



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CP16-099**

1. Agenda Item Number:

19

2. Council Meeting Date:
November 19, 2015

TO: MAYOR & COUNCIL

3. Date Prepared: October 29, 2015

THROUGH: CITY MANAGER

4. Requesting Department: Building & Facilities

5. SUBJECT: Construction Contract to Spectra Electric Services Inc., for Desert Breeze Ballfield Lights Improvement.

6. RECOMMENDATION: Staff recommends City Council award a construction contract to Spectra Electric Services Inc., for Desert Breeze Ballfield Lights Improvement, Project No. BF1601.401, in an amount not to exceed \$236,800.

7. BACKGROUND/DISCUSSION:

Desert Breeze Park is located at 660 N. Desert Breeze Boulevard East. The park was opened in 1990 with the ballfield lights installed soon after in 1991. The ballfield lights currently provide sports field lighting to two (2) baseball/softball fields and one (1) multi-purpose field. Light technology has improved immensely since 1991. The new lights will reduce light spillage into the surrounding neighborhood while directing the light towards the playing surface.

The scope of work under this contract includes: removal and replacement of existing sports lighting fixtures on existing poles, as well as the removal and replacement of two existing poles and sports lighting fixtures. The project also includes removing the existing electrical panel and control equipment, extending the conduit and conductors to a new location, and the installation of a new electrical panel and control equipment.

The base bid of the project includes all the sports lighting poles, electrical panels, control equipment, conduit and conductors with an alternate to install energy efficient metal halide fixtures. Construction contract time for the project is 150 days following Notice to Proceed.

8. EVALUATION: Six (6) bids were opened on October 21, 2015. The bid results were as follows:

Contractor	Base Bid	Alternative 1	Alternative 2
Spectra Electrical Services Inc.	\$81,178.00	\$282,546.00	\$155,622.00
CS Construction, Inc.	\$79,690.00	\$303,000.00	\$170,000.00
Kimbrell Electric, Inc.	\$79,704.25	\$294,137.92	\$171,736.62
DNG Construction, LLC	\$87,502.63	\$295,962.09	\$171,679.71
Hawkeye Electric, Inc.	\$104,753.00	\$126,950.00	\$194,447.00
Red Mountain Lighting	\$109,667.00	\$272,822.00	\$259,079.00

Alternative 1: Complete sports lighting package with sports lighting controller and control equipment, LED sports lighting fixtures, mounting arms, driver enclosures and mounting hardware, and warranty.

Alternative 2: Complete sports lighting package with sports lighting controller and control equipment, 1500W metal halide sports lighting fixtures, mounting arms, ballast enclosures and mounting hardware, and warranty.

The Parks and Building and Facilities Divisions reviewed each alternate and determined that Alternate 2 was the best solution for this project. Alternative 1 would be using LED fixtures for primary lighting. LED fixtures for use in sports lighting is relatively new and was not cost effective. Alternative #2 will be utilizing metal halide fixtures with upgraded efficiencies in the lighting ballasts which showed a better return on investment.

The engineer's estimate for this project is \$275,000 for the Base Bid and Alternative 2. This contract includes the Base Bid and Alternative 2. The construction contract time is 120 calendar days for substantial completion and 150 days for final completion.

9. FINANCIAL IMPLICATIONS:

Cost: \$236,800.
 Savings: 0
 Long Term Costs: 0
 Fund Source:

<u>Account No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
401.3210.6211.6GG652	Gen Gov Cap Proj.	Park Lighting Imp	Yes	\$176,000
401.4580.6611.6PR530	Gen Gov Cap Proj.	Existing Comm Park Improv.	Yes	\$ 60,800

10. PROPOSED MOTION: Move City Council award a construction contract to Spectra Electric Services Inc., for Desert Breeze Ballfield Lights Improvement, Project No. BF1601.401, in an amount not to exceed \$236,800.

ATTACHMENTS: Location Map

APPROVALS

11. Requesting Department

KK

Kris Kircher, Facilities Maintenance Manager

13. Department Head

Marian Norris

Marian Norris, Assistant to the City Manager

12. Transportation & Development

Bob Fortier

Bob Fortier, Capital Projects Manager

14. City Manager

Marsha Reed

Marsha Reed, Acting City Manager

