

**Project: 1849 Park  
Pflugerville, TX  
Ref: 181347  
Date: January 15, 2018**

**BuyBoard  
Master Project: 146396, Contract Number: 512-16, Expiration: 09/30/2019  
Commodity: Parks/Rec & Field Lighting**

***Quotation Price – Materials Delivered to Job Site and Installation***

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**LED Multipurpose Fields & Parking Lot - .....\$ 1,410,000  
Bonding - .....\$ 11,633**

***Pricing furnished is effective for 60 days unless otherwise noted and is considered confidential.  
Sales tax of the equipment is not included.***

***Light-Structure System with Total Light Control – TLC for LED™ technology***

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**Guaranteed Lighting Performance**

- Guaranteed light levels of 30 footcandles and uniformities of 2.0:1.0

**System Description - Light-Structure System**

- (15) Pre-cast concrete bases with integrated lightning grounding
- (15) Galvanized steel poles
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- Factory wired poletop luminaire assemblies
- (264) Factory aimed and assembled luminaries
- (18) TLC-LED-400 fixtures for security lighting
- UL Listed as a complete system

**Control Systems and Services**

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

**Operation and Warranty Services**

- Reduction of energy and maintenance costs by 50% to 85% over typical 1500W metal halide equipment
- Product assurance and warranty program that covers materials and onsite labor, eliminating 100% of your maintenance costs for 25 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

***Parking Lot***

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- (53) OSQ area luminaires
- (33) 30' height square steel pole with base plate
- 10-year materials and onsite labor warranty on parking lot



### ***Installation Services Provided***

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See attached.

### ***Payment Terms***

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Payment terms to be defined by Musco Lighting's credit department.

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

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

BuyBoard Cooperative Purchasing  
Attn: Sharon McAfee  
Fax: 800-211-5454  
Email: info@buyboard.com

**All purchase orders should note the following:  
BuyBoard purchase – Contract Number: 512-16**

### ***Delivery Timing***

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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***

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Quote is based on:

- Shipment of entire project together to one location
- Voltage and phasing to be confirmed prior to production
- Structural code and wind speed = 2012 IBC, 115 MPH, Importance Factor 1.0.
- Owner is responsible for getting electrical power to the site, coordination with the utility, and any power company fees
- Includes supply and installation of Musco system including underground wiring and conduit, service entrance panel board, and controls by a licensed contractor.
- Standard soil conditions – rock, bottomless, wet or unsuitable soil may require additional engineering, special installation methods and additional cost
- Confirmation of pole locations prior to production, Installation of parking/roadway lighting poles not included.
- Includes LED fixtures for multipurpose fields but no directional Ball Tracking Fixtures

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

Brant Troutman  
Field Sales Representative  
Musco Sports Lighting, LLC  
Phone: 512-914-9500  
E-mail: brant.troutman@musco.com



## Scope of Work - Pole in the Air

### Owner Responsibilities:

1. Complete access to the site for construction utilizing 2 wheel drive rubber tired equipment. If ground conditions require mats, planking, or larger equipment to complete the installation extra costs will be charged as a Changer Order. Multiple mobilizations due to site conditions or other On-Site Contractors may also be charged.
2. The Site must be ready for installation of Musco provided materials and access to all pole locations cleared.
3. Locate existing underground utilities not covered under the "One Call", mark irrigation systems, sprinkler heads, Musco or Subcontractor will not be responsible for repairs to unmarked utilities.
4. Locate and mark field boundary lines per Musco supplied layout.
5. Extra costs associated with foundation excavation in non-standard soils (rock, caliche, high water table, collapsing holes, etc.). Standard soils are defined as soils that can be excavated using standard earth auguring equipment.
6. Owner responsible for any power company fees and requirements. **(If necessary).**
7. Provide area on site for disposal of spoils from foundation excavation.
8. Electrical design & installation.
9. Provide step down transformer for 120v control circuit if not available.
10. Provide equipment and materials to install (2) new Lighting Contactor Cabinets and terminate all necessary wiring. Contactor cabinets will be delivered with poles and fixtures.
11. Contractor will commission Control Link by contacting Control Link Central at (877-347-3319) and going through the following steps:
12. Check all Zones to make sure they work in both auto and manual mode.
13. 1 hour comprehensive burn of all lights on each zone.
14. Set base line for the DAS (Diagnostic Acquisition System)

### Musco Responsibilities:

1. Provide required poles, fixtures, and foundations.
2. Provide layout of pole locations and aiming diagram.
3. Provide Project Management assistance as needed.
4. Provide stamped foundation designs based on 2500psf soils.
5. Musco shall provide Performance and Payment Bonds in an amount equal to the total amount of bid.  
**(Only if Required, Not included in Quote)**

### Musco Subcontractor Responsibilities:

1. Provide equipment and materials to off load equipment at jobsite per scheduled delivery. Lighting Contactor Cabinets will need to be given to on-site customer representative.
2. Provide storage containers for materials (including ballast boxes) as needed and waste disposal.
3. Provide adequate security to protect Musco delivered products from theft, vandalism or damage during the installation.
4. Obtain any required permitting.
5. Confirm the existing underground utilities and irrigation systems have been located and are clearly marked so as to avoid damage from construction equipment. Repair any such damage during construction.
6. Provide materials and equipment to install (12) LSS foundations and (3) anchor bolt foundations as specified on Layout.
7. Remove spoils to owner designated location at jobsite.
8. Provide materials and equipment to assemble (282) LED fixtures.
9. Provide equipment and materials to assemble and erect (12) LSS Poles and (3) Valmont anchor bolts poles.
10. Keep all heavy equipment off of playing fields when possible. Repair damage to grounds which exceeds that which would be expected. Indentations caused by heavy equipment traveling over dry ground would be an example of expected damage. Ruts and sod damage caused by equipment traveling over wet grounds would be an example of damage requiring repair.
11. Concrete Break tests, Crane Lift Plans, screenings for other subcontractors, pre-approval of cranes or any contractor equipment to be used on site, Background Checks, Specific Badging items are not included in our price.
12. Prevailing Wages per local rates will apply and Certified Payroll documents will be required weekly.

