# EXHIBIT B - PROJECT DESCRIPTION

**Project overview:** The project consists of removing the existing manual transfer switch and replacing it with a new, automatic one, reworking the wiring and connections on generator conductors between the new automatic transfer switch (AST) and exterior junction box to the left of the utility meter, and replacing the generator with a new generator on the same supports.

**Additional details on the project:**

1. The basic specifications for the automatic transfer switch are that it is a 200 amp, 480-volt automatic transfer switch. It will be mounted in place of the existing manual transfer switch and have an integrated main circuit breaker.
2. Replace the wiring and connections on generator conductors between ATS and the exterior junction box to the left of the utility meter. The junction box must be replaced as it is in poor condition and rated for indoor use only.
3. Establish a connection for temporary backup power (pin and sleeve) to maintain power to the Booster Station during installation. The CCSD will provide a towable backup power generator.
4. Remove the existing generator; install a new diesel-powered generator on the same supports; use the existing underground conduit to wire the generator to the replaced junction box next to the ATS. Flush cut the wires in the second conduit and cap conduit. Please include the make and model of the generator and the make and model of the diesel engine for the generator in the RFP response. The replacement generator must be powered by a diesel engine and meet EPA Tier 4 requirements.
5. Dispose of all removed equipment and parts, including the old generator, the old transfer switch, and all other removed materials, as well as any trash generated during the installation process.
6. Provide training to staff on new equipment operations.

The following must be noted and measures to comply (e.g., a work plan) included in the response to the RFP:

1. The **MAXIMUM** amount of time the pump station can be without backup power is 36 hours. This is incredibly important and **MUST** be taken into consideration when planning the work. The scope of work includes adding a connector/plug for a trailer-mounted generator for backup power during the generator replacement work. CCSD will supply a trailer-mounted generator.
2. The **MAXIMUM** amount of time the pump station can be without power entirely (e.g., during ATS installation/connection or disconnection) is 6 hours.

**Additional notes:**

1. Permits are outside the scope of this project. CCSD will supply all the necessary permits for the work to be performed.
2. Inspections of the completed work are outside the scope of this project. CCSD will provide all inspections it deems necessary.

The completed project shall result in a fully functional, permanent-mounted, diesel-powered generator and automatic transfer switch.