

SPECIAL CONDITIONS

OTHER REQUIREMENTS:

1. WORK HOURS:
Allowable work hours are Monday to Friday from 7am to 7pm, excluding County holidays. Work outside these hours must be approved by the Project Officer in writing at least 48 hours in advance.
2. SAFETY
The Contractor shall ensure that all personnel working and visiting any construction site and areas are issued and wear the appropriate safety equipment.
3. SPECIFICATIONS
Replace Specification Section 263213 2.6.G in it's entirety with the following:

G. Connection to SCADA:

1. Install conduit and pull cable for transmission of generator system statuses to the existing SCADA panel which is located in the generator room. Coordinate with SCADA system integrator to test remote monitoring and controls.
2. Use separate terminal blocks, factory wired to Form C dry contacts, for each alarm and status indication.

3. Remote signals to/from existing SCADA I/O Panel:

a) *Outputs:*

- (1) 4-20mA Tank Level
- (2) 4-20 mA Engine Temperature
- (3) Generator Run-Off-Auto Switch Status
- (4) Generator Run Status
- (5) Generator Common Alarm
- (6) Exhaust Fan Hand-Off-Auto Switch Status
- (7) Exhaust Fan Run Status
- (8) Exhaust Fan Overload Alarm
- (9) Exhaust Air Damper Status

b) *Inputs:*

- (1) Generator Start/Stop Command
- (2) Exhaust Fan Start/Stop Command

Add to Specification Section 263213 2.6:

- Provide the following instruments with a 4-20mA analog output to the SCADA system for each. Analog transmitters to be sourced with 24 VDC from the existing SCADA I/O Panel:
 - Fuel level transmitter for generator fuel tank level.
 - Temperature sensor for the station ambient temperature.

Add to Specification Section 263213 2.6.F.1:

- If the control panel provided with this equipment comes equipped with a PLC and an HMI, the vendor shall supply to the client the PLC and HMI software programs and all

the hardware and software documentation associated with those programs and control panels. Also, if the PLC and HMI software used for the control panel differs from the SCADA PLC and HMI software, the vendor shall provide to the client the programming software and licenses used for the PLC and HMI in that control panel.

The County will complete all terminations at the existing SCADA I/O Panel and programming. This is work not part of the General Contractor's scope.