NYCT Support for Design Track and Switch Rehabilitation at St. George Terminal Interlocking

The task order for the Track and Switch Rehabilitation at St. George Terminal provided for final design and construction phase support for the rehabilitation of the Track & Switch equipment and Design for the Central Instrument Location (CIL) located at the terminal.

AG's scope of work for the project involves the Mechanical HVAC as well as Electrical for CIL and Auxiliary Hut "A." These tasks include:

- Provide HVAC control panel consisting of 30mm push button control switch LED pilot light. Provide instrumentations for all necessary alarm trouble and operating conditions.
- Provide all Instrumentation & Control work as required for the installation of new Heating, Ventilating and Air Conditioning (HVAC) equipment in the new Central Instrumentation Location (CIL) and Hut "A". All work shall comply with all relevant codes, standards and Design Guidelines.
- Furnish and install electrical safety interlocks to interface with the fire alarm system to shut down any HVAC equipment identified with such requirements. Other interlocks shall be provided based on equipment functional requirements
- Furnish and install all required conduits, fittings, enclosures, relays, wires and associated components required to make the system full functional.
- Provide Normal and Reserve power (backup generator) for CIL and hut "A".
- Provide separate feeders for both CIL and hut "A" from Tower A (Normal) and generator at Tower A (Reserve).
- Verify the availability of power at Tower A and existing 175KW generator.
- Equipment layout at Tower A shall be shown.
- Feed the fire alarm panel from ATS before the main.
- Junction boxes shall be provided for Normal and Reserve feeders.
- Provide panel schedules on drawings.
- Coordinate design for relocation of the Generator for Tower B form Concrete Pad to New Platform.

Location:

Queens, NY

Owner:

NYCT

Services Provided:

HVAC

Electrical

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