Scope of Work:

The Contractor shall provide all labor and materials in order to install new generator transfer switch for the Louisiana Department of Health (LDH).

**Location:**

Central Louisiana Supports & Services Center

5400 Coliseum Boulevard

Alexandria, Louisiana 71303

# Specifications:

* The Contractor shall perform the following per Attachment D - CAD Drawing:
	+ Relocate existing City of Alexandria transformer pole to allow for transfer switch installation.
	+ Pour a 6” concrete pad around existing “MPC” feeder conduits.
	+ Install Transfer Switch, per specs below, on pad and connect to feeder conduits.
	+ Pour a 6” concrete pad for Docking Station.
	+ Install Docking Station, per specs below, on concrete pad.
	+ Connect to LDH provided 220KW portable generator and perform operational testing.
* The Contractor shall provide all devices, and associated circuitry as if originally included on the electrical plans.

o 12 - 350 MCM & 3#2/0 GRND in 3-3"C.

* + All conduit, wire, piping, and electrical equipment are not necessarily shown (see Attachment D - CAD Drawing).
* All electrical work shall comply with the 2020 edition of the National Electrical Code.
* The Contractor shall coordinate his work with that of other trades and all applicable utility companies.
* The Contractor shall coordinate scheduling of all power outages with owner a minimum of 72 hours in advance.
* The existing 1600A MCB NEMA 3R switchboard "MPC" for 120/240v, 3, 4W Delta Service shall remain in place.
* The existing underground feeder (16-500MCM IN 4- 3 -1/2"C) to "MPC" shall remain in place.

# Equipment shall be equal to:

Transfer Switch: New 1600 A NEMA 3R service entrance rated transfer switch.

Docking Station: New 1600A NEMA 3R Generator Docking Station with quick connect camlocks.

Wiring: All wiring shall be copper, with minimum size of #12 AWG.

Concrete: Form and Pour two 6" Concrete Pads :

 (a.) Docking Station

 (b.) Transfer Switch

# Terms and Conditions:

# Work shall be performed in a workmanlike manner according to standard, and meet all code requirements, federal, state, and local.