

## Quote

Date: May 22, 2019  
To: Monroe County Schools

Project: Coral Shores High School Sports Lighting  
Tavernier, FL

Sourcewell (Formerly NJPA)

Master Project: 170558, Contract Number: 082114-msl, Expiration: 09/16/2019

Category: Facility & MRO, Sub-Category: Athletic Field / Court and Parking Lot Lighting Systems

### **Quotation Price – Materials, Engineering, and Installation - Existing Poles and Existing Electrical**

- **Football/ Track, Softball Field, & Multipurpose Field**

.....**\$363,500.00 Includes Bonding & Davis Bacon Prevailing Wages**

*Sales tax and permitting fees are not included.*

*Pricing furnished is effective for 90 days unless otherwise noted and is considered confidential.*

### **Total Light Control – TLC for LED™ technology**

#### **Guaranteed Light Levels**

- Guaranteed light levels for 10 years per design.

#### **System Description**

- Factory wired and tested remote driver enclosures
- Pole length, factory assembled wire harnesses
- Factory wired poletop luminaire assemblies
- Factory aimed and assembled luminaries

#### **Control Systems and Services**

- Control-Link® System for remote on/off control and performance monitoring with 24/7 customer support
- High / Medium / Low Dimming

#### **Operation and Warranty Services**

- Product assurance and warranty program that covers materials and onsite labor, eliminating 100% of your maintenance costs for 10 years
- Support from Musco's Lighting Services Team – over 170 Team members dedicated to operating and maintaining your lighting system – plus a network of 1800+ contractors



### Pricing Per Sourcewell

| Field Description   | Quantity | Pricing Per Sourcewell | Extended Price      |
|---|----------|------------------------|---------------------|
| Football Field – 360' x 160' - 50 Footcandles<br>70' Setbacks     | 1        | \$227,144.00           | \$227,144.00        |
| Softball Field – 60' Base Path – 225' Radius<br>50/30 Footcandles | 1        | \$116,617.00           | \$116,617.00        |
| Electrical Engineering  | 1        | \$2,500.00             | \$2,500.00          |
| Installation of Contactor Cabinet                                 | 1        | \$7,500.00             | \$7,500.00          |
| Fixture Installation – Existing 90' Poles                         | 4        | \$7,500.00             | \$30,000.00         |
| Fixture Installation – Existing 50' Poles                         | 9        | \$5,000.00             | \$45,000.00         |
| Bonding   | 1        | \$4,000.00             | \$4,000.00          |
|   |          |                        |                     |
| <b>Deducts: Design Parameters</b>                                 |          |                        | <b>\$69,261.00</b>  |
| <b>Total</b>  |          |                        | <b>\$363,500.00</b> |

### Installation Services Provided

#### Owner Responsibilities:

1. Provide total access to the site and pole locations for construction. Equipment must be able to move from location to location on standard rubber tires – no towing required.
2. Provide reference points (one per field) for sighting in lighting cross-arms.
3. Remove any trees, limbs, shrubs, etc. for total access to pole locations.
4. Removal, replacement, and repair of all fencing necessary for construction.
5. Locate and mark existing irrigation systems prior to the commencement of construction.
6. Provide existing electrical design and site plan as necessary.
7. Pay for any and all construction permit fees.

#### Musco Responsibilities / Musco Subcontractor Responsibilities:

- 1) Provide layout of pole locations, aiming diagram, and associated designs.
- 2) Provide pole inspection and survey of existing poles for height, size, and location.
- 3) Provide required Musco TLC-LED equipment.
- 4) Provide Project Management and assistance as needed.
- 5) Provide light test upon completion of work.
- 6) Remove and dispose of existing lighting fixtures and electrical enclosures on (14) existing poles. This will include the recycling of lamps, aluminum reflectors, ballast and steel as necessary.
- 7) Leave the existing grounding wires and power feed in place for reattachment to the new TLC-LED product.
- 8) Provide adequate trash container for cardboard waste and packing debris.
- 9) Provide storage containers for material, including electrical enclosures.
- 10) Provide adequate security to protect Musco delivered products from theft, vandalism or damage during the installation.
- 11) Provide equipment and materials to off load equipment at jobsite per scheduled delivery.
- 12) Obtain any and all required permits.
- 13) Locate existing underground utilities and irrigation system so as to avoid damage from construction equipment. Repair any such items damaged during construction.
- 14) Provide electrical design drawings as required.
- 15) Provide materials and equipment to upgrade existing electrical service panels if required by electrical design.
- 16) Ground the new product on poles per NFPA 780 and NEC code. This will include grounding of the electrical enclosures



## Quote

and remote light fixture cross arms. Existing lightning protection to be verified and repaired as needed to comply with Musco warranty.

- 17) Install Musco electrical enclosures and fixtures on existing poles and terminate power feed. Power feed may need to be reworked to adapt to the new Musco lighting equipment.
- 18) Provide materials and equipment to wire and terminate drivers to TLC-LED fixtures.
- 19) Provide materials and equipment to install the Musco supplied Lighting Contactor Cabinet(s). Subcontractor to commission Control Link once the entire system is energized.
- 20) Keep all heavy equipment off of playing fields and surfaces whenever possible. Use due care to minimize damages when playing surface access is required.
- 21) Jobsite to be returned to condition existing prior to construction of lighting system.
- 22) Conduct system startup and additional aiming as required to provide a complete and operating sports lighting system.

### ***Payment Terms***

---

Net 30 days

Email or fax a copy of the Purchase Order to Musco Sports Lighting, LLC:

Musco Sports Lighting, LLC  
Attn: Ryan Tighe  
Fax: 800-374-6402  
Email: musco.contracts@musco.com

**All purchase orders should note the following:**

**Sourcewell (Formerly NJPA) purchase – Contract Number: 082114-MSL**

### ***Delivery Timing***

---

6 - 8 weeks for delivery of materials to the job site from the time of order, submittal approval, and confirmation of order details including voltage, phase, and pole locations.

Due to the built-in custom light control per luminaire, pole locations need to be confirmed prior to production. Changes to pole locations after the product is sent to production could result in additional charges.

### ***Notes***

---

Quote is based on:

- Shipment of entire project together to one location
- 480 Volt, 3 Phase electrical system requirement
- Football / Track, Multipurpose Field, and Softball Field
- Electrical Service located indoors and (1) service location

Thank you for considering Musco for your lighting needs. Please contact me with any questions or need additional details.



Jason Frucht  
Sales Representative  
Musco Sports Lighting, LLC  
Phone: 954-732-5674  
E-mail: Jason.Frucht@musco.com

