



## **Staff Report**

**Date:** May 24, 2016

**To:** City Council

**From:** Valerie J. Barone, City Manager

**Reviewed by:** Victoria Walker, Director of Community and Economic Development

**Prepared by:** Bernard D. Enrile, Associate Civil Engineer  
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**Subject:** **Award of contract to Musco Sports Lighting, LLC of Muscatine, Iowa, in the amount of \$462,871 for the supply of materials, delivery, installation of field lighting, and related work for the Willow Pass Park Field Lights Replacement Project (Project No. 2347); and approve a related budget transfer in the amount of \$60,000 to fully fund the project. (Measure Q Funds)**

**The project involves replacement and alteration of deteriorated lighting at Willow Pass Park, and is categorically exempt from CEQA per CEQA Guidelines Section 15301 – Existing Facilities.**

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### **Report in Brief**

The Willow Pass Park Field Lights Replacement Capital Improvement Program (CIP) project (Project No. 2347) will replace baseball field lighting on Fields 2, 3, and 4 at Willow Pass Park with new light fixtures and automated technology. Musco Sports Lighting, LLC (Musco) submitted a proposal to supply materials, deliver, and install a SportsCluster Green™ System, replacing the existing lighting in all three fields. The proposal includes replacement of existing buried wires with wires in conduits on Field 3, and other related items of work. To fully fund the project an additional \$60,000 must be added to the project budget. Adequate funds for this transfer are available from the Measure Q Capital Investment Holding Account (Fund 401).

### **Recommended Action**

Staff recommends that the City Council

- a) find the project categorically exempt from the CEQA per CEQA Guidelines Section 15301 – Existing Facilities, and
- b) award a contract to Musco Sports Lighting, LLC in the not-to-exceed amount of \$462,871 to purchase and install the SportsCluster Green™ System for the Willow Pass Park Field Lights Replacement project (Project No. 2347); authorize the City Manager to sign the agreement; authorize staff to utilize the available project contingency for contract change orders up to 6.5% of the contract amount; and
- c) approve a related budget transfer in the amount of \$60,000 from Fund 401 to the project (Project No. 2347).

### **Background**

Willow Pass Park Field Lights Replacement project (Project No. 2347) was approved by the City Council with the adoption of the Fiscal Year 2015-2016 CIP Budget. The project is necessary because of deteriorating lighting fixtures on Fields 2, 3, and 4. Bundy Field (Field 1) had similar replacement lighting installed three years ago.

In 2013, the Willow Pass Park Athletics Lights project (Project No. 2200 completed several important replacement/repair projects at Willow Pass Park:

- Replacement of poles and light fixtures on Bundy Field (Field 1) with new Musco lighting and installation of a Musco control/monitoring system;
- Replacement of light fixtures at the tennis courts with new Musco Lighting, and installation of a Musco control/monitoring system;
- Replacement of deteriorated unprotected lighting system wiring for Field 2 with wiring in conduits.

As part of Project No. 2200, a contractor performed inspection and x-rayed all light poles at Willow Pass Park to identify any structural deterioration issues. The condition inspection determined that the light poles are structurally stable on Fields 2, 3, and 4.

However, the condition of the baseball field lighting fixtures and some associated electrical wiring serving the lights is no longer functional. The lighting fixtures in Fields 2, 3, and 4 were installed in the 1960's and early 1970's. The fixtures at the top of several of the poles (lights/ballasts) are substantially deteriorated. Electricians have been unable to replace the light bulbs or to repair the light fixtures on multiple poles because of rust and corrosion. In addition, existing wires in Field 3 are unprotected as they were directly buried into the soil, rather than placed in conduit. This is problematic as corrosive soils have dissolved the wire-sheathing that had protected the wires.

The proposed contract will replace ninety three (93) light fixtures at the top of the poles in Fields 2, 3, and 4 with Metal Halide luminaires, replace three (3) LED security lighting fixtures in Field 4, and install two new (2) lighting control systems. The directly buried wires in Field 3 will be replaced with wiring within conduits, similar to Field 2. The total cost for this contract will include both materials and installation of the SportsCluster Green™ System for all 3 fields, a 10 year parts, labor, and lamp replacement guarantee, as well as replacement of the directly buried wires with wiring in conduits in Field 3.

### **Analysis**

City staff determined that this project would be completed more efficiently with the use of a group purchasing agreement rather than the traditional design, bid, build process. The manufacturer of the proposed lighting system, Musco Sports Lighting, provides lighting products which are consistent and compatible with the other field lighting at the park.

The project schedule calls for construction to begin in mid-July and end in early September, 2016, in advance of the fall softball season.

### **Procurement Process**

Musco is a participant in the National Joint Powers Alliance. The National Joint Powers Alliance (NJPA) is a public agency service cooperative that serves over 50,000 members. The NJPA is a Municipal Contracting agency established to allow participating municipal agencies to reduce the cost of procurement by leveraging the benefits of large contract purchasing. The NJPA bundles a large number similar municipal projects from member agencies in all 50 states together, and nationally solicits competitive bid contracts. Through these solicitations, NJPA provides the opportunity for members to purchase equipment through nationally leveraged, competitively bid contracts. NJPA contracts offer a multitude of products, equipment, and services to government agencies and non-profit entities.

All NJPA bid contracts are competitively solicited nationally, reviewed and then awarded by the NJPA Board of Directors. NJPA contracts bring considerable value and efficiencies to members through nationally leveraged contracted suppliers and access to the highest quality products and brand. Each solicitation and RFP contains language which includes all qualified customers in all fifty states. The City of Concord is a member of NJPA and has used NJPA contracts in the past.

A NJPA quote for this equipment and its installation was prepared by Musco for the City on April 25, 2016. The price for a new SportsCluster Green™ System for Fields 2, 3, and 4, and conduit upgrades for Field 3 is \$462,871 (Attachment 2). This quoted price is good for 60 days and includes sales tax. Staff reviewed this proposal in comparison with similar installations for other cities and believes that the costs are reasonable for the work required.

**CEQA<sup>1</sup>**

The project involves replacement of/alteration to deteriorated lighting at a public facility, and is categorically exempt from the CEQA per CEQA Guidelines Section 15301 – Existing Facilities. A Notice of Exemption was filed with the County Clerk’s Office on May 3, 2016.

**Financial Impact**

The current project budget of \$500,000 is insufficient to fully fund the project. This project requires an additional allocation of \$60,000 to fully fund the project; with this transfer the total project budget will be \$560,000. There are sufficient funds available in the Measure Q Capital fund (Fund 401) to cover the budget transfer.

**Public Contact**

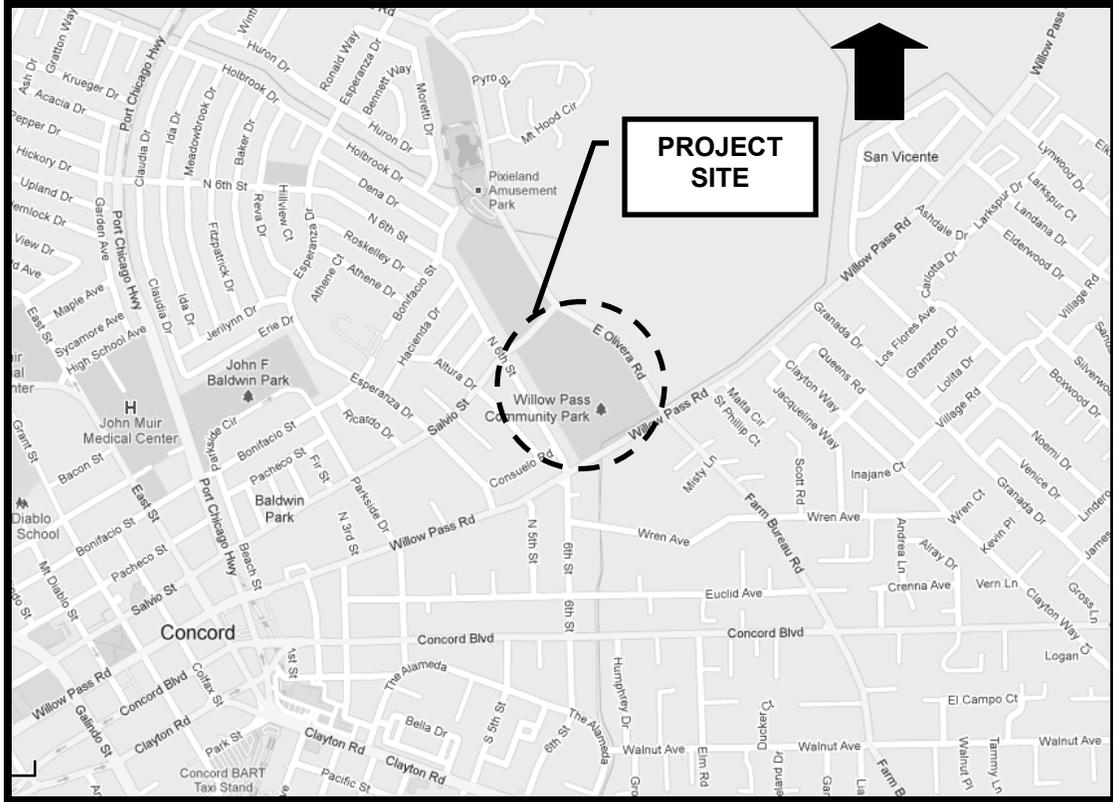
The City Council Agenda was posted.

**Attachments**

1. Location Map
2. Musco Sports Lighting – NJPA – PJ2347 Quote

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<sup>1</sup> California Environmental Quality Act of 1970, Public Resources Code § 21000, et seq. as amended (“CEQA”) and the CEQA Guidelines at Title 14, Chapter 3 of the California Code of Regulations as amended (“CEQA Guidelines”).



**LOCATION MAP**  
**PROJECT NO. 2347**  
**WILLOW PASS PARK FIELD LIGHTING**  
**NO SCALE**



**Willow Pass Park Phase 2  
Concord, California  
Date: April 25, 2016**

**NATIONAL JOINT POWERS ALLIANCE**

**Master Project: 170558**

**Contract Number: 082114-msl**

**Expiration: 09/16/2018 (Renewable annually)**

**Category: Facility & MRO**

**Sub-Category: Athletic Field / Court and Parking Lot Lighting Systems**

***Quotation Price – Materials and Installation***

Musco's SportsCluster Green™ as described below and delivered to the job site \$439,731.00.

Sales Tax:	<u>\$ 23,139.81</u>
<b>Total</b>	<b>\$462,870.81</b>

***Equipment Description***

SportsCluster Green™ System delivered to your site in Five Easy Pieces™

- Factory aimed poletop luminaire assemblies
- (93) 1500 watt metal halide luminaires
- (3) LED 24
- UL Listed remote electrical component enclosures
- Mounting hardware for the poletop assemblies 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. The Constant 10 Warranty is contingent upon site review for compatibility with Musco's lighting system.
- Guaranteed constant light level of 50 footcandles infield, 30 footcandles outfield for 10 years
- One group re-lamp at the end of the lamps' rated life, 5000 hours
- Reduced energy consumption with an average of 150 kW per hour
- Control Link® Control & Monitoring system for flexible control and solid management of your lighting system
- Lighting contactors sized for the voltage and phasing at the site

***Pricing furnished is effective for 60 days unless otherwise noted and is considered confidential.***

***Payment Terms to be determined between Musco Credit department and purchasing entity***

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Email or fax a copy of the Purchase Order to Musco Sports Lighting:

Musco Sports Lighting, LLC  
Att: Amber Schulte  
Fax: 800-374-6402  
Email: amber.schulte@musco.com

**All purchase orders and/or Musco PA's should note the following:**

**NJPA Purchase**

**Master Project # 170558**

**Contract #: 082114-MSL**

**Musco Project #164707**

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 4-6 weeks. 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**

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Quote is based on:

- Shipment of entire project together to one location
- Structural code and wind speed = 2013, CBC, 110 MPH Exposure C.
- Confirmation of pole locations prior to production

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

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Musco Sports Lighting, LLC  
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