

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

Meeting Date: 10/19/2009		Item Number: <u>C-6</u>	
CITY COUNCIL AGENDA ITEM: Approval of an Amendment to the Existing Professional Services Agreement with Iteris, Inc. for Configuration and Project Management Services for the Fox Hills Area Traffic Signal Synchronization Project, Acquisition of a Traffic Control System 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: Meetings and Agendas – City Council (10/14/09); Iteris, Inc. via email on October 6, 2009			
Department Approval: Charles D. Herbertson (10/01/09)		City Attorney Approval: Carol Schwab (by H. Baker) (10/09/09)	
Chief Financial Officer Approval: Jeff Muir (by N. Kimball) (10/14/09)		City Manager Approval: Mark Scott (10/14/09)	

RECOMMENDATION:

Staff recommends the City Council approve an amendment to the existing professional services agreement with Iteris, Inc. to extend the configuration and project management services for the Fox Hills Area Traffic Signal Synchronization Project, acquisition of a Traffic Control System (TCS), P-852

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 12 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 Traffic Control System.

On May 21, 2007, Council awarded a contract to Iteris, Inc. to provide configuration and project management services for the traffic control system component of the project.

DISCUSSION:

Traffic Control System Project Oversight:

City of Culver City, California
Agenda Item Report

In December 2008 Kimley-Horn Associates (KHA) was selected to install and integrate their commercial off-the-shelf traffic control system, KITS. Iteris, who was already working for the City to assist with the procurement of traffic control system, had an existing contract that also provided for technical oversight of the traffic control system installation by KHA and management support to the City. The traffic control system installation was anticipated to be completed by June 30, 2009. However, because the traffic controller firmware needed to be developed to integrate a new citywide Bus Priority protocol, coupled with reconciliation of the communication between KITS and the local traffic signal controllers (data transmission/response time parameters), full operation of the traffic control system is presently delayed by approximately 8 months. Metro approved a project extension of one year to June 30, 2010.

As of September 2009, Iteris exhausted the available monies in their existing contract. To continue their technical oversight and management services, Iteris' contract needs to be extended. Using Iteris' initial cost proposal as a benchmark, staff is recommending increasing the technical oversight and management services by \$40,000.

Traffic Control Center design:

The Fox Hills Area Traffic Signal Synchronization project has many components of work that needed to be sequentially completed. With this constraint, it was difficult to plan for the latter work components as they are dependent upon the available budget remaining from the initial components. The Traffic Control Center is one such component. With the project in its entirety nearing completion, staff has a more precise assessment of the current project budget and found it to be sufficient to support the additional work associated with construction of a Traffic Control Center in City Hall.

Therefore, staff recommends that Iteris' scope of work be expanded to provide for design and project management of the housing of the Traffic Control Center. The Traffic Control Center is to be hosted in available office space on the 2nd Floor of City Hall. Under this expanded scope, Iteris will provide the architectural design, the preparation of a construction bid package to include room modifications, and procurement of equipment and system integration upon completion of construction. Based on Iteris' space analysis, staff is recommending an allocation of \$50,000 to Iteris' for this effort.

It is anticipated that Iteris will be completing the architectural design and construction bid package by January 2010. At that time the City Council will be asked to approve the bid package and authorize the advertisement of bids for construction of the Traffic Control Center.

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

FISCAL ANALYSIS:

The total project budget is \$2,036,100 (including grant and matching funds). The local match, comprised of developer mitigation funds and Gas Tax funds, is \$414,275.

Funding Sources:

Prop C – Discretionary (42300852)	\$876,000
Prop C – Discretionary (42300852)	\$607,000
Prop C – Transfer in to Gen Fund Capital (42000852)	\$138,825
Crown WaterRidge Mitigation Funds (55093504)	\$189,665
Gas Tax (41800852)	\$224,610
Total Funding	\$2,036,100

Expenditure and Contract Commitment To Date

Signal Design	\$154,500
Signal Upgrade	\$806,079
Mutual Video/Copper to Fiber	\$69,758
Server Room Design	\$10,000
Server Room Construction	\$24,500
Configuration Management	\$84,140
Traffic Control System Installation	\$473,516*
Communication Survey	\$100,000*
Proposed Contract Increase w/ Contingency	\$99,000
Total Expenditures and Commitments	\$1,821,493

*Contract amount, not expended amount

ATTACHMENTS:

1. Iteris Space Analysis

MOTION:

- 1) Approve an amendment to the existing professional services agreement with Iteris, Inc. to increase Task 2 by \$40,000; and,
- 2) Approve an amendment to the existing professional services agreement with Iteris, Inc. to add Task 4, design of housing for the traffic control system, with a not-to-exceed fee of \$50,000; and,

City of Culver City, California
Agenda Item Report

- 3) Authorize the City Manager to approve change orders in the amount not-to-exceed \$9,000, if necessary; and.
- 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