



# *CITY COUNCIL AGENDA REPORT*

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MEETING DATE: MARCH 15, 2011

ITEM NUMBER:

**SUBJECT: PURCHASE OF SPORTS LIGHTING EQUIPMENT FOR DAVIS FIELD AT LIONS PARK**

**DATE: MARCH 3, 2011**

**FROM: PUBLIC SERVICES DEPARTMENT/ENGINEERING DIVISION**

**PRESENTATION BY: PETER NAGHAVI, DIRECTOR, DEPARTMENT OF PUBLIC SERVICES**

**FOR FURTHER INFORMATION CONTACT: ERNESTO MUÑOZ, CITY ENGINEER, (714) 754-5335**

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## **RECOMMENDATION:**

Authorize the sole source purchase of sports lighting equipment for the lighting of Davis Field at Lions Park from Musco Sports Lighting, 4 Jenner, Ste. 100, Irvine, CA 92618 for \$150,075.00.

## **BACKGROUND:**

Davis Field at Lions Park is currently used as a multipurpose facility that allows the City's Recreation Manager the flexibility to program different user groups, and utilize the site as a ball field or the outfield as a utility field. The City intends to continue using the site in the same fashion to satisfy the demand for games and practice fields throughout the year.

The facility is well maintained, but the flood lighting and controls have reached the end of their useful life and need to be replaced. A design contract was awarded to Design West Engineering to design a new lighting system that is more energy efficient, similar to the lighting systems that were installed at the TeWinkle Park Athletic Complex and the Farm Sports Complex. The proposed lighting system includes the latest lighting control equipments designed to not only program hours of operation, but are also equipped to control the light fixtures so that only those needed for a specific activity are activated. The new lighting system is designed to provide a higher quality of light on the fields while reducing the amount of spill light and glare projected onto adjacent properties. Staff anticipates the City will realize energy savings in the range of \$39,000 over a 25 year period resulting from this installation.

The construction documents for the installation of sports lights on Davis Field have been completed and a contract for the installation of the lights has been advertised with an anticipated bid opening date of April 4, 2011.

## **ANALYSIS:**

The Public Services Department has submitted a sole source request for the purchase of the sports lighting equipment for the following reasons:

- The electrical system and wiring was designed based on Musco Light Structure Green's low electrical power demands.
- Musco's Light Structure Green fixtures provide the required light levels on the field with fewer fixtures while at the same time reducing light spill and glare outside of the field (additional information is provided in attachment No. 1).

- Musco Light Structure Green equipment and controls are also being used at the TeWinkle Sports Complex, Farm Sports Complex, Volcom Skate Park and Bark Park.
- The approval of this purchase will expedite the procurement and delivery of the equipment; thus, allowing for its installation to occur within the “rest and renovation” period that follows the Costa Mesa Fish Fry and prior to the start of the fall season.
- The purchase of the equipment directly from the manufacturer saves 10% to 20% of the total cost that general contractors typically add to cover general conditions and profit.

Musco Lighting has submitted a quotation (Attachment 2) for the purchase of the specified lighting equipment and reflects an 11% discount from previous quotations.

The award of the contract for the installation of the lights will be processed independent of this purchase pursuant to the adopted purchasing procedures for public works contracts.

**ALTERNATIVES CONSIDERED:**

There are no alternatives that would result in lower costs or faster installation.

**FISCAL REVIEW:**

Funding for this purchase is available from prior year appropriations from the Costa Mesa Redevelopment Agency Capital Improvement Projects budget.

**LEGAL REVIEW:**

There is no legal review required for the proposed action.

**CONCLUSION:**

Staff recommends the City Council approve the sole source purchase of sports lighting equipment from Musco Lighting in the amount of \$150,075.00.

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**ERNESTO MUÑOZ**  
City Engineer

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**PETER NAGHAVI, DIRECTOR**  
Department of Public Services

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**COLLEEN O'DONOGHUE**  
Assistant Finance Director

- ATTACHMENTS:
1. [Justification for Sole Source Request](#)
  2. [Musco Lighting Quotation](#)

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