

1. Is a bid Performance Bond required?

Yes, a bid performance bond is required for each well, depending on budget, we may only award construction of one well at a time.

2. We also request a deadline extension for bids pending responses about the details of the control panels. One week from date of response would be best.

The City is extending the deadline for the bid opening until 2/8/16 at 2PM.

3. What horsepower pumps are going to be used at Glenwood WTP and Bell Street WTP.

Please review the plans on the web-site. It specifically calls out the motor/pump size.

4. At the Glenwood well site there is no primary overhead available to supply service to the new well. The closest location is back at the main water treatment plant. The specifications just tell us to apply for new power service. So that leaves the underground service lateral destination in question.

The City will pay Duke Energy directly for the cost of bringing commercial power to the newly installed service, once the contractor installs and provides all material for the meter with overhead. The City is only responsible for paying Duke Energy to bring the transmission power

5. At the Glenwood well site, the control panel components specified are general in nature. What is the NEMA rating of the enclosure for the control panel (N3R painted steel or N3R/N4X 304 or 316 stainless steel), are the circuit breakers IEC or NEMA rated, do you want to use a reduced voltage solid state starter and are you going to require bypass. Is any surge protection required. What type of generator receptacle do we need to furnish to match your portable generator plug. Are we to furnish dry contacts for the SCADA System integrator, if so what are they. What about general control components in the control panel such as: phase monitor, run pilot light, elapsed time meter etc.. Are there any other requirements for 120 volts besides the general use receptacle, such as a prelube solenoid for the well bushings or 120 V motor winding heater. Does the well pump motor have a thermal overload contact in the motor windings. **Note: the same questions pertain to the Bell Street control panel except for the generator receptacle which there is none since it is being fed out of the existing motor control center.**

A steel panel would be fine, no reduced voltage starter is needed, a generator receptacle is needed in the interlocking panel, the panel and electrical is required to have surge protection, a verified less than 25 ohms ground is required, the panel needs to have an HOA capability, the "A" would be used to wire the SCADA contacts, dry contacts are needed in the panel for SCADA start/stop functions for the pump, phase monitor is required, an hourly timer component on the panel, the starter/contactors need to have the overloads, thermal units.

If we are to provide a control panel for each well, we need details or specifications. It is as simple as a disconnect and an HOA?

The Bell Street plant electrical requires you to retain a Florida PE to design the power distribution from the MCC to the Well.

At the Glenwood Plant, you are installing a simple panel with an HOA capability, along with other items addressed above. There is NO variable frequency drives.

Is the City going to pay the power company fees for the new services or are we responsible? At Glenwood, the City pays for the power company fees. At Bell you are wiring from the existing MCC to the Well.