

City of Culver City, California
City Council Agenda Item Report

Meeting Date: 03/09/2009		Item Number: <u>C-7</u>	
AGENDA ITEM: Acceptance of the Work Performed by KDC, Inc. (dba Dynalectric) and Authorization to File a Notice of Completion for the Mutual Video Surveillance and Copper to Fiber Transmission Components of Work for the Fox Hills Area Traffic Synchronization Project, P-852			
Contact Person/Dept.: Elaine Jeng/PW, Max Paetzold/PW		Phone Number: 310-253-5621, 310-253-5613	
Fiscal Impact: Yes ☒ No ☐		General Fund: Yes ☐ No ☒	
Public Hearing: ☐		Action Item: ☒ Attachments: ☐	
Public Notification: KDC, Inc. March 2, 2009; Master E-Mail Notification List (03/04/09)			
Department Approval: Charles D. Herbertson (02/26/09)		City Attorney Approval: Carol Schwab (by H. Baker) (03/02/09)	
Chief Financial Officer Approval: Jeff Muir (by N. Kimball) (03/03/09)		City Manager Approval: Jerry B. Fulwood (03/04/09)	
<u>RECOMMENDATION:</u> Staff recommends the City Council accept the work performed by KDC, Inc. (dba Dynalectric) and authorize filing the Notice of Completion for the Mutual Video Surveillance and Copper to Fiber Transmission components of work for the Fox Hills Area Traffic Synchronization Project, P-852. <u>BACKGROUND:</u> 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. In November 2007, the City Council awarded a contract to Dynalectric in the amount of \$71,865 for the Mutual Video Surveillance and Copper to Fiber Transmission components of the project. The project included the following components of work: • Provide mutual video surveillance, including camera control between the Culver City and LADOT			

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- Switch the current signal data transmission from copper wires to fiber optic lines to LADOT.

DISCUSSION:

The first component of work included the purchase, installation and integration of appropriate equipment to allow both jurisdictions the ability to view and control closed circuit televisions (CCTV). LADOT is able to view and control all of Culver City's 16 cameras. Culver City is now able to view and control 10 of LADOT's cameras. The intent of the mutual video surveillance is to enhance traffic flow monitoring crossing jurisdictional lines. Thus the 10 LADOT cameras selected for sharing are all located along the boundary between Culver City and Los Angeles. They are located as follows:

1. Robertson & Venice
2. La Cienega & Venice
3. La Cienega & Jefferson
4. La Cienega & Rodeo
5. National & Jefferson
6. Sepulveda & Howard Hughes
7. Jefferson & Mesmer
8. Washington & Lincoln
9. Sepulveda & Venice
10. La Tijera & La Cienega

The second component of work was to switch the transmission of traffic signal data from copper wires to fiber optic lines to provide additional capacity for future City signal expansion. This effort required the purchase and installation of appropriate equipment.

The equipment purchase and installation of the second component was designed based on the communication configuration between LADOT and Culver City. While coordinating with LADOT staff in August 2008 to complete the switch from copper wires to fiber optic lines, Culver City was informed that LADOT decided to change the configuration of the communication rendering the City's design of this effort obsolete. Simultaneously, another component of the Fox Hills Area Traffic Signal Synchronization Project, the acquisition of a Traffic Control System (TCS) was in progress. This component of work led to the selection of Kimley-Horn Associate's KITS traffic control system. The selection to implement the KITS system removes the City from participating on the LADOT ATSAC system making the signal data transmission component unnecessary.

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Dynalectric was instructed not to complete the installation of the second component of work and it was agreed that the City will pay for the equipment purchased (both already installed and uninstalled) and services rendered up to the time at which the effort was abandoned.

The project was completed on February 13, 2009, with a final contract amount of \$69,757.56. Both components of this project require extensive coordination with LADOT. The contract time was extended to account for the time required to coordinate with LADOT.

FISCAL ANALYSIS:

The overall Fox Hills Area Traffic Signal Synchronization Project (P-852) has a total budget of \$2,036,100 including a local match of \$414,275. There are sufficient funds in the adopted 2008/09 Capital Improvement Budget to pay for the above outlined components of work and the retention amount due to Dynalectric.

MOTIONS:

That the City Council:

- 1) Accept the work performed by KDC Inc. dba Dynalectric for the Fox Hills Traffic Signal Synchronization, Mutual Video Surveillance and Copper to Fiber Transmission Components of work; and,
- 2) Authorize the Public Works Director/City Engineer to execute and submit the Notice of Completion to the Los Angeles County Recorder's Office for recordation; and,
- 3) Authorize the release of the balance of the retention payment in the amount of \$6,975.76 to the contractor after the thirty-five (35) day lien period expires.