

## Quote

**Romeoville Tennis Courts at Village Park  
Romeoville, Illinois  
August 6, 2018**

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

***Tennis Courts – 30 Footcandles ..... \$ 144,000.00***

*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***

**System Description**

- (6) Pre-cast concrete bases
- (6) Galvanized steel poles
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- (16) Factory aimed and assembled luminaries
- UL Listed as a complete system

**Control Systems and Services**

- Control-Link® system with contactors for remote on/off 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
- 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***

**Customer Responsibilities:**

1. Complete access to the site for construction using standard two- wheel drive rubber tire equipment.
2. Locate existing underground utilities not covered by "One Call" and mark all 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.
4. **Pay for 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.**
5. Owner responsible for any power company fees and requirements. **(If necessary).**
6. Owner responsible for all permitting fees (payment). Contractor will obtain the required permitting.
7. Provide area on site for disposal of spoils from foundation excavation.
8. Site restoration.
9. Disposal of existing lighting system. Musco subcontractor will take down poles and lay on site.
10. Removal of existing pole bases.
11. Provide sealed Electrical Plans. (If required)



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### **Musco Responsibilities:**

1. Provide required poles, fixtures, and foundations.
2. Provide layout of pole locations and aiming diagram.
3. Provide Project Management as required.
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.
2. Provide storage containers for material, (including electrical components enclosures), as necessary 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. Provide materials and equipment to upgrade electrical service panels as required or necessary.
  - Re-use existing meter and CT
  - Install new 100 amp panel
6. Provide materials and equipment to install all underground conduit, wiring, pull boxes etc. and terminate wiring as required per electrical design.
  - Re-use existing wiring as much as possible
  - Add 8 pull boxes to tie the existing system into the new system
7. 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.
8. Take down existing poles and lay on site for disposal by others.
  - Base removal by others
9. Provide materials and equipment to install (6) Light Structure® System foundations as specified on Layout.
10. Spoils to be left onsite.
11. Site restoration by others.
12. Provide materials and equipment to assemble (16) TLC-LED fixtures and terminate all necessary wiring.
13. Provide equipment and materials to assemble and erect (6) Light Structure® System Poles.
14. Provide equipment and materials to install Lighting Contactor Cabinet and terminate all necessary wiring.
15. Provide step down transformer for 120v control circuit if not available.
16. Contractor will commission Control- Link® by contacting Control- Link Central™ Service Center at (877-347-3319).
17. Check all Zones to make sure they work in both auto and manual mode.
18. Set base line for the DAS (Diagnostic Acquisition System)
19. 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.
20. Provide startup and aiming as required to provide complete and operating sports lighting system.
21. Provide as built drawings on completion of installation.

### **Payment Terms**

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Musco's Credit Department will provide payment terms.

### **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.





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### Notes

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Quote is based on:

- Shipment of entire project together to one location.
- Structural code and wind speed = 2012 IBC, 115MPH, 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.

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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