

**Project: Andrews Skate Park
Norman, OK
Ref: 206266
Date: August 14, 2020**

BuyBoard

Master Project: 196290, Contract Number: 592-19, Expiration: 09/30/2020

Commodity: Parks and Recreation Equipment and Field Lighting Products and Installation

All purchase orders should note the following:

BuyBoard purchase – Contract Number: 592-19

Quotation Price – Materials Delivered to Job Site and Installation

Skate Park Lighting - \$ 153,432

Sales tax is not included.

Pricing furnished is effective for 60 days unless otherwise noted and is considered confidential.

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

Guaranteed Lighting Performance

- Guaranteed light levels of 30 foot-candles and uniformity of 2.5:1.0

Light-Structure System Description

- 5 - Pre-cast concrete bases with integrated lightning grounding
- 5 - Galvanized steel poles
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- Factory wired poletop luminaire assemblies
- 20 -Factory aimed and assembled luminaires

Control Systems and Services

- Player-activated pushbutton control system with strobe to provide timed on/off control
- Control-Link® Control and Monitoring system to provide remote on/off and dimming (high/medium/low) control and performance monitoring with 24/7 customer support

Operation and Warranty Services

- Reduction of energy and maintenance costs by 40% 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



Installation Services Provided

See scope of work below.

Payment Terms

Musco's Credit Department will provide payment details.

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

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

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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.
- Voltage and phasing to be confirmed prior to production.
- Structural code and wind speed = 2015 IBC, 115 mi/h, Exposure C, 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 by a licensed contractor.
- Confirmation of pole locations prior to production.
- Field size – 250' x 400'

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

Mike Cook
Oklahoma Field Sales Representative
Musco Sports Lighting, LLC
Phone: 405-834-0633
E-mail: mike.cook@musco.com



**Andrews Skate Park
Norman, OK
Turnkey Scope of Work**

Customer Responsibilities:

1. Complete access to the site for construction using standard 2-wheel drive rubber tire equipment.
2. Locate existing underground utilities not covered by your local utilities. (i.e. water lines, electrical lines, irrigation systems). Musco or Subcontractor will not be responsible for repairs to unmarked utilities.
3. Locate and mark field reference points per Musco supplied layout. (i.e. home plate, center of FB field)
4. Pay for extra costs associated with foundation excavation in non-standard soils (rock, high water table, collapsing holes, etc.) or soils not defined in geo-technical report (Red Rock Consulting, LCC 10/9/19). Standard soils are defined as soils that can be excavated using standard earth auguring equipment.
5. Install all underground conduit and pull boxes.
6. Pay any necessary power company fees and requirements.
7. Pay all permitting fees.
8. Provide area on site for disposal of spoils from foundation excavation.
9. Provide area on site for dumpsters.
10. Provide sealed Electrical Plans. (If required)

Musco Responsibilities:

1. Provide foundations, poles, electrical enclosures, luminaires, pole harnesses, and control cabinets.
2. Provide layout of pole locations and aiming diagram.
3. Provide Project Management as required.
4. Provide stamped foundation designs based on soils defined in the geotechnical report.
5. Assist our installing subcontractor and ensure our responsibilities are satisfied.

Musco Subcontractor Responsibilities

General:

1. Provide labor, equipment, and materials to off load equipment at jobsite per scheduled delivery.
2. Provide storage containers for material, (including electrical components enclosures), as needed.
3. Provide necessary waste disposal and daily clean up.
4. Provide security to protect Musco products from theft, vandalism or damage during the installation.
5. Obtain any required permitting.
6. Confirm the existing underground utilities and irrigation have been located and are clearly marked in order to avoid damage from construction equipment. Repair any such damage during construction.
7. Keep all heavy equipment off 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.



8. Provide startup and aiming as required to provide complete and operating sports lighting system.
9. Installation to commence upon delivery and proceed without interruption until complete. Musco to be immediately notified of any breaks in schedule or delays.

Foundations, Poles, and Luminaires:

1. Mark and confirm pole locations per the aiming diagram provided. If there are any issues, immediately notify your Musco Project Manager.
2. Provide labor, materials, and equipment to install 5 LSS foundations as specified on Layout and per the stamped foundation drawings, if applicable.
3. Remove spoils to owner designated location at jobsite.
4. Provide labor, materials, and equipment to assemble Musco TLC-LED luminaires, electrical component enclosures, poles, and pole harnesses.
5. Provide labor, equipment, and materials to erect 5 dressed LSS Poles and aim utilizing the pole alignment beam.

Electrical:

1. Provide labor, materials, and equipment to install new electrical service panels as required.
2. Provide labor, materials, and equipment to install wiring and junction boxes and terminate wiring as required (All underground conduit and pull boxes are installed by customer).
3. Provide as-built drawings on completion of installation, **(if required)**.

Control System:

1. Provide labor, equipment, and materials to install 1 Musco Control and Monitoring cabinet and terminate all necessary wiring.
2. Provide a dedicated 120 V 20 A controls circuit or a step-down transformer for 120 V control circuit if not available.
3. Provide a dedicated 20 A breaker connected to all available phases for powerline communication.
4. Check all zones to make sure they work in both auto and manual mode.
5. Commission Control-Link® by contacting Control Link Central™ at 877-347-3319.



CODE OF CONDUCT

In order to maintain a high-quality jobsite and installation, Subcontractor represents to Musco that it has the supervision necessary to, and shall train, manage, supervise, monitor, and inspect the activities of its employees for the purpose of enforcing compliance with these safety requirements. Subcontractor acknowledges that Musco does not undertake any duty toward Subcontractor's employees to train, manage, supervise, monitor, and inspect their work activities for the purpose of enforcing compliance with these safety requirements, but Subcontractor agrees to abide by any reasonable recommendations made by Musco or Musco representatives with respect to safety.

Subcontractor agrees that it is or will be familiar with and shall abide by the safety rules and regulations of Musco and the Owner, including, but not limited to the Occupational Safety and Health Act of 1970 (OSHA), all rules and regulations established pursuant thereto, and all amendments and supplements thereto.

Subcontractor further agrees to require all its employees, subcontractors, and suppliers to comply with these requirements. Subcontractor shall also observe and comply with all laws with respect to environmental protection applicable to the Project.

Subcontractor shall require all its subcontractors, employees, visitors, suppliers, and agents under its direction to comply with the following:

1. GENERAL JOBSITE SAFETY AND CLEANLINESS.

- a. Subcontractor's employees and agents shall be required to wear appropriate personal protective equipment including, but not limited to, safety glasses with side shields, work shoes, fall protection devices, and hard hats.
- b. Where a walking or working surface has an unprotected side or edge which is six feet or more above a lower level, Subcontractor shall use guardrail systems, safety net systems, or personal fall arrest systems.
- c. Jobsite shall be kept free of debris including, but not limited to, cardboard and packing materials which can become windborne.
- d. Construction equipment shall be parked during non-use in an orderly fashion so as not to create inconvenience to others using the jobsite.
- e. Subcontractor shall provide for and ensure the use of safety equipment for the Project in accordance with Musco's and Owner's safety requirements, to the extent these may be stricter than federal, state, or local standards, or generally recognized industry applicable standards.
- f. Subcontractor shall provide the Musco project manager with an "Emergency List" showing Subcontractor's designated medical doctor, hospital, insurance company, and any other health service providers, such list to be updated within 24 hours of any change in the information provided.



- g. Within eight (8) hours from the time of an accident (or such shorter period as laws may require), Subcontractor shall advise Musco of any accident resulting in injury to any person or damage to any equipment or facility. Upon request, Subcontractor shall promptly furnish Musco with a written report of any such accident as well as a copy of all insurance and worker's compensation claims involving the Project.
 - h. Subcontractor shall maintain and inspect all construction equipment, including cranes and other lifting equipment, prior to each use. Subcontractor warrants that all equipment operators shall be qualified for each piece of construction equipment they intend to operate. Documentation of specific training is the responsibility of the Subcontractor.
 - i. Jobsite shall be policed daily for compliance to the above conditions.
 - j. Subcontractor's employees and agents are prohibited from using drugs and alcohol on the Project property or being under the influence of alcohol or drugs while performing work on the Project. Anyone observed participating in or observed under the influence will be removed from the Project immediately and prohibited from returning, with no exceptions.
2. CONFORMANCE TO STANDARD MUSCO INSTALLATION GUIDELINES.
- a. Review and understand installation instructions are provided with every product installation.
 - b. Education of installation personnel to allow for highest efficiency and lowest possibility of failure.
 - c. Verify that components have been assembled per Musco installation instructions.
 - d. Verify plumb of concrete foundations prior to standing of poles.
3. PROVIDING A QUALITY INSTALLATION TEAM.
- a. Subcontractor's work directly reflects the quality of the installation and may indirectly relate to the quality of the product upon which Musco's reputation is built.
 - b. Provide and maintain quality installation equipment. Records of maintenance and/or calibration shall be provided upon request.
 - c. Personnel shall be knowledgeable in operation of equipment as well as installation of Musco product.
 - d. All personnel provided by Subcontractor shall understand the relationship developed by and between Subcontractor and Musco, also by and between Musco and the customer, and act accordingly.