

Quote

Date: July 23, 2024

Project: New Fairfield High School Stadium
New Fairfield, CT

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: Sourcewell purchase – contract number: 041123-MSL

Quotation Price – Materials Delivered to Job Site and Installation

Stadium Field @ 360' x 195'- \$414,637.00

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

Guaranteed Lighting Performance

- Guaranteed light levels and uniformity

System Description

- Factory aimed and assembled luminaries.
- 4 Galvanized steel poles
- 4 Pre-cast concrete bases with integrated lightning grounding
- Pole length factory assembled wire harnesses
- Factory wired and tested remote electrical component enclosures

Control Systems and Services

- Lighting contactor cabinet to provide onsite 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

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

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/luminaire locations.

Notes

Quote is based on following conditions:

- Structural code and wind speed = 2021 IBC, 130 mi/h, Exposure C, Importance Factor 1.
- Standard soil conditions – rock, bottomless, wet, or unsuitable soil may require additional engineering, special installation methods and additional cost.
- Based on Musco lighting design #189981C • 17-Nov-23



Installation Scope of Work

Customer Responsibilities:

1. Complete access to 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. 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.
4. Pay any power company fees and requirements
5. Waive, or pay, all permitting fees for required electrical permitting
6. Provide area on site for disposal of spoils from foundation excavation
7. Provide and install any silt fencing required
8. Asphalt patching
9. Special inspections
10. Provide sealed Electrical Plans. (If required)

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

1. Obtain any required electrical permitting, pay state education fee
2. Contact CBYD for locating underground public utilities and confirm they have been 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 off load equipment at jobsite
5. Provide storage containers for material, 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.

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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 lighting system
10. Installation to commence upon delivery and proceed without interruption until complete

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 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 (4) LSS Poles and aim the alignment beam.

Electrical:

1. Trench and Backfill, as needed – utilizing existing feeders
2. Supply and Install conduit to poles, as needed – using existing feeders

Control-Link Control and Monitoring:

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 for 120 V control circuit.
3. Check all zones to make sure they work in both auto and manual mode.
4. Commission Control-Link® by contacting Control-Link Central™ at 877-347-3319.

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

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