

City of Culver City, California
Agenda Item Report

Meeting Date: 05/03/2010		Item Number: C-9	
CITY COUNCIL AGENDA ITEM: (1) Award Construction Contract to Corona Constructors, as the Lowest Responsive and Responsible Bidder, for the Construction of the Traffic Management Center (TMC) for the Fox Hills Area Traffic Signal Synchronization and Acquisition of a Traffic Control System Project, P-852; (2) Waiver of Formal Competitive Bidding Procedures for Purchase and Installation of TMC Electronic Equipment; and (3) Approval of an Amendment to the Existing Professional Services Agreement with Iteris, Inc. for the Purchase and Installation of TMC Electronic Equipment			
Contact Person/Dept.: Elaine Jeng/PW		Phone Number: 310-253-5621	
Fiscal Impact: Yes ☒ No ☐		General Fund: Yes ☐ No ☒	
Public Hearing: ☐		Action Item: ☒	Attachments: ☐
Commission Action Required: Yes ☐ No ☒		Date: _____	
Public Notification: Email Master Notification List (04/___/10); Corona Constructors and Iteris, Inc. (via telephone on 04/27/10)			
Department Approval: Charles D. Herbertson (04/22/10)		City Attorney Approval: Carol Schwab (by H. Baker) (04/27/10)	
Chief Financial Officer Approval: Jeff Muir (N. Kimball) (04/28/10)		City Manager Approval: P. Lamont Ewell (04/28/10)	

RECOMMENDATION:

Staff recommends the City Council: (1) award a construction contract to Corona Constructors, as the lowest responsive and responsible bidder, for the construction of Traffic Management Center (TMC) for the Fox Hills Area Traffic Signal Synchronization and Acquisition of a Traffic Control System Project, P-852; (2) waive the formal competitive bidding procedures for the purchase and installation of TMC electronic equipment and (3) approve an amendment to the existing professional services agreement with Iteris, Inc. (Iteris) for the purchase and installation of the TMC electronic equipment in an additional amount not-to-exceed \$35,000.

BACKGROUND:

Staff submitted the Fox Hills Area Traffic Signal Synchronization Project to the Los Angeles County Metropolitan Authority (Metro) 2001 Call for Projects program for funding. The application proposed multiple components of work comprised of upgrading twelve traffic signals within the Fox Hills area, switching existing traffic signal data transmission from copper wire interconnection to the City's existing fiber optic network, providing mutual video CCTV camera surveillance capability between Culver City and Los Angeles Department of Transportation (LADOT), certifying the City's existing traffic signal communication infrastructure and acquiring a citywide

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Traffic Control System (TCS). All components of the project are complete with the exception of the installation of the Citywide TCS.

In October 2009, the City Council approved an amendment to the professional services agreement in an additional amount not-to-exceed \$90,000 (increasing the aggregate contract amount to \$161,865) with Iteris, Inc. for them to continue to provide technical oversight of the TCS installation and expand services to include the preparation of architectural design and specifications for the construction of the traffic management center. On February 22, 2010, the City Council approved the final plans and specifications and authorized staff to advertise for construction bids.

DISCUSSION:

Construction of the TMC comprises renovating an existing office in City Hall to house the Traffic Control System. The office space is located in the Engineering Division.

Infrastructure

On April 2, 2010, the project was advertised for construction bids. The bidding period closed on April 22, 2010. A total of 2 bids were received and the results are summarized below.

	Contractor	Bid Amount
1	Corona Constructors	\$43,425
2	R. N. Griffin General Contracting	\$50,869

The apparent lowest responsive and responsible bidder is Corona Constructors. Staff reviewed their bid proposal and has determined that the bid documents are complete. The worker's compensation insurance and bonding information meet City requirements. Staff reviewed their references and found that they performed satisfactorily in other jurisdictions for similar work. Corona Constructors was the sub-contractor for the recently completed Firing Range project. Their work effort on the project was excellent.

Public Works Department and Building and Safety Division staff will serve as construction manager and inspectors for the project. The proposed project will commence in May 2010 and be completed by June 30, 2010.

Electronic Equipment

Staff toured the Cities of Westminster's and Fountain Valley's recently constructed TMC offices. Both cities recommended that the installation of electronic equipment be done by others rather than the office renovation contractor as the contractors' expertise lies with the building of the infrastructure and not in electronic installation or integration of electronic equipment with the City's existing traffic control system workstations. Both cities found that by hiring a system integrator following the

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completion of the infrastructure construction was the most efficient way to achieving an operational TMC. Additionally, the electronic equipment is recommended to be purchased by the integrator for a turn-key operation.

Iteris currently serves as the City's system manager and has expertise in electronic installation and integration. Based on the recommendation of other agencies, staff is requesting that the electronic equipment comprised of LCD monitors, equipment rack, video multiplexer, video input card and CCTV controller proposed for the TMC be purchased and installed/integrated by Iteris. Staff has communicated directly with vendors to identify appropriate hardware and software necessary to expand CCTV video input to the TMC and splitting the video to allow users to view traffic controller status and CCTV simultaneously. The equipment and installation costs total \$35,000.

In accordance with the provisions of Culver City Municipal Code Section 3.07.065.D, staff recommends that the formal competitive bidding procedures be waived for the purchase and installation of the TMC electronic equipment, as such equipment is a component for a system of equipment previously acquired by the City, and is necessary to repair, maintain or improve the City's utilization of the system.

FISCAL ANALYSIS:

The total project including components that have been completed has a budget of \$2,036,100. The local match is \$414,275. The total cost of this phase of the project, TMC construction and electronic equipment purchase and installation/integration is \$78,435.

Budget Source	Amount
Prop C – Discretionary (42300852)	\$876,000
Prop C – Discretionary (42300852)	\$607,000
Prop C – Transfer in to Gen Fund Capital (42300852)	\$138,825
Crown WaterRidge Mitigation Funds (55093504)(local match)	\$189,665
Gas Tax (41800852) (local match)	\$224,610
Total Sources:	\$2,036,100

Project components	Contract Amounts
Signal Design	\$154,500
Signal Upgrade	\$806,079
Mutual Video/Copper to Fiber	\$69,757
Server Room Design	\$10,000
Sever Room Construction	\$24,500
Configuration Management	\$124,140
Traffic Control System Installation	\$473,516
Communication Survey	\$100,000*

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TMC Design	\$50,000*
TMC Construction	\$43,425
Electronic Equipment Purchase	\$35,000
Total Uses	\$1,890,917

MOTIONS:

- 1) Award a construction contract to Corona Constructors, as the lowest responsive and responsible bidder, in the amount of \$43,425, for the construction of the Traffic Management Center P852;
- 2) Authorize the Public Works Director/City Engineer to approve change orders for unforeseen conditions associated with the construction contract in a not-to-exceed amount of \$6,500;
- 3) Approve an amendment to the existing professional services agreement with Iteris, Inc. to add Task 5, purchase, installation and integration of TMC equipment in an additional amount not-to-exceed fee of \$35,000 (for an aggregate amount not-to-exceed \$196,865);
- 4) Authorize the City Attorney to review/prepare the necessary documents; and
- 5) Authorize the City Manager to execute such documents on behalf of the City.