

---

**HUBERT WELL 2 GENERATOR IMPROVEMENT PROJECT  
ADDENDUM #1  
AUGUST 6, 2021**

**TO ALL RESPONDENTS:**

**This addendum is to answer the following questions and corrections to the Scope of Work.**

**Question 1:**

Does ONWASA want to remove the existing manual transfer switch (MTS)?

**Answer:**

Yes. Remove the MTS and install/wire the Automatic Transfer Switch to work with the existing Appleton connector.

**Question 2:**

What is the minimum/maximum height of the fuel filler and the fuel tank vent?

**Answer:**

No less than 18 inches.

**Correction 1:**

Scope of Service, 1. General Requirements, item d.

**Should read:**

Contractor must coordinate with and receive approval prior to any work activity that impacts the ability of the well to run on commercial or emergency power services. Any such downtime shall be minimized as much as possible to avoid impacts to ONWASA system operations.

**Correction 2:**

Scope of Work, 5. Connect Generator to Existing Electrical Service and ATS, item a -f.

**Should read:**

- a. Provide all labor and materials necessary to connect the generator/fuel tank combination to the existing electrical service, new ATS and control systems, in accordance with the current edition of the NC Electrical Code and all other applicable regulatory requirements.
- b. Work shall include connection of block heater and battery charger wiring, termination of wiring for generator run status at the existing SCADA control panel, installation of conduit, buried conduit, junction boxes and all other connections necessary to make a fully operational emergency power system.
- c. The existing Appleton receptacle shall remain operational in the event the pad-mounted generator fails and a mobile generator needs to be used.
- d. The block heater shall be mounted off the fuel tank and free of standing water.

- e. Contractor shall provide and install a buried 120V circuit for the block heater and onboard battery charger. Contractor will tie into existing breaker panel that is in the pump room. This circuit shall include a circuit breaker that is rated for the load.
- f. Provide all labor and materials necessary to connect generator run status wiring to analog input inside RTU panel. Wiring termination locations and SCADA programming for generator run signal will be provided by ONWASA.

**Correction 3:**

Scope of Work, 6. Conduct Generator Start-up/Testing, item a.

**Should read:**

Contractor shall conduct start-up demonstration/training for ONWASA staff prior to final acceptance of work, including verification that the new automatic transfer switch operates correctly under loss of commercial power supply and the connection to the ONWASA SCADA system is functioning properly.

**Correction 4:**

Scope of Work, 7. Install New Automatic Transfer Switch. Not included in RFB.

**Should Read:**

- a. Contractor shall furnish and install a new Automatic Transfer Switch (ATS) meeting the requirements of the Standard Specification 26 32 13, Part 2.12.
- b. Ratings (voltage, continuous and withstand currents ratings, interrupting capacity, etc.) shall be determine by the Contractor, based on the equipment to be powered at the well site.
- c. The ATS shall include an adjustable in the field (at the panel) generator monthly/weekly run timer. Also include the option to set it to run underload or not underload. If load is set it may be preset anywhere from 25% to 90% load.
- d. Manufacturer's specifications (cut sheets) for the proposed unit shall be submitted to ONWASA for review and approval prior to purchase.
- e. Installation shall be in accordance with manufacturer's recommendations, the current edition NC Electrical Code and site conditions.
- f. The existing commercial power disconnect switch shall be wired to allow the ATS to transfer to generator power when switched to the off position.
- g. The ATS shall include a manual bypass function and the necessary equipment to activate a manual switch-over in the field.

**Acknowledge receipt of this Addendum in the space provided in the Bid Pricing Sheet.**

**END OF ADDENDUM #1**