



# CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE APRIL 27, 2010

**SUBJECT:** "Piggyback" Clay County Bid #08/09-3 with Musco Lighting for lights at Coraci Park Field #4.

**DEPARTMENT:** Parks and Recreation

**RECOMMENDED MOTION:** To approve piggybacking Clay County Bid #08/09-3. with Musco Lighting for purchase and installation of lights for field #4 at Coraci Park in the amount of \$132,000.00.

**SUMMARY:** Clay County currently has a contract with Musco Lighting Bid #08/09-3 for lighting equipment. We wish to piggyback this contract for the purchase and installation of lights for field #4 at Coraci Park in the amount of \$132,000.00

Funding for this project will be from account 611-5100-572-6397, QPC 034

**ATTACHMENTS:**  Ordinance  Resolution  Budget Resolution

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

**DEPARTMENT HEAD** Susan L. Lovallo Signed *[Signature]* Date 4/13/10

**FINANCE DEPARTMENT** *[Signature]* Approved as to Budget Requirements Date

**CITY ATTORNEY** *[Signature]* Approved as to Form and Legality Date

**CITY MANAGER** *[Signature]* Approved Agenda Item For: 4/27/10

**COUNCIL ACTION:**  Approved as Recommended  Disapproved  Tabled Indefinitely  
 Continued to Date Certain  Approved with Modification:



**Coraci Complex Phase 3- Field #4  
Port Orange, FL  
Date: April 13, 2010  
To: Susan Lovallo, City of Port Orange  
Pricing Per Clay County Bid #08/09-3**

**Quotation Price**

Musco's Light Structure Green™ as described below and delivered to the job site \$132,000

**Equipment Description**

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

- 2-Pre-cast concrete bases
- 2-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

***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'x325'x325' for (1) 90' base path field
- 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  
PO Box 260  
2107 Stewart Road  
Muscatine, Iowa 52761  
Phone: 352-665-0578  
E-mail: danny.sheldon@musco.com  
Fax: 800-374-6402

### **Pole in the Air 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 field) 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 once pole installation is completed 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 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. This will include payment as necessary for water used.
- 12) Installation of Musco supplied Controls and Monitoring Cabinet.
- 13) Customer's Contractor will commission Control Link by contacting Control Link Central once the entire system is energized.
- 14) Electrical design and installation.
- 15) Additional pole grounding required or specified other than Musco's recommended pole grounding. This will include more than one ground rod per pole, longer ground rods, and different ground rod and wire sizing.

#### **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.
- 6) Provide review of electrical design as provided by Electrical Contractor or Electrical Engineer.

#### **Musco Subcontractor Responsibilities:**

- 1) Provide equipment and materials to off load equipment at jobsite per scheduled delivery.

- 2) Off load Musco supplied Controls and Monitoring 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 (2) Light Structure System foundations as specified on Layout.
- 10) Provide and install ground rods (one per pole location) for lightning protection per Musco warranty. 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"x10' 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. A total of (4) existing poles will require adding Light Structure Green equipment that was previously accommodated. This will included adding ballast enclosures, wire harnesses, cross-arms, and fixtures.
- 12) Provide equipment and materials to assemble and erect (2) 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.