

**City of Culver City, California
Agenda Item Report**

Meeting Date: 02/22/2010		Item Number: <u>C-9</u>	
CITY COUNCIL AGENDA ITEM: Approval of Final Plans and Specifications and Authorization to Advertise Bids for the new Traffic Management Center Component of the Fox Hills Area Traffic Signal Synchronization and Acquisition of a Traffic Control System Project, P-852			
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: (E-Mail) Agenda and Meetings – City Council (02/17/10)			
Department Approval: Charles D. Herbertson (02/10/10)		City Attorney Approval: Carol Schwab (by H. Baker) (02/17/10)	
Chief Financial Officer Approval: Mark Scott (by N. Kimball) (02/17/10)		City Manager Approval: Mark Scott (02/17/10)	

RECOMMENDATION:

Staff recommends the City Council approve the final plans and specifications and authorize advertising bids for the new Traffic Management Center (TMC), P-852

BACKGROUND/ DISCUSSION:

The Los Angeles County Metropolitan Transportation Authority (Metro) Call for Projects program approved funding for multiple components of work comprising the upgrading of 12 traffic signals within the Fox Hills neighborhood, switching existing traffic signal data transmission from copper wire interconnection to the City's existing fiber optic network, providing mutual video Closed Circuit Television camera monitoring capability between Culver City and Los Angeles Department of Transportation, certifying the City's existing traffic signal communication infrastructure, and acquiring and installing a citywide Traffic Control System.

Pursuant to several contracts approved over the past several years by the City Council, all components of the project are now complete with the exception of the installation of the citywide traffic control system.

A necessary component of the new Traffic Control System is a traffic management center (TMC). Construction of the TMC comprises renovating an existing office in City Hall and purchasing equipment furnishings to house the Traffic Control System.

In October 2009, the City Council approved an amendment to the professional services agreement with Iteris, Inc. to continue to provide technical oversight of the Traffic Control System installation and expand services to include the preparation of

City of Culver City, California
Agenda Item Report

an architectural design and construction bid documents for a TMC. The TMC will be constructed in an available office space on the 2nd Floor of City Hall.

The purpose of the TMC is to provide a secured area in which the Traffic Control work stations in City Hall can reside on a permanent basis. Through a work station, an authorized staff member can monitor the traffic signals on a real time basis, schedule timing plan changes or generate reports on the status of the system. Accompanying the workstations will be a video wall composed of four – 46 inch LCD screens that can display any combination of real time video of street traffic and the graphic interface operation of the individual signalized intersections within the City's traffic signal network.

The final plans and specifications are available at the City Hall 2nd floor Engineering Division counter.

FISCAL ANALYSIS:

The total project including components that have been completed has a budget of \$2,036,100. The local match is \$414,275.

Sources:

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)	\$189,665
Gas Tax (41800852)	\$224,610
Total Sources:	\$2,036,100

Uses: Expenditure and Contract Commitment To Date

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*
TMC Design	\$50,000*
Total Uses:	\$1,812,492
TMC Construction	TBD

*Contract amount not expended amount

City of Culver City, California
Agenda Item Report

MOTIONS:

- 1) Approve the final plans and specifications for the new Traffic Management Center component of the Fox Hills Area Traffic Signal Synchronization Project, and Acquisition of a Traffic Control System Project, P-852 and;
- 2) Approve advertising for construction bids for the new Traffic Management Center component of the Fox Hills Area Traffic Signal Synchronization and Acquisition of a Traffic Control System Project, P-852 for bids.