CITY COUNCIL AGENDA REPORT

MEETING DATE: MAY 15, 2012 **ITEM NUMBER:**

SUBJECT: LIONS PARK (DAVIS FIELD) SPORTS LIGHTING PROJECT AT 570 WEST 18TH STREET, COSTA MESA, CITY PROJECT NO.11-09

DATE: MAY 3, 2012

FROM: PUBLIC SERVICES DEPARTMENT/ENGINEERING DIVISION

PRESENTATION BY: ERNESTO MUNOZ, PUBLIC SERVICES DIRECTOR

FOR FURTHER INFORMATION CONTACT: FARIBA FAZELI, INTERIM CITY ENGINEER, (714) 754-5335

RECOMMENDATION:

1. Accept the work performed by RMF Contracting, Inc., dba R&M Electrical Contracting, and authorize the City Clerk to file the Notice of Completion.

2. Release the Labor and Material Bond seven (7) months after the filing date; release the Faithful Performance Bond one (1) year after the filing date; and release the retention monies 35 days after the Notice of Completion filing date.

BACKGROUND:

On June 21, 2011, a construction contract in the amount of $309,066.25 was awarded to RMF Contracting, Inc., dba R&M Electrical Contracting, 26301 Dimension Drive, Lake Forest, California, 92630.

The work for this project consisted of the installation of energy-efficient sports field lighting and light poles, including upgrading the electrical system with a new transformer; removal and replacement of the existing fencing with new vinyl-coated fencing; installation of protective netting on the south and west side of the field; and repairing the landscaping and irrigation on the field.

Davis Field before construction

Davis Field after completion

ANALYSIS:

This project significantly improved the quality and appearance of this sports facility for the benefit of the users and the surrounding neighbors. In addition, the City will realize significant cost savings due to the installation of the new energy-efficient light fixtures and improvements to the electrical system. This system has the capability to activate lights on and off individually or in groups remotely via telephone or online. The energy and carbon footprint reduction over the useful life of the system is 1.2 million kWh and 873 metric tons of CO_2, respectively. Additionally, due to the installation of the expanded protective netting as part of the project, the City's liability associated with damages from stray balls will be significantly reduced.

The work required by the contract documents was completed on October 31, 2011, to the satisfaction of the City Engineer. The final contract cost was $330,360.44. A report of the final costs is included herein as Attachment "1". A summary of the costs is as follows:

Original Contract Cost:	$309,066.25
Change Orders and Final Quantity Adjustments:	$21,294.19
Final Contract Cost:	$330,360.44

Change Order No. 1 was processed to upgrade the size of the light poles behind home plate and connect the protective netting to the new structures. Change Order No. 2 included the addition of a mid-rail on the outfield fence. Change Order No. 3 involved the repair of underground utilities, replacement of the dugout posts and retaining curb, and final quantity adjustments to the base contract. The final contract price reflects a 6.9% increase to the original contract as a result of the aforementioned contract change orders and final quantity adjustments.

As of this date, there are no Stop Notices filed against the monies due to R&M Electrical Contracting.

ALTERNATIVES CONSIDERED:

There are no alternatives considered for this item.

FISCAL REVIEW:

This project was funded from Redevelopment Funds allocated in the Fiscal Year 2010-2011 budget.

LEGAL REVIEW:

There is no legal review required on this item.

CONCLUSION:

The Lions Park Sports Lighting Project has been completed. It is recommended that the City Council authorize staff to file the Notice of Completion; release the remaining retention monies 35 days after the Notice of Completion filing date; and release the bonds accordingly.

ERNESTO MUNOZ
Public Services Director

FARIBA FAZELI
Interim City Engineer

ATTACHMENT: "1" Cost Summary

DISTRIBUTION: Chief Executive Officer
Assistant CEO
City Attorney
City Clerk
Staff
File

ATTACHMENT 1

CITY OF COSTA MESA

FOR PAYMENT ON THE WARRANT LIST OF 5/4/12

3rd Payment to: R&M Electrical Contracting
26301 Dimension Dr., Lake Forest, CA 92630

PROJECT: Lions Park (Davis Field) Sports Lighting
City Project No. 11-09

DATE: 04/30/12

PAGE: 1 OF 2

PERIOD BEGINNING: 10/01/11

PERIOD ENDING: 10/31/11

ITEM NO	BID QUANTITY		FINAL QUANTITY		DESCRIPTION	UNIT PRICE	PREVIOUS QUANTITY	QUANTITY THIS ESTIMATE	TOTAL QUANTITY TO DATE	PREVIOUS AMOUNT	AMOUNT THIS EST	TOTAL TO DATE	CONTRACT PRICE
1	1	LS	1	LS	Install City-Furnished Sports Lighting	$27,911.00	100.0 %	0.0 %	100.0 %	$27,911.00	$0.00	$27,911.00	$27,911.00
2	1	LS	1	LS	Electrical Service, Switchgear, Underground Electrical and Security Lights	$84,000.00	100.0 %	0.0 %	100.0 %	$84,000.00	$0.00	$84,000.00	$84,000.00
3	0	LS	0	LS	~~Furnish and Install Baseball Netting, Including New Steel Poles~~	$28,090.00	0.0 %	0.0 %	0.0 %	$0.00	$0.00	$0.00	$0.00
4	665	LF	587	LF	15' Chain Link Fencing	$116.00	579.0 LF	8.0 LF	587.0 LF	$67,164.00	$928.00	$68,092.00	$68,092.00
5	475	LF	472	LF	8' Chain Link Fencing	$75.35	465.0 LF	7.0 LF	472.0 LF	$35,037.75	$527.45	$35,565.20	$35,565.20
6	2	EA	2	EA	15'x10' Chain Link Maintenance Gates	$2,752.00	2.0 EA	0.0 EA	2.0 EA	$5,504.00	$0.00	$5,504.00	$5,504.00
7	1	EA	1	EA	15'x8' Chain Link Maintenance Gate	$2,600.00	1.0 EA	0.0 EA	1.0 EA	$2,600.00	$0.00	$2,600.00	$2,600.00
8	2	EA	2	EA	4'x7' Chain Link Pedestrian Gates	$1,600.00	2.0 EA	0.0 EA	2.0 EA	$3,200.00	$0.00	$3,200.00	$3,200.00
9	1	LS	1	LS	Replace Chain Link Fence at Dugouts	$5,400.00	100.0 %	0.0 %	100.0 %	$5,400.00	$0.00	$5,400.00	$5,400.00
10	60	SF	60	SF	Concrete Sidewalk per CCM Std No. 412 (including CMB)	$22.00	60.0 SF	0.0 SF	60.0 SF	$1,320.00	$0.00	$1,320.00	$1,320.00
11	2	EA	2	EA	Replace Existing Foul Ball Poles	$3,650.00	2.0 EA	0.0 EA	2.0 EA	$7,300.00	$0.00	$7,300.00	$7,300.00
12	1	LS	1	LS	Landscape and Irrigation	$7,900.00	100.0 %	0.0 %	100.0 %	$7,900.00	$0.00	$7,900.00	$7,900.00
13	1	FA	0	FA	Force Account Work	$10,000.00	0.0 FA	0.0 FA	0.0 FA	$0.00	$0.00	$0.00	$0.00
3A	1	LS	1	LS	Furnish and Install Baseball Netting Including New Steel Poles (if added, BI # 3 will be deleted)	$41,000.00	100.0 %	0.0 %	100.0 %	$41,000.00	$0.00	$41,000.00	$41,000.00
CHANGE ORDERS:													
1			1	LS	Upgrade two steel poles to support netting	$22,563.54	100.0 %	0.0 %	100.0 %	$22,563.54	$0.00	$22,563.54	$22,563.54
			1	FA	Delete BI #13, Force Account Work								
2	1	LS	1	LS	Add midrail to 15"-H outfield fence	$4,382.70	0.0 %	100.0 %	100.0 %	$0.00	$4,382.70	$4,382.70	$4,382.70
3	1	LS	1	LS	Repair/relocate interfering utilities & widen mow curb	$13,622.00	0.0 %	100.0 %	100.0 %	$0.00	$13,622.00	$13,622.00	$13,622.00
					Final Quantity Adjustments - See Final Quantity column								
									TOTAL:	$310,900.29	$19,460.15	$330,360.44	$330,360.44