



**Greg Clark Park Softball Relight
Kyle, TX**

**Date: August 25, 2016
To: City of Kyle**

**Texas Buy Board
Master Project: 146396
Contract Number: 423-13
Expiration: 09/30/2016
Commodity: Parks/Rec & Field Lighting**

Quotation Price – Turnkey

Musco's Light Structure Green™ as described below and delivered to the job site:

Softball Relight..... \$105,000.

Poles are **not** included as part of this quote. Quote does not include bonding.

***Pricing furnished is effective for 60 days unless otherwise noted and is considered confidential.
Divulging technical or pricing information to competitive vendors will result in removal from the bid list.***

Equipment Description

SportsCluster Green™ System delivered to your site

- Factory aimed poletop luminaire assemblies
- (16) 1500 watt metal halide luminaires
- UL Listed remote electrical component enclosures
- Mounting hardware for the poletop assemblies and electrical component enclosures
- Pole length wire harness
- Disconnects

Also includes:

- Energy savings of more than 50% over a standard lighting system
- 50% less spill and glare light than Musco's prior industry leading technology
- Musco Constant 10™ product assurance & warranty program that eliminates 100% of your maintenance costs for 10 years, including labor and materials on Musco manufactured product. The Constant 10 Warranty is contingent upon site review for compatibility with Musco's lighting system.
- Guaranteed constant light level of 30fc infield/20fc outfield for 10 years
- 1 group re-lamp(s) at the end of the lamps' rated life, 5000 hours
- Reduced energy consumption with an average of 25.02 kW per hour
- Control Link® Control & Monitoring system for flexible control and solid management of your lighting system
- Lighting contactors sized for Voltage4 and Phasing

Payment Terms to be determined between Musco Credit department and purchasing entity

Fax or e-mail a copy of your Purchase Order to:

BuyBoard Cooperative Purchasing

Fax: 800-211-5454

E-mail: info@buyboard.com

Musco Sports Lighting, LLC

Fax: 800-374-6402

musco.contracts@musco.com

All purchase orders and/or Musco PA's should note the following:

BuyBoard Purchase

Master Project: 146396

Contract Number: 423-13

The contract balance is due upon terms approved by Musco's Credit department.

Late payment will be subject to service charges of 1 ½ % per month (18% APR).

Musco will make every effort to coordinate shipment so that delivery corresponds with the customer's payment schedule. We will expect payment within the terms described above unless there is a written statement from Musco's corporate headquarters stating the acceptance of different terms.

Delivery to the job site from the time of order, submittal approval, and confirmation of order details including voltage and phase, pole locations is approximately 30-45 days. 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
- System will be manufactured to existing voltage and phasing at site
- Confirmation of pole locations prior to production
- Musco's Constant 10™ product assurance and warranty program is contingent upon site review for compatibility with Musco's lighting system [inspection should already be complete by now, but include this language if special circumstance]

Brant Troutman

Sales Representative

Musco Sports Lighting, LLC

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E-mail: brant.troutman@musco.com

Fax: 800-374-6402

Scope of Work Greg Clark Park Softball and Football Retrofit

Owner Responsibilities:

1. Reasonable access to the site for construction, including closing of the roads and moving cars out of parking areas to allow subcontractor to work on poles as needed. 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, irrigation lines, sprinkler heads as needed.
4. All necessary permitting including any environmental issues.

Musco Responsibilities:

1. Provide Project Management and assistance as needed.
2. Provide layout of pole locations and aiming diagram.
3. Provide required Musco Sports Cluster Green equipment.
4. 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. Remove and dispose of the existing lighting fixtures and electrical enclosures on (5) poles. This will include the recycling of lamps, aluminum reflectors, ballast and steel as necessary.
2. Leave the existing grounding wires and power feed in place for reattachment to the new SCG product.
3. Provide storage containers for materials (including ballast boxes) as needed and waste disposal.
4. Provide adequate security to protect Musco delivered products from theft, vandalism or damage during the installation.
5. Provide equipment and materials to off load equipment at jobsite per scheduled delivery.
6. Ground the new product on poles per the NFPA 780 code. This will include grounding of the electrical enclosures and remote light fixture cross arms.
7. Install Musco electrical enclosures and fixtures on existing poles and terminate power feed. Power feed may need reworked to adapt to the new Musco lighting equipment.
8. Provide step down transformer for 120v control circuit if not available.
9. Provide equipment and materials to install (2) new Lighting Contactor cabinets for softball and (3) new contactor cabinets for the Football non Musco field.
10. Provide materials and equipment to wire and terminate ballast to (16) SCG fixtures on(5) poles.
11. Contractor will commission Control Link by contacting control-Link Central (877-347-3319).
12. Check all zones to make sure they work in both auto and manual mode.
13. 1 hour comprehensive burn of the lights on each zone.
14. Set baseline for the DAS (Diagnostic Acquisition System).
15. Keep all heavy equipment off of playing fields. 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.

16. Jobsite to be returned to condition existing prior to construction of lighting system.
17. Confirm the location of existing underground utilities and irrigation system so as to avoid damage from construction equipment. Repair any such items damaged during construction.
18. 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.
19. Prevailing Wages per local rates will apply and Certified Payroll documents will be required weekly.

Thank you for considering Musco for your sports-lighting needs. Please contact me with any questions.