**Scope of Work:**

Contractor shall provide all labor and materials in order to install and set five aluminum poles and one main power wooden pole for the transportation parking lot. Contractor shall also install a power panel with lighting contactors to control all new LED floodlights at each pole. There are no existing light poles or lights in this parking lot. This will be all new construction.

**Location:**

Eastern Louisiana Mental Health System

4502 Hwy 951

Jackson, LA 70748

**Mandatory site visit contacts:**

Jonathan Holley. 225-634-0202 jonathan.holley@la.gov

Dylan Fury. 225-634-0325 dylan.fury@la.gov

**Specifications:**

* Contractor shall bore holes and install five aluminum poles 30 ft. in height. Contractor shall provide and set one wooden pole 30 ft. in height at 6’ below grade for the main power supply panel (the five aluminum poles shall be provided by LDH). Please refer to Attachment D for pole locations and numerical designations.
* Contractor shall install foundations on aluminum poles. Foundations shall be constructed of concrete (3,000 PSI), 10’ deep and 2’6” in diameter. Foundation shall include 5/8” reinforcing bars at 12” center.
* Contractor shall provide and install one ¾” copper ground rod at each pole.
* Contractor shall provide and install 1” galvanized rigid steel 90 degree elbow at each pole foundation from all underground PVC conduit going to the each pole foundation. (see Attachment D for circuit locations).
* Contractor shall provide and install a 1” PVC 36’’ below grade to feed each light pole from the main power pole (see Attachment D for circuits)
* Contractor shall provide and install two #6 AWG line and neutral and #10 AWG ground wire to all poles for lighting circuits on all new aluminum poles. Measurements from pole to pole are listed (see attachment D).
* Contractor shall provide and install 13 Halco SAL-300w 5000k flood light fixtures in total on the new aluminum poles. These listed lights are what we request because these are the lights that we use at our entire facility

**\*\*\*This item (Halco SAL-300w 5000k flood lights) has been approved as a proprietary purchase, and only the brands and models specified will be considered.\*\*\***

* + At Pole #1, the Contractor shall provide and install a 3-arm bullhorn bracket with three Halco SAL-300w 5000k flood light fixtures with full pole wiring with inline fuses.
	+ At Pole #2 the Contractor shall provide and install a 4-arm bullhorn bracket with four Halco SAL-300w 5000k flood light fixtures with full pole wiring with inline fuses. A 12” quazite box shall be set next to pole foundation with the incoming underground feed going to the quazite box first then to the foundation for pole feed.
	+ At Pole #3 the Contractor shall provide and install a 2-arm bullhorn bracket with two Halco SAL-300w 5000k flood light fixtures with full pole wiring with inline fuses. A 12” quazite box will need to be set next to pole foundation with the incoming underground feed going to the quazite box first then to the foundation for pole feed.
	+ At Pole #4 the Contractor shall provide and install a 2-arm bullhorn bracket with two Halco SAL-300w 5000k flood light fixtures with full pole wiring with inline fuses.
	+ At Pole #5 the Contractor shall provide and install a 2-arm bullhorn bracket with two Halco SAL-300w 5000k flood light fixtures with full pole wiring with inline fuses.
* Contractor shall provide and to install one in line fuse link at each new aluminum light pole for the incoming line-to-load to protect the lights on the new aluminum poles
* Contractor shall provide and install a 100amp Square D 20 space NEMA 3R panel on new main power wooden pole (see Attachment D) This panel can be equal to the one provided above.
* Contractor shall remove existing overhead triplex from one existing pole to be moved and installed to the new wooden main power pole.
* Contractor to provide material and labor to install two 30 amp lighting connectors with Hand-off-auto switches at the panel on the main power supply pole in a 12” sealed PVC box with the auto function being photocell powered.
* Everything stated above is for the new five aluminum poles for lights and the one new wooden pole with new main power panel.