

City of Culver City, California
City Council Agenda Item Report

Date: 07/28/08		Item Number: <u>C-10</u>	
AGENDA ITEM: Request for Additional Change Order Authority for Traffic Signal Upgrade Communication Infrastructure Certification Components of Work for the Fox Hills Area Traffic Signal Synchronization 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: ☒
Public Notification: Master E-Mail Notification List on (07/2408).			
Department Head Approval: Charles D. Herbertson (07/17/08)		City Attorney Approval: Carol Schwab (by H. Baker) (07/21/08)	
Chief Financial Officer Approval: Jeff Muir (by N. Kimball)(07/22/08)		City Manager Approval: Jerry B. Fulwood (07/23/08)	
 <u>RECOMMENDATION:</u> Staff recommends the City Council authorize the Public Works Director/City Engineer to approve change orders, as necessary, in an amount not to exceed \$100,000 (in addition to the original \$70,000 change order authority) for the Traffic Signal Upgrade / Communication Infrastructure Certification component of the Fox Hills Area Traffic Signal Synchronization Project, P-852. <u>BACKGROUND:</u> The City Council approved the award of a construction contract to KDC Inc. (DBA Dynalectric) on January 28, 2008 for an amount not to exceed \$676,900 with a contingency of \$70,000 at the discretion of the Director of Public Works/City Engineer. The work includes upgrade of existing traffic controllers, street signs, multi-conductor wires (signal phasing), DLC (loop detectors), Emergency Vehicle Preemption (EVP) cables, and the testing of the interconnect wires. Dynalectric commenced work on March 10, 2008 and as of date the contractor has completed approximately 50% of the work, including the upgrade to signalized intersections along Hannum Avenue (4 locations), and is currently working on signalized intersections along Green Valley Circle (2 locations) and Centinela Avenue (2 locations).			

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DISCUSSION:

CHANGE ORDERS TO DATE

In the process of upgrading wires, Dynalectric encountered difficulties with the City's existing conduit. The conduits were found to be old; some were damaged and others were "frozen" such that existing wires in the conduits were immovable. In either case, damaged or frozen, the existing wires in the conduits cannot be removed and thus new wires cannot be installed. To resolve these unforeseen field conditions, three change orders were approved to install new conduits for the installation of new multi-conductor wires and interconnect wires.

Another change order was approved to install new interconnect wires along Hannum Avenue, from Slauson Avenue to Slauson Avenue at Buckingham Parkway due to existing deficiencies.

To date, the project utilized \$63,901.56 out of previously approved \$70,000 of contingency.

CURRENT NEED

Present work at Hannum Avenue/Green Valley Circle and Buckingham Parkway/Green Valley Circle showed presence of damaged and frozen conduits. To install new multi-conductor wires at these locations, the project will need to install new 3" conduits. Preliminary estimate associated with the installation of new conduits at the aforementioned locations is approximately \$30,000.

The requested additional \$100,000 in change order authority will expedite the extra work approval process in the event the project encounters similar conditions at the remaining project locations. Since the upgrade and certification testing are components of the overall Fox Hills Area Traffic Signal Synchronization project, any unused money will be available for the next component of work.

FISCAL ANALYSIS:

There are sufficient funds available in the adopted 2008/09 Capital Improvement Budget with reimbursable Metro (MTA) Grant funds (42300852) and State Gas Tax funds (41800852) to pay for the proposed work.

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City Council Agenda Item Report

ATTACHMENT:

- A. January 28, 2008 Staff Report
- B. November 26, 2007 Staff Report

MOTION:

That the City Council authorize the Public Works Director/City Engineer to approve change orders, as necessary, in an amount not to exceed \$100,000 (in addition to the original \$70,000 change order capacity) for the Traffic Signal Upgrade / Communication Infrastructure Certification Component of the Fox Hills Area Traffic Signal Synchronization Project, P-852.