



City of Sunnyvale

Agenda Item-No Attachments (PDF)

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REPORT TO COUNCIL

SUBJECT

Modify an Existing Construction Contract for the Traffic Signal Project at Mathilda/Olive Avenues and Approval of Budget Modification No. 3 in the Amount of \$71,873 (PW16-05-1)

REPORT IN BRIEF

Approval is requested to modify an existing construction contract with Tennyson Electric through the approval of a change order in an amount not to exceed \$71,873. The change order will facilitate current and future expansion of fiber optic traffic signal communications, as explained below. Approval is also requested for Budget Modification No. 3 in the amount of \$71,873 to provide additional funding.

EXISTING POLICY

Pursuant to Section 2.09.150(b) of the Sunnyvale Municipal Code, a contract change in excess of the amount previously approved by the awarding authority must be approved by the awarding authority. In this instance, Council approved the initial contract in the amount of \$547,532, plus a 10% contingency. The Code requires that increases in contract amounts, beyond the existing Council approved contract limits, require Council approval.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) determination for this project is a Class 1 categorical exemption pursuant to CEQA Guidelines Section 15301 for alterations to existing facilities involving negligible or no expansion of existing use beyond that which presently exists.

BACKGROUND AND DISCUSSION

On October 27, 2015, a construction contract for the Traffic Signal Reconstruction at Mathilda/Olive Avenues in the amount of \$547,532 was awarded to Tennyson Electric, Inc. (RTC No. 15-0925). The scope of the project includes: traffic signal reconstruction utilizing the downtown specification of decorative poles, upgrade intersection corners for ADA and pedestrian walkability, installation of fiber optics traffic signal communication, slurry seal and striping.

Subsequent to the completion of design of the project, the standards for some of the traffic signal equipment and fiber optics communication have been revised. Specifically, new traffic signals will now have pedestrian video detection, which alleviates the need for a pedestrian crossing the intersection to push a button. In addition, the fiber optics communication minimum number of strands is now 144 instead of 96, which allows for future expansion of the traffic signal communications network. The fiber optics communication will also terminate at Remington Drive instead of El Camino Real, which will allow the future traffic signal modification at Sunnyvale/Saratoga - Talisman (currently under design, federally grant funded) to connect to the fiber optic network. Staff has worked with Tennyson Electric to receive pricing on these two items. The fiber optics

communication upgrade from 96 to 144 strands, increasing the length of the communication line to Remington Drive and upgrade of intermediary pull boxes along the route is \$28,685. The procurement of the pedestrian video detection system and installation of the system will cost \$36,654. This price is in line with similar quotes that the City has received independently for the pedestrian video detection system.

The aggregate fiber optics communication and pedestrian video detection system cost is \$65,339. With the addition of a standard 10% contingency the total requested increase is \$71,873.

FISCAL IMPACT

Budget Modification No. 3 has been prepared to appropriate funding for this construction contract in the amount of \$71,873, to add to the FY 2016/17 budget.

Budget Modification No. 3 FY 2016/17

	<u>Current</u>	<u>Increase/ (Decrease)</u>	<u>Revised</u>
Infrastructure Fund			
<u>Capital Project 820190</u>			
Traffic Signal Hardware & Wiring	\$706,643	\$71,873	\$778,516
Capital Projects Fund			
<u>Capital Project 816000</u>			
Future Traffic Signal Construction/Modification	\$228,073	(\$71,873)	\$156,200

Funding Source

Funding is from Capital Project 816000, Future Traffic Signal Construction/Modification, which utilizes carry-over Traffic Mitigation Fees for this need.

PUBLIC CONTACT

Public contact was made by posting the Council agenda on the City's official-notice bulletin board outside City Hall, at the Sunnyvale Senior Center, Community Center and Department of Public Safety; and by making the agenda and report available at the Sunnyvale Public Library, the Office of the City Clerk and on the City's website.

RECOMMENDATION

1) Authorize the City Manager to execute a change order to an existing construction contract with Tennyson Electric in an amount not-to-exceed \$71,873; and 2) Approve Budget Modification No. 3 in the amount of \$71,873 to provide additional funding for the project.

Prepared by: Pete Gonda, Purchasing Officer
Reviewed by: Timothy J. Kirby, Director of Finance
Reviewed by: Manuel Pineda, Director of Public Works
Reviewed by: Kent Steffens, Assistant City Manager
Approved by: Deanna J. Santana, City Manager