

**Charlotte County Board Of County Commissioners
Agenda Item Summary**

Item Number: F- 17

1 DEPARTMENT MAKING REQUEST

Purchasing

2 MEETING DATE

7/22/2014 9:00:00 AM

3 REQUESTED MOTION/ACTION

Approve File #14-339, Carmalita Park Retrofit - Softball Field, for sports lighting, which is a piggyback off of the Clay County Contract RFP#13/14-8, with Musco Sports Lighting, LLC, located in Muscatine, Iowa, for the total amount of \$270,000.

4 AGENDA

Consent

5 IS THIS ITEM BUDGETED (IF APPLICABLE) - Yes

Budget Action

No action needed. Funding from the Capital Projects Fund approved in CIP Sports Lighting Replacement and New Construction the FY14 budget process.

Financial Impact Summary Statement

Funding for this expenditure comes from the Capital Projects Fund/Parks and Recreation -- Improvements other than Buildings.

Detailed Analysis Attached -

Budget Officer-

6 BACKGROUND (Why is this Action Necessary, and What Action will be accomplished)

This is a project for the supply and installation of sports lighting to meet current Charlotte County standards. The new lighting will include new electrical switchgear tied to Control Link, a remote monitoring and programming system. Musco Sports Lighting, LLC will supply and install all materials for the Carmalita Park Softball Field in the amount of \$270,000.

The scope of work includes replacement of old fixtures and related switchgear on 2 softball fields and 1 football field, plus installation of Control Link on 2 softball fields and 2 football fields.

These new fixtures will save up to 50% in energy consumption over a standard lighting system. In addition to energy savings, the SportsCluster Green system provides less neighborhood glare and a guaranteed light level for 10 years, including lamp replacements.

Clay County has a contract in place, which was competitively bid, and has allowed Charlotte County to "piggyback" onto the Contract, for the same prices, terms, and conditions. Attached is the quote from Musco Sports Lighting, LLC.

It is in the best interest of the County to approve the award of File #14-339, Carmalita Park Retrofit - Softball Field, with Musco Sports Lighting, LLC, for the total amount of \$270,000.

ATTACHMENTS:

Name:

Description:

Type:

[14339.pdf](#)

Quote

Backup
Material



**Carmalita Park Retrofit
Punta Gorda, Florida
Date: May 7, 2014
To: Caryn Huff, Charlotte County**

Quotation – Turnkey Installation and Materials

- Softball Fields #4 & #5 Lighting Upgrade w/ Control Link
- (1) Football Field Lighting Upgrade
- Control Link for (2) Football Field

Sportscluster Green™ & Light Structure Green™ as described below and delivered to the job site**\$270,000**

Equipment Description

Sportscluster Green™ System delivered to your site

- Factory aimed and assembled poletop luminaire assemblies
- 1500-watt metal halide fixtures
- UL Listed remote electrical component enclosures
- Mounting hardware for the pole top units and electrical component enclosures
- Pole length wire harness
- Disconnects

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 10™ product assurance & warranty program that eliminates 100% of your maintenance costs for 10 years, including labor and materials on Musco manufactured product. Musco's Constant 10 Warranty is contingent upon Musco's inspection and approval of existing structure and electrical wiring
- Guaranteed constant light level of 50 footcandles for Softball infield for 10 years
- Guaranteed constant light level of 30 footcandles for Softball outfield & Football Field for 10 years
- One (1) group re-lamp at the end of the lamps' rated life, 5000 hours, based on 425 hours
- Control Link® Control & Monitoring System for flexible control and management of your lighting system
- Lighting Contactors sized for voltage and phasing at site

Poles, sales tax, bonding, and permitting are not included as part of this budget estimate.

Field Description	Quantity	Unit Price	Extended Price
(Sect I) Softball Field – 300' Radius - SCG	2	\$82,000.00	\$164,000.00
(Sect I) Football Field 360'x 160' - SCG	1	\$75,000.00	\$75,000.00
(Sect II F) Additional Control Link Unit necessary due to additional electrical services	1	\$5,000.00	\$5,000.00
(Sect III E) Installation of Fixtures on Existing Poles	12	\$5,200.00	\$62,400.00
Deducts: Design Parameters			\$36,400.00
Total			\$270,000.00

Payment Terms & Delivery Timing

- Payment terms as agreed upon between Musco credit department and customer.
- 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

Estimate is based on:

- Shipment of entire project together to one location
- Field size of 300' x 300' x 300' for Softball Fields and 360' by 160' for the Football Field
- Musco's Constant 10 Warranty is contingent upon Musco's inspection and approval of existing structure and electrical wiring

Scope of work includes:

Owner Responsibilities:

- 1) Provide total access to the site and pole locations for construction. Equipment must be able to move from location to location on standard rubber tires – no towing required.
- 2) Remove any trees, limbs, shrubs, etc. for total access to pole locations.
- 3) Removal, replacement, and repair of all fencing necessary for construction.
- 4) Repair and/or replace any field turf, asphalt, curbs, and concrete inadvertently damaged during installation.
- 5) Locate and mark existing irrigation systems and underground utilities prior to the commencement of construction.
- 6) Pay for all permitting costs.
- 7) Provide existing electrical design and site plan as necessary.

Musco Responsibilities / Subcontractor Responsibilities:

- 1) Provide layout of pole locations, aiming diagram, and associated designs.
- 2) Provide pole inspection and survey of existing poles for height, size, and location.
- 3) Provide required Sportscluster Green™ equipment.
- 4) Provide Project Management and assistance as needed.
- 5) Provide light test under owner supplied lighting system.
- 6) Remove and dispose of existing lighting fixtures, pole top fitters, and electrical enclosures on existing poles. This will include the recycling of lamps, aluminum reflectors, ballast and steel as necessary.
- 7) Leave the existing grounding wires and power feed in place for reattachment to the new lighting equipment.
- 8) Provide adequate trash container for cardboard waste and packing debris.
- 9) Provide storage containers for material as necessary.
- 10) Provide adequate security to protect Musco delivered products from theft, vandalism or damage during the installation.
- 11) Provide equipment and materials to off load equipment at jobsite per scheduled delivery.
- 12) Obtain required permits, owner to pay all costs. Subcontractor to advise Musco of costs to subcontractor, if any, before proceeding with permitting.
- 13) Provide electrical design if required.
- 14) Provide materials and equipment to upgrade existing electrical service panels as required or necessary at service locations.

15) Ground the new product on poles per NFPA 780 and NEC code. This will include grounding of the electrical enclosures and remote light fixture cross arms. Existing lightning protection to be verified and repaired as needed to comply with Musco warranty.

12) Install Musco electrical enclosures and fixtures on existing poles and terminate power feed. Power feed may need to be reworked to adapt to the new Musco lighting equipment.

13) Provide materials and equipment to wire and terminate ballast to Sportscluster Green™ fixtures.

14) Provide materials and equipment to install the Musco supplied Lighting Contactor Cabinet(s) and terminate wiring as necessary. Installation of Musco supplied surge protection is also required.

Subcontractor to commission Control Link once the entire system is energized.

15) Keep all heavy equipment off of playing fields and surfaces whenever possible. Use due care to minimize damages when playing surface access is required.

16) Jobsite to be returned to condition existing prior to construction of lighting system.

17) Locate existing underground utilities and irrigation system so as to avoid damage from construction equipment. Repair any such items damaged during construction.

18) Conduct system startup and additional aiming as required to provide a complete and operating sports lighting system.

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



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