



CITY COUNCIL AGENDA REPORT

MEETING DATE: MAY 1, 2012

ITEM NUMBER:

SUBJECT: CCTV PHASE IV IMPROVEMENT PROJECT, CITY PROJECT NO.11-05

DATE: APRIL 19, 2012

FROM: PUBLIC SERVICES DEPARTMENT/ENGINEERING DIVISION

PRESENTATION BY: RAJA SETHURAMAN, ACTING DIRECTOR, PUBLIC SERVICES DEPARTMENT

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

RECOMMENDATION:

1. Accept the work performed by Crosstown Electrical & Data, Inc. 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 July 5, 2011, a construction contract in the amount of \$191,500 was awarded to Crosstown Electrical & Data, Inc. 5463 Diaz Street, Irwindale, California 91706.

The scope of work consisted of installation of four (4) CCTV cameras at the intersections of Bear Street/Metro Pointe, Fair Drive/Fairview Road, Fair Drive/SB Newport Boulevard, and Anton Boulevard/Experian Driveway; installation of communications conduit and fiber optic cable; and installation and integration of the CCTV server, video switch, and software in the City's Traffic Operations Center (TOC).



New CCTV Camera at Fair Dr/Newport Blvd SB



New CCTV Camera at Anton Blvd/Experian

ANALYSIS:

The work required by the contract documents was completed on February 29, 2012, to the satisfaction of the City Engineer. The final contract cost amounted to \$188,806.67. A report of the final costs is included herein as Attachment "1".

A summary of the costs is as follows:

Original Contract Cost:	\$191,500.00
Change Order and Final Quantity Adjustments:	(\$2,693.33)
Final Contract Cost	\$188,806.67

The final contract price reflects a 1.4% decrease to the original contract as a result of the final quantity adjustments. The results of this project provide improvements in traffic operations in the City at the intersections stated herein. In addition, City staff has improved its traffic monitoring capabilities by adding a CCTV camera at Fair Drive and Newport Boulevard/SR 55 to view SR 55 traffic; and at Bear Street and South Coast Plaza to view I-405 traffic conditions.

As of this date, there are no Stop Notices filed against the monies due to Crosstown Electrical & Data, Inc.

ALTERNATIVES CONSIDERED:

There were no alternatives considered for this item.

FISCAL REVIEW:

This project was funded from Measure M funds through the OCTA Combined Transportation Funding Program (CTFP) which were matched with Air Quality Management District (AQMD) funds.

LEGAL REVIEW:

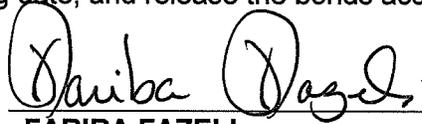
There is no legal review required on this item.

CONCLUSION:

The construction of CCTV infrastructure hardware and software upgrades and installation of CCTV cameras at various locations in the City of Costa Mesa 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.



RAJA SETHURAMAN, Acting Director
Public Services Department



FARIBA FAZELI
Interim City Engineer

ATTACHMENTS: "1" Cost Summary

DISTRIBUTION: Chief Executive Officer
City Attorney
City Clerk
Transportation Services Manager
File

CITY OF COSTA MESA

4/6/12

FOR PAYMENT ON THE WARRANT LIST OF

DATE: 04/05/12

3rd PAYMENT TO: CROSSTOWN ELECTRICAL & DATA, INC.
5463 DIAZ ST., IRVINDALE CA 91706

PAGE: 1 OF 1

PROJECT: CCTV PHASE IV PROJECT NO. 11-05

PERIOD BEGINNING: 01/31/12
PERIOD ENDING: 02/29/12

ITEM NO	BID 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 CCTV CAMERAS (HD)	\$33,100.00	100 %	0 %	100 %	\$33,100.00	\$0.00	\$33,100.00	\$33,100.00
2	1	LS CCTV CAMERAS CABLES	\$6,000.00	100 %	0 %	100 %	\$6,000.00	\$0.00	\$6,000.00	\$6,000.00
3	1	LS H.264 DECODERS	\$9,900.00	0 %	100 %	100 %	\$0.00	\$9,900.00	\$9,900.00	\$9,900.00
4	1	LS DESKTOP/LAPTOP COMPUTERS	\$7,800.00	0 %	0 %	0 %	\$0.00	\$0.00	\$0.00	\$7,800.00
5	1	LS VIDEO WALL EXPANSION	\$8,300.00	0 %	0 %	0 %	\$0.00	\$0.00	\$0.00	\$8,300.00
6	1	LS SMFO (SINGLE MODE FIBER OPTIC) CABLE	\$10,000.00	0 %	100 %	100 %	\$0.00	\$10,000.00	\$10,000.00	\$10,000.00
7	1	LS NETWORK HARDWARE	\$26,600.00	25 %	75 %	100 %	\$6,650.00	\$19,950.00	\$26,600.00	\$26,600.00
8	1	LS INTEGRATION & TESTING	\$24,800.00	0 %	100 %	100 %	\$0.00	\$24,800.00	\$24,800.00	\$24,800.00
9	1	LS TRAFFIC SIGNAL POLES, EQUIPMENT & FOUNDATIONS	\$64,100.00	100 %	0 %	100 %	\$64,100.00	\$0.00	\$64,100.00	\$64,100.00
10	1	EA PULL BOXES	\$900.00	7 EA	0 EA	7 EA	\$6,300.00	\$0.00	\$6,300.00	\$900.00
TOTAL:							\$116,150.00	\$64,650.00	\$180,800.00	\$191,500.00

CHANGE ORDERS

CCO1	1	LS CONDUIT REPAIR	\$5,560.00	100 %	0 %	100 %	\$5,560.00	\$0.00	\$5,560.00	
CCO1	1	LS FORCE ACCOUNT WORK ANTON/BRISTOL	\$1,262.10	0 %	100 %	100 %	\$0.00	\$1,262.10	\$1,262.10	
CCO1	1	LS FORCE ACCOUNT - REPAIR CONDUIT	\$1,257.15	0 %	100 %	100 %	\$0.00	\$1,257.15	\$1,257.15	
CCO1	1	LS FORCE ACCOUNT - FIBER TO TMC	\$1,481.83	0 %	100 %	100 %	\$0.00	\$1,481.83	\$1,481.83	
CCO1	1	LS DELETE NETWORK EQUIPMENT RACK (BID ITEM NO. 7)	(\$1,554.41)	0 %	100 %	100 %	\$0.00	(\$1,554.41)	-\$1,554.41	
CHANGE ORDER TOTAL:							\$5,560.00	\$2,446.67	\$8,006.67	

PROJECT TOTAL: \$121,710.00

\$67,096.67

\$188,806.67

\$191,500.00