LIRR Design for Replacement of Long Beach Traction Power Substation, NY

The existing LIRR Subsation was damaged by Super Storm Sandy. AG's scope involves Mechanical Design services to develop preliminary design for Design/ Build (DB) contract documents for the construction of a new, fully operational Traction Power Substation at Long Beach, NY. The facility will be a one story substation building with cable vault.

Mechanical Design Elements include:

- 2 -Sump pumps (1000gpm each) with alarm inside cable vault
- Roof drainage
- Louver motors w/tie-in to FA control panel
- Wall mounted supply fans in the main equipment area
- Wall mounted exhaust fans w/tie-in to FA control panel
- Cable vault ventilation
- All duct work
- Ceiling hung electric unit heater with thermostat
- Electric cabinet heaters with thermostat

Location:

Long Beach, NY

Owner:

LIRR

Services Provided:

Mechanical

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