

Date: 3/12/25

Project: Meadow Lane Park Basketball Court and Tennis Courts

Vienna, VA

Project #: 184108

Attachment 4

Sourcewell

Master Project: 199030, Contract Number: 041123-MSL, Expiration: 06/16/2027

Category: Sports lighting with related supplies and services

All purchase orders should note the following:

Sourcewell purchase – Contract Number: 041123-MSL

*Pricing furnished is effective for 60 days unless otherwise noted and is considered confidential.**Formal Scope of work below.***Basketball and Tennis Court Quotation Price – Materials Delivered to Job Site and Installation**

Sourcewell Materials Cost (Basketball Court Used from Sourcewell Price List)	\$40,029.00
Sourcewell Materials Cost (2 Tennis Courts Used from Sourcewell Price List)	\$46,724.00
Installation	\$65,807.00
Musco Materials Discount	(-\$10,728.00)
Total Materials and Installation	\$141,832.00
Adder for Bonding (If required)	\$780.00
Adder Installation for New Conduit for Future Softball Lighting	\$8,000.00
Total Materials and Installation	\$149,832.00
Adder for Bonding with Adders (If required)	\$824.00

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

- Guaranteed light levels of:
 - **Basketball- 30 FC and uniformity of 3:1**
 - **Tennis- 30 FC and uniformity of 2.5:1**

System Description

- (4) Pre-cast concrete bases with integrated lightning grounding
- (4) Galvanized steel poles
- (2) Push Buttons with Player Activated Controls provided with timed on/off control
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- Factory wired poletop luminaire assemblies
- Factory aimed and assembled luminaires
- UL Listed assemblies

Control Systems and Warranty Services

- 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
- Product assurance and warranty program that covers materials and onsite labor, eliminating 100% of your maintenance costs for **25 years**

Musco Scope

-
- Provide design and layout for lighting system
 - Test and final aim equipment

Responsibilities of Buyer

- Confirm pole or luminaire locations, supply voltage and phase required for lighting system prior to production
- Provide electrical design and materials for electrical distribution system
- Provide labor and equipment for installation of electrical distribution system
- Buyer is responsible for getting electrical power to the site, coordination with the utility, and any power company fees
- The unloading and storage of the material on site is the responsibility of the buyer

Payment Terms

Musco's Credit Department will provide payment terms.

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

Musco Sports Lighting, LLC

Attn: Beth Sheeley

Fax: 800-374-6402

Email: musco.contracts@musco.com

All purchase orders should note the following:

Sourcewell purchase – contract number: 041123-MSL

Delivery Timing

8 - 12 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.
- Structural code and wind speed = 2021 IBC, 115 mph, Exposure C, Risk Factor 1.
- Owner is responsible for getting electrical power to the site, coordination with the utility, and any power company fees.
- Confirmation of pole locations prior to production.

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

Daniel McCoy, Sales Representative

Musco Sports Lighting, LLC

Phone: 804-836-6785

E-mail: Daniel.mccoy@musco.com

Meadow Lane Park Tennis and Basketball Courts**Vienna, VA****Turnkey Scope of Work****Customer Responsibilities:**

1. Complete access to the site for construction utilizing 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, and sprinkler heads). 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, caliche, high water table, collapsing holes, etc.) or soils not defined in geo-technical report. Standard soils are defined as soils that can be excavated using standard earth auguring equipment.
5. Pay any power company fees and requirements.
6. Provide area on site for disposal of spoils from foundation excavation.
7. Provide area on site for dumpsters.

Musco Responsibilities:

1. Provide required foundations, poles, electrical enclosures, luminaires, wire harnesses, and control cabinets.
2. Provide layout of pole locations and aiming diagram.
3. Provide Contract Management as required.
4. Provide stamped foundation designs based on soils that meet or exceed those of a Class 5 material as defined by 2018 IBC Table 1806.2.
5. Assist our installing subcontractor and ensure our responsibilities are satisfied.

Subcontractor Responsibilities**General:**

1. Obtain any required permitting.
2. Contact your local udig for locating underground public utilities and then confirm they have been clearly marked.
3. Contact the facility owner/manager to confirm the existing private underground utilities and irrigation systems have been located and are clearly marked to avoid damage from construction equipment. Notify owner and repair damage to marked utilities. Notify owner and Musco regarding damage which occurred to unmarked utilities.
4. Provide labor, equipment, and materials to offload equipment at jobsite per scheduled delivery.
5. Provide storage containers for material (including electrical components enclosures), as needed.
6. Provide necessary waste disposal and daily cleanup.
7. Provide adequate security to protect Musco delivered products from theft, vandalism or damage during the installation.
8. 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.
9. Provide startup and aiming as required to provide complete and operating sports lighting system.
10. Installation to commence upon delivery and proceed without interruption until complete. Notify Musco immediately of any breaks in schedule or delays.
11. Provide sealed Electrical Plans (if required).
12. Pay all permitting fees and obtain the required electrical permitting.
13. **To note- price excludes encountering any rock**

Demolition:

1. Remove and dispose of the existing lighting poles, fixtures, and electrical enclosures.

2. Demolish existing foundations to 2 ft (0.6 m) below grade.
3. Leave existing power feed in place for connection to new pole locations.

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 4 LSS foundations as specified on Layout and per the stamped foundation drawings, if applicable.
3. Remove spoils and dispose of off site.
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 4 dressed LSS Poles and aim utilizing the pole alignment beam.

Electrical:

1. Plan is to provide labor, materials, and equipment to reuse existing electrical unless otherwise noted
2. Provide labor, materials, and equipment to install LCC in new restroom building. Panel to be installed by others
3. Provide labor, materials, and equipment to bore new conduit to run from new restroom building to T3 and T2 Poles
4. Provide labor, materials, and equipment to bore new conduit to run from new restroom building to the edge of basketball court
5. ***Adder to bore and install conduits to run from new restroom building to the edge of basketball courts for future softball lighting.**
6. Saw, Cut, and trench basketball court to run from esge of court to the two pole locations.
7. Complete electrical installation per Musco Control System Summary and Musco Best Practices: Supply Wiring Installation document. If there are any discrepancies between Musco documents and electrical plans (if present), notify your Musco contact.
8. Complete required insulation resistance (Megger) tests on all current-carrying conductors per ANSI/NETA ATS-2021. Use the instructions and forms provided by Musco to provide test results to your Musco contact. Note conduits must be full of water prior to testing. Any conductors with resistance values less than (<) 100MOhms — phase to ground — must be repaired or replaced to meet the standard.
9. Underground splices are strongly discouraged. If underground splicing is required per the electrical plans, use only listed connector systems, rated for wet locations.
10. Provide as-built drawings upon completion of installation (if required).

Control-Link® Control and Monitoring:

1. Provide labor, equipment, and materials to install 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. Check all zones to make sure they work in both auto and manual mode.

Commission Control-Link by contacting Control-Link Central™ at 877-347-3319