate times with Government personnel for demolition work, new work, and outages that must be performed during the construction for the replacement of the equipment.
- C. Existing Switchboard Parts 1, 2, and 3: The existing three switchboards set over embedded conduits. The new switchboards will be confined to the existing footprint for the branch

breakers and cables. Splicing of cables will be required depending on the arrangement of the breakers. Existing conditions will require approved barriers around the cables when they pass through adjacent switchboards. The contractor can provide alternate solutions to the construction of the switchboard and its size, as long as the design intent is met.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 011000