

# **Whitesville Road Soccer Complex - Expansion Project**

## **Soccer Field Lighting System - RFP (9/5/2024)**

### **1700 Whitesville Road, LaGrange, Ga 30240**

#### **Quote/Bid #1 – Soccer Field Lighting System (Scope of Work):**

- Field Lighting Level = Minimum 30FC average.
- Per the Site Plan Provided (+3 new fields @ 240'x360')
- Provide a 25 year comprehensive warranty (parts & labor).
- Provide and install all required/necessary materials, supplies, labor, equipment, machinery, etc. for a complete LED lighting system installation, per the scope of work.
- Submit a complete LED lighting system design layout to include the location of all light poles, underground electrical circuitry, and electrical components [meter base(s), disconnect(s), breaker panel(s), controls, enclosures, cabinets, etc.], prior to production and installation.
- Submit a photometric design layout for review and approval, prior to production and installation.
- All LED Lighting, submit product information for review and approval, as detailed in the photometric design/layout, prior to production and installation.
- Galvanized steel poles & lighting supports / cross arms, submit product information for review and approval, as detailed in the photometric design/layout, prior to production and installation.
- Pole mounting heights shall be designed to minimize glare and maximize playability.
- Base foundation, submit product information and/or engineering design for review and approval, prior to production and installation.
- Final lighting, aiming, and field adjustments; prior to acceptance.
- Provide all required permitting and engineering. Submit 811 utility locates, as required.
- Pre-wired system with pole mounted disconnects.
- Provide and install all electrical components [meter base(s), disconnect(s), breaker panel(s), controls, enclosures, cabinets, etc.], as required for a complete LED lighting system installation.
- Provide and install all underground electrical circuitry to poles, as required for a complete lighting system installation.
- Fully integrated wireless communication system to allow for on-site and off-site control of the lighting system, including On/Off and dimming controls.
- Provide all commissioning and training for the system.
- Wireless modules will be factory integrated.
- Installation of wireless base station at location (TBD).
- Minimize lighting spill-over to adjacent properties, demonstrate on the photometric design layout.
- Minimize lighting glare for the players, spectators, and neighbors.
- All work shall be coordinated with Troup County Staff.
- UL Listed equipment/electronics.
- Comply with all applicable Building Codes, Electrical Codes, and Fire Life Safety Codes.
- Structural code and wind speed = 2018 IBC, 110 mi/h, and exposure: C, Importance Factor 3.

- Provide a copy of all manufacturer's product warranties and the contractor's written warranty covering all labor, installation, and workmanship.
- Clean-up & dispose of all construction debris and/or trash, per Local/State/Federal regulations.
- Protect surrounding areas from damage & debris.
- NO materials/equipment/labor shall be allowed on the playing field surface.
- Submit a Quote/Bid to include all required/necessary materials, supplies, labor, equipment, machinery, etc. for a complete LED lighting system installation.
- Provide the specification(s) and location(s) for the required/necessary electrical power supply for the LED lighting system.
- Troup County (owner) is responsible for getting the required/necessary electrical power supply to the site, coordinating with the electrical provider, and any electrical provider fees/costs.

**Alternative/Option #1 – Soccer Field Lighting System (Scope of Work):**

- Field Lighting Level = Minimum 50FC average.
- Same scope of work as listed above, except for the increased field lighting level.