

RESOLUTION NO. 2023-

A RESOLUTION OF THE VILLAGE OF PINECREST, FLORIDA, AUTHORIZING THE VILLAGE MANAGER TO ENTER INTO A CONTRACT WITH MUSCO SPORTS LIGHTING, LLC, FOR LED LIGHTING FOR SUNILAND PARK ATHLETIC FIELDS; PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Clay County, Florida, conducted a competitive bidding process for the procurement of Various Equipment and Amenities for Parks and Playgrounds, and awarded a bid to MUSCO Sports Lighting, LLC; and

WHEREAS, pursuant to Section 2-287 of the Code of Ordinances, the Village Manager is authorized to execute contracts, as entered into by other governmental authorities, provided that the governmental authority has followed a competitive bidding procedure leading to the award of the bid or contract in question; and

WHEREAS, the Village Manager wishes to enter into a contract with MUSCO Sports Lighting, LLC for Suniland Park Athletic Field Lighting;

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF PINECREST, FLORIDA, AS FOLLOWS:

Section 1. That the Village Council hereby authorizes the Village Manager, pursuant to Section 2-287 of the Code of Ordinances, to “piggyback” on an existing contract between Clay County, Florida and MUSCO Sports Lighting, LLC (RFP No. 18/19-2), and enter into an agreement with MUSCO Sports Lighting, LLC; for Suniland Park Athletic Field Lighting.

Section 2. This resolution shall take effect immediately upon adoption.

PASSED AND ADOPTED this 13th day of June, 2023.

Joseph M. Corradino, Mayor

Attest:

Priscilla Torres, CMC
Village Clerk

Approved as to Form and Legal Sufficiency:

Mitchell Bierman
Village Attorney



Robert C. Mattes, CPRE
Parks and Recreation Director
parks@pinecrest-fl.gov

MEMORANDUM

Department of Parks and Recreation

DATE: May 30, 2023
TO: Yocelyn Galiano, ICMA-CM, Village Manager
FROM: Robert C. Mattes, CPRE, CPSI, Parks and Recreation Director
RE: LED Lighting for Suniland Park Athletic Fields

MUSCO Lighting has provided a proposal of \$332,500 to complete the conversion of the athletic field lights at Suniland Park to LED lights. Funding for this project was budgeted as part of the most recent bond issuance. The proposed pricing was competitively bid and renewed through a contract with Clay County, Florida. MUSCO is the current lighting provider for Suniland Park.

The Parks and Recreation Department recommends that the Village accept the proposal from MUSCO Lighting and convert the remaining athletic field lights to LED lights. With this action, Suniland Park's lighting, including the main building, parking lot, walking paths, and athletic fields, will have been converted to more energy-efficient LED lighting.



Quote

Date: April 27, 2023
 To: Rob Mattes

Suniland Park
 Pinecrest, Florida

Quotation Price – Materials Delivered to Job Site and Installation

➤ Baseball & Multipurpose Fields

..... **\$ 332,500.00** Includes Bonding

*Sales tax and permitting fees are not included.
 Pricing furnished is effective for 90 days unless otherwise noted and is considered confidential.*

Clay County Sports Lighting Contract RFP #18/19-2

Field Description	Quantity	Pricing Per Clay County	Extended Price
(Section I) Baseball Field – 200’ Radius– 50 / 30 Footcandles- SportsCluster	2	\$78,800.00	\$157,600.00
(Section I) Soccer Field – 360’ x 210’ – 30 Footcandles – 50’ Set Back	1	\$106,100.00	\$106,100.00
(Section III G) Installation of Fixtures on Existing Poles	12	\$6,000.00	\$72,000.00
(Section IV D 1) Lightning Protection	12	\$1,200.00	\$14,400.00
(Section IV E 1) Pole Grounding	12	\$900.00	\$10,800.00
(Section V D) Bonding	1	\$6,000.00	\$6,000.00
(Section V F) Project Management	1	\$6,000.00	\$6,000.00
Deduct / Design Parameters / Labor			\$40,400.00
Total			\$332,500.00



SportsCluster™ System with Total Light Control – TLC for LED® technology

Guaranteed Lighting Performance

- Guaranteed light levels per lighting design

System Description

- Factory wired poletop luminaire assemblies
- Factory aimed and assembled luminaires, including BallTracker™ luminaires
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- Mounting hardware for poletop luminaire assemblies and electrical components enclosures
- Disconnects
- UL Listed assemblies

Environmental Light Control

- Spill light minimized
- Off-site glare light minimized

Control Systems and Services

- Existing controls to be utilized

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 10 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 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 point, home plate, per Musco supplied layout.
4. Ensure usability of existing underground wiring.
5. Pay any necessary power company fees and requirements.
6. Pay all permitting fees.
7. Provide any existing as-built documents or drawings.

Musco Responsibilities:

1. Provide required fixtures, electrical enclosures, mounts, hardware, wire harnesses, and control cabinets.
2. Provide fixture layout and aiming diagram.
3. Provide Project Management as required.
4. 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 adequate security to protect Musco delivered products from theft, vandalism, or damage during the installation.
5. Confirm the existing underground utilities and irrigation systems have been located and are clearly marked to avoid damage from construction equipment. Repair any damage made during construction.
6. 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.
7. Provide startup and aiming as required to provide complete and operating sports lighting system.
8. Installation to commence upon delivery and proceed without interruption until complete. Musco to be immediately notified of any breaks in schedule or delays.



Demolition:

1. Remove and dispose of the existing lighting fixtures and electrical enclosures on existing poles. This will include the recycling of lamps, aluminum reflectors, ballast, and steel as necessary.
2. Leave existing power feed in place for connection to new lighting equipment.

Retrofit Musco Equipment to Existing Poles:

1. Provide labor, materials, and equipment to assemble and install Musco TLC for LED® equipment on existing poles and terminate power feed. Power feed may need to be reworked to adapt to the new Musco equipment.
2. Ensure grounding components meet minimum standards required by NEC and NFPA780.
3. For concrete poles provide new lightning down conductor(aluminum) and $\frac{5}{8}$ in copper ground rod. For poles 75 ft (22 m) or less use 1/0 AWG, poles over 75 ft (22 m) use 4/0 AWG conductor. Bond internal pole ground to new down conductor.
4. Down conductor shall be converted to copper wire for any underground runs and bonded to ground rod(s).
5. Ensure all Musco components are bonded to both equipment and lightning grounds. No upward sweeps allowed for lightning down conductor or bonding jumper(s). See installation instructions for further information.
6. Test ground resistance with 3-point megger and confirm 25 ohms or less for each pole. Install additional ground rods or create grounding grid until resistance of 25 ohms or less is achieved.

Electrical:

1. Provide materials, and equipment to reuse existing electrical service panels.
2. Provide materials, and equipment to reuse existing electrical wiring as permitted.

Control System:

1. Provide labor, equipment, and materials to connect lighting circuits to existing Musco controls.
2. Check all zones to make sure they work in both auto and manual mode.
3. Commission Control-Link® by contacting Control-Link Central™ at 877-347-3319.



Payment Terms

Net 30 days for materials and progressive payments for labor.

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.
- 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.
- Product assurance and warranty program is contingent upon site review and compatibility with Mosco's lighting system

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



Jason Frucht
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Musco Sports Lighting, LLC
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E-mail: jason.frucht@musco.com