

## **MORGAN COUNTY FAIRGROUNDS ELECTRICAL UPGRADES RFP**

Morgan County seeks an infrastructure upgrade for the Morgan County Fairgrounds including LED upgrade to main arena lights.

Issued by: Morgan County Recreation

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The fairgrounds is in need of more power to support food trucks, vendors, and future buildings.

- Set a 1200amp 3phase switch gear centrally located by the flagpole. Which will support 2-400amp 3phase outdoor panels and 1-200amp 3phase outdoor panel. The switch gear will have spare breakers and spaces for a future exhibit building, bathrooms and much more.
- Panel-A will be located about center of the arena behind the bleachers on the concessions side.
- Panel-B will be located behind the practice arena bleachers.
- Panel-C which is the 200amp 3phase panel will be located by the bounce house and poultry area.

Panels should support 24 total pedestals with 1-50amp 220volt outlet and 1- 20amp 120volt GFCI outlet. These panels should have room for future growth.

- Should include raceways for Morgan City power. Morgan City power needs to set a High voltage switch and new transformer for this service. Morgan City power will pull and terminate high voltage wires.

Replace 7 pole lights in arena with average of 38 foot candles of light

New 34' pole with LED sports light fixtures.

3-LED Flood lights over bleachers by concession stands that match existing lights

2-LED Flood lights aiming over stock shoots that match existing lights

Use existing control for new poles

Crane and all lifts fees to be included

Prefer use of the existing concrete bases

Budget for fixing base plate bolt patterns

### **Main Arena**

#### *New poles and LED lights*

- Remove all 7-lighting poles from existing cement foundations, (metal poles and fixtures area to be turned over to the county to demo as needed)
- Two light poles on the Northside are to be cut down at least 6"below exiting grade (Cement poles to be hauled off by Contractor)
- Four new precast light pole foundations are to be augured in new locations, set and cemented in place as per plan. (Spoils are to be hauled off by Contractor)
- New wire is to be pulled into all lights using existing conduit (Assuming all existing conduit is in good enough shape to re-pull in new wire)
- Install new control box near existing panel for simple on/off controls for the four new precast light poles

*Include all materials, equipment, and labor for a complete project*

### **Roping Arena**

- Remove existing light poles and lights for new light poles (Metal poles and lights are to be turned over to county to haul off)
- Provide new lights and light poles in six (6) locations
- Use existing wiring to all new light poles

*Includes all materials, equipment, and labor for a complete project*

### **Exhibit Building Add-on**

- Add 200amp 3phase outdoor panel by chain link fence located next to the Exhibit building.
- This includes trenching and backfill.

### **Parking Lot Upgrade**

- Change seven (7) parking lot lights to new LED cobra head fixture
- Run new conduit to the SW corner of the parking lot (by the River Lodge)

### **Power Pedestals**

Install twelve (12) power pedestals [Map attached for location]

Morgan County Fairgrounds Electrical RFP – 50 AMP power pedestal locations ●

