



CITY COUNCIL AGENDA REPORT

MEETING DATE: JULY 5, 2011

ITEM NUMBER:

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

DATE: JUNE 23, 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

RECOMMENDATION:

1. Adopt plans, specifications, and working details for the Closed Circuit Television (CCTV) Phase IV Improvement Project, City Project No. 11-05.
2. Approve Budget Adjustment No. 12-002 (Attachment 1) in the amount of \$22,306.
3. Award a construction contract to Crosstown Electrical & Data, Inc., 5463 Diaz Street, Irwindale, California, 91706, in the amount of \$191,500.00.
4. Authorize the Mayor and the City Clerk to execute the Public Works Agreement.

BACKGROUND:

In 2008, the City of Costa Mesa applied for and received a Measure M grant to implement a Traffic Signal/CCTV Upgrade Project through the Combined Transportation Funding Program (CTFP) Signal Improvement Program. This project is the CCTV phase of the combined CTFP awarded project. The project intends to improve traffic operations in the vicinity of the City Hall/Orange County Fairgrounds and South Coast Plaza/Arts District. An added benefit to the project is the inclusion of a CCTV camera at Fair Drive and Newport Boulevard/SR-55 which can view the SR-55 traffic, and the inclusion of a CCTV camera at Bear Street and South Coast Plaza which can view the I-405 traffic conditions.

The Orange County Fairgrounds, Caltrans, South Coast Plaza, and the Arts District have all offered support for this project.

ANALYSIS:

The CCTV Phase IV Project will complete the CCTV infrastructure hardware and software upgrades for four locations within the City and will improve the City's traffic management capabilities. The project consists of the following work: 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).

The City Clerk received and opened three (3) bids for this project on May 16, 2011. Crosstown Electrical & Data, Inc. was the apparent low bidder with a base bid proposal of \$191,500.00. The

Engineer's estimate for this work was \$169,055.00; and the average of the three base bids received amounted to \$219,215.67. The apparent low bidder submitted a base bid proposal that was 13% higher than the Engineer's estimate presumably due to the unique nature of integrating closed circuit TV software with the City's traffic management computer and the lack of contractors that possess the necessary specialized skills and qualifications to perform this level of work. The Bid Abstract is included as Attachment 2.

The license and references of Crosstown Electrical & Data, Inc. were checked and staff has found them to be in good standing. Crosstown Electrical & Data, Inc. has previously completed the field integration of earlier CCTV installations with the City traffic management computer.

ALTERNATIVES CONSIDERED:

The alternative to this Council action would be to reject all the bids. If all the bids were rejected, the City would then need to readvertise or to cancel the project. Staff believes that readvertising the project will not result in lower bids. Furthermore, cancellation of the project will result in the loss of a portion of the awarded OCTA grant in the amount of \$104,124.49. Therefore, this alternative is not recommended.

FISCAL REVIEW:

Funding for this project was approved in the Fiscal Year 2009-2010 Capital Improvement Program (CIP) budget. OCTA awarded a total grant of \$250,000 which was matched by Air Quality Management District (AQMD) funds in the amount of \$65,070 for the combined Traffic Signal/CCTV Upgrade Project. The Traffic Signal Upgrade phase of the project was completed in October 2010. The remaining funding available for the CCTV Phase IV project is \$169,194. The attached Budget Adjustment No. 12-002 allocates \$22,306 from the AQMD available fund balance towards the remaining costs necessary (\$191,500) for the construction of the project.

LEGAL REVIEW:

Crosstown Electrical & Data, Inc. has furnished the necessary bonds and insurance, which have been approved as to form by the City Attorney's office. After the award and subsequent execution of the contract, a "Notice to Proceed" will be issued.

CONCLUSION:

The City has received bids for the CCTV Phase IV Improvement Project, City Project No. 11-05. Staff has evaluated all of the bids and recommends that the City Council adopt the plans, specifications, and working details for said project; approve Budget Adjustment No. 12-002 in the amount of \$22,306; award the contract to the apparent low bidder Crosstown Electrical & Data, Inc. in the amount of \$191,500.00; and authorize the Mayor and the City Clerk to execute the Public Works Agreement.

ERNESTO MUÑOZ
City Engineer

PETER NAGHAVI, Director
Department of Public Services

LARRY HURST
Interim Finance Director

ATTACHMENTS: "1" [Budget Adjustment No. 12-002](#)
 "2" [Bid Abstract](#)

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