

STATEMENT OF WORK

B&F Project: 22Z4AF2 - Repair Well #1

FCC Terre Haute has a requirement to Repair Well #1 located at FCI Terre Haute. Contractor shall supply all parts, labor, material, and equipment to complete the following work. The work will be accomplished in compliance with all Local, State, and Federal laws and requirements related to the project.

- Excavate the site so that the discharge piping and pitless adapter is exposed.
- Disconnect the discharge piping and remove the pitless adapter (16")
- Remove the pump, motor, and drop pipe.
- A hydrologist will color video inspect the well to ensure there is not any further damage to the well casing and filter screens.
- Replace the pitless adapter and reconnect the discharge line (take all necessary precautions to ensure the line is not contaminated).
- Clean and sanitize the well for five days.
- Replace submersible pumping equipment with new:
 - 25 Hp 200v 3 phase 6" motor
 - Submersible pump rated for 800 gpm @ 100' TDH
 - 84' of 8" drop pipe
 - 100' of #2 color coded submersible electrical wire
 - 8" ductile inline check valve
 - 2 – 8" heavy nipples, misc. fittings, hardware, ect.

Contractor shall provide full commissioning and start up services to ensure the entire well is working properly.

FCC Terre Haute will be responsible for providing adequate ingress and egress for the equipment, and provide all backfilling and reconstitution of the site.