



CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE 12/08/09

SUBJECT: Piggyback of Clay County Bid – Musco Lighting – Coraci Phase II

DEPARTMENT: Parks & Recreation

RECOMMENDED MOTION:

Approve the "piggyback" of Clay County Bid # 08/09-3 Various Equipment for Parks and Playgrounds for acquisition of Musco Lighting for Coraci Sports Park phase II.

SUMMARY:

Musco Lighting was installed at Coraci Sport Park Phase I. In keeping with the same lighting throughout for both standardization and aesthetic reasons, Musco Lighting is requested for the Phase II fields. Clay County has a bid # 08/09-3 for Various Equipment and Amenities for Parks and Playgrounds of which the lighting portion was awarded to Musco Lighting. Staff is requesting to "piggyback" this bid for the Phase II lighting. The quotation for these lights using this bid will cost \$169,000.00 without the electrical installation. Staff recommends Council approve this piggyback and award the lighting to Musco in the amount of \$169,000.00

Funding for this item is budgeted in 611-5100-572-6397 QPC 024

ATTACHMENTS: Ordinance Resolution Budget Resolution

Other Support Documents/Contracts Available for Review in Manager's Office

DEPARTMENT HEAD

Susan Lovallo, Parks Director

Date 11/23/09

FINANCE DEPARTMENT

Approved as to Budget Requirements

Date 11/23/09

CITY ATTORNEY

Approved as to Form and Legality

Date

CITY MANAGER

Approved Agenda Item For:

12/8/09

COUNCIL ACTION:

- Approved as Recommended
- Disapproved
- Tabled Indefinitely
- Continued to Date Certain
- Approved with Modification:



**Coraci Complex – Field #3
Port Orange, FL
Date: November 19, 2009
Pricing per Clay County Bid #08/09-3**

Quotation Price

Musco's Light Structure Green™ as described below and delivered to the job site \$169,000.00

Field Description	Quantity	Pricing Per Clay County	Extended Price
Baseball- 50/30	1	\$157,213.00	\$157,213.00
Section III- Pole installation	6	\$3,795.00	\$22,770.00
Deduct: Design Variables			-\$10,983.00
Total			\$169,000.00

Equipment Description

Light Structure Green™ System delivered to your site in Five Easy Pieces™

- Pre-cast concrete bases
- Galvanized steel poles
- UL Listed remote electrical component enclosures
- Pole length wire harness
- Factory-aimed and assembled luminaires

Also Includes:

- Energy savings of more than 50% over a standard lighting system
- 50% less spill and glare light than Musco's prior industry leading technology
- Musco Constant 25™ warranty and maintenance program that eliminates 100% of your maintenance costs for 25 years, including labor and materials
- Guaranteed constant light level of 50 footcandles infield, and 30 footcandles outfield for 25 years, +/- 10% per IESNA RP-06-01
- 1 group re-lamp at the end of the lamps' rated life, 5000 hours
- Control Link® Control & Monitoring System for flexible control and solid management of your lighting system
- Lighting Contactors sized for 480 Volt 3 phase
- Pole in the air installation per the attached scope of work

Sales tax is not included as part of this quote.

Pricing furnished is effective for 60 days unless otherwise noted and is considered confidential. Divulging technical or pricing information to competitive vendors will result in removal from the bid list.

Payment Terms

Net 30 days from invoice date

Late payment will be subject to service charges of 1 ½% per month (18% APR).

Musco will attempt to coordinate shipment so that delivery corresponds with the customer's payment schedule. It will be the responsibility of the wholesaler to ensure that Musco is aware of this delivery timeframe. We will expect payment within the terms described above unless there is a written statement from Musco's corporate headquarters stating the acceptance of different terms.

Delivery to the job site from the time of order, submittal approval, and confirmation of order details including voltage and phase, pole locations is approximately 30-45 days. 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
- Field size of 325' radius for (1) 90' base path fields
- 480 Volt, 3 Phase electrical system requirement
- Structural code and wind speed = 2007 FBC, 130 MPH.
- Confirmation of pole locations prior to production

Thank you for considering Musco for your sports-lighting needs. Please contact me with any questions.

Danny Sheldon
Musco Sports Lighting, LLC
Phone: 352-665-0578
E-mail: danny.sheldon@musco.com
Fax: 800-374-6402

Scope of Work

Owner/Electrical Contractor Responsibilities:

- 1) Total access to the site and pole locations for construction. Must be able to move from location to location on standard rubber tires – no towing required.
- 2) Survey in pole locations and aiming points (one per pole location) for sighting in lighting cross – arms. Final grade elevations will also need marked if necessary.
- 3) Removal of any trees, limbs, shrubs, etc. for total access to pole locations.
- 4) Removal, replacement, and repair of all fencing necessary for construction.
- 5) Repair and replacement of any field turf, asphalt, curbs, and concrete damage.
- 6) Locate and mark existing irrigation systems prior to excavation.
- 7) Damages to grounding system requiring repair.
- 8) Pay for all permitting costs.
- 9) Provide soil boring report as required.
- 10) Extra costs associated with foundation excavation and construction in non-standard soils (rock, caliche, high water table, collapsing holes, alluvial soils, etc.). Standard soils are defined as Class 5 soils in Table 1804.2 in the 2007 edition of the Florida Building Code and can be excavated using standard earth auguring equipment.
- 11) Provide a source of water such as a fire hydrant or 2" water line for foundation excavation.
- 12) Installation of Musco supplied Lighting Contactor Cabinet(s).
- 13) Customer's Contractor will commission Control Link by contacting Control Link Central at (877-347-3319) and going through the following steps:

- a. Check all Zones to make sure they work in both auto and manual mode.
- b. 1 hour comprehensive burn of all lights on each zone.
- c. Set base line for the DAS (Data Acquisition System).

14) Electrical design and installation.

Musco Responsibilities:

- 1) Provide required poles, fixtures, foundations, and associated designs.
- 2) Provide structural design for poles and foundations, certified by a professional engineer licensed in the State of Florida.
- 3) Provide layout of pole locations and aiming diagram.
- 4) Provide light test upon owner supplied electrical system.
- 5) Provide Project Management assistance as needed.

Musco Subcontractor Responsibilities:

- 1) Provide equipment and materials to off load equipment at jobsite per scheduled delivery.
- 2) Off load Musco supplied Lighting Contactor Cabinet. Inform Musco and/or Owner/Installer of its location on day of scheduled delivery.
- 3) Provide dumpsters for cardboard waste and packing debris.
- 4) Provide storage containers for material as necessary.
- 5) Provide adequate security to protect Musco delivered products from theft, vandalism or damage during the installation.
- 6) Obtain required permits, owner to pay cost of permits.
- 7) Make appropriate contact to ensure utility locates have been done prior to excavation. Repair any such damage to existing utilities during construction.
- 8) Remove augured spoils to owner-designated location at jobsite.
- 9) Provide materials and equipment to install (6) Light Structure System foundations as specified on Layout.
- 10) Provide and install ground rods (one per pole location) for lightning protection per NFPA 780 Code. Poles 70' and below require a #2 ground wire. Poles 80' and above require 2/0 ground wire. Ground rods to be 3/4"x10' or 5/8"x8' with a 10' embedment. Ground rods must be installed in soil, not in the concrete backfill. This will be done once poles are erected in order to comply with Musco warranty.
- 11) Provide materials and equipment to assemble and install Light Structure Green™ fixtures and terminate all necessary wiring.
- 12) Provide equipment and materials to assemble and erect (6) Light Structure System Poles.
- 13) Verify aiming points have been located and are correct before sighting in lighting cross-arms.
- 14) Keep all heavy equipment off of playing fields and surfaces when possible using due care to minimize damages.
- 15) Provide startup if necessary and aiming as required to provide complete and operating sports lighting system.