

Agenda Report

November 5, 2018

TO: Honorable Mayor and City Council

FROM: Department of Public Works

SUBJECT: **CONTRACT AWARD TO CALIFORNIA PROFESSIONAL ENGINEERING, INC., FOR INSTALLATION OF A TRAFFIC SIGNAL AT WASHINGTON BOULEVARD AND GARFIELD AVENUE AND AT MID-BLOCK OF 1790 NORTH FAIR OAKS AVENUE FOR AN AMOUNT NOT TO EXCEED \$560,000**

RECOMMENDATION:

It is recommended that the City Council:

1. Find the project proposed herein to be categorically exempt under the California Environmental Quality Act (CEQA) Guidelines in accordance with Title 14, Chapter 3, Article 19, Section 15301, Class 1, minor alterations of existing public facilities involving negligible or no expansion of use beyond that previously existing at the time of the lead agency's determination, and find that there are no features that distinguish this project from others in the exempt class, and therefore, there are no unusual circumstances; and
2. i) Accept the bid dated October 23, 2018, submitted by California Professional Engineer, Inc., in response to the project plans and specifications for the Installation of New Traffic Signal at the Intersection of Washington Boulevard and Garfield Avenue and Mid-Block Traffic Signal and Crosswalk at 1790 North Fair Oaks Avenue Project, ii) reject all other bids, and iii) authorize the City Manager to enter into a contract not to exceed \$560,000, which includes the base contract amount of \$477,809 and a contingency of \$82,191 to provide for any necessary change orders.

BACKGROUND:

The two new traffic signal installations are both projects programmed in the adopted Fiscal Year (FY) 2019-2023 Capital Improvement Program (CIP). The intersection of Washington Boulevard and Garfield Avenue was evaluated based on traffic signal warrants outlined in the California Manual on Uniform Traffic Control Devices (CA-MUTCD). The fulfillment of signal Warrant 1, Condition B, Interruption of Continuous Traffic, supports the installation of a traffic signal at Washington Boulevard and Garfield Avenue.

Installation of a traffic signal at this intersection will reduce delays for motorists crossing Washington Boulevard and enhance safety for motorists and pedestrians.

The mid-block segment of Fair Oaks Avenue between Tremont Street and Fair Oaks Drive was evaluated to determine whether traffic conditions meet warrants for a pedestrian signal. A pedestrian signal is a traffic signal used to control a pedestrian crosswalk at a mid-block location. A review of the historical traffic volumes and current traffic and pedestrian counts indicated that the mid-block crosswalk location at 1790 North Fair Oaks Avenue meets the criteria in Section 4F.01 of the 2014 CA-MUTCD. In addition, based on criteria identified in the Pasadena Pedestrian Crossing Treatment Guidance Report, the installation of a pedestrian signal crossing is recommended due to the existing traffic volumes, roadway geometry and traffic speeds at the noted location. Installation of the pedestrian signal will enhance the safety of pedestrians crossing Fair Oaks Avenue and will allow signal coordination along the Fair Oaks Avenue corridor to minimize motorist delays while providing a controlled pedestrian crossing.

Both projects consist of furnishing and installing traffic signal standards, traffic signal cabinets and controllers, video detection cameras, conduit, conductors, pull boxes, curb ramps, striping, signage, and miscellaneous appurtenant work.

A finding of compliance with the General Plan was previously made and is shown on page 5.13 and 5.15 of the FY 2019-2023 CIP, Mid-Block Traffic Signal and Crosswalk at 1790 North Fair Oaks Avenue, and Traffic Signal at Garfield Avenue and Washington Boulevard Program.

The Department of Public Works prepared plans and specifications for this project. In accordance with Section 4.08.070 of the Pasadena Municipal Code, bids were requested and received. The project was advertised in the *Pasadena Journal* on September 27, 2018. In addition, the Notice Inviting Bids was published in four trade publications, and listed on the City's website, which generated notices to 1,480 local vendors. Bid packages were obtained by 37 contractors, nine of whom submitted a bids for the project.

Following advertising, bids were received on October 23, 2018, and are as follows:

Bidder	Amount (\$)
1. California Professional Engineering, Inc., La Puente	\$477,809
2. Elecnor Belco Electric, Inc., Chino	\$492,438
3. DBX, Inc., Temecula	\$493,616
4. PTM General Engineering Services, Inc., Riverside	499,899
5. Dynalectric, Inc., Los Alamitos	501,511
6. Sturgeon Electric California, LLC, Chino	524,932
7. Aldridge Electric, Inc., Libertyville	540,363
8. NoHo Constructors, Studio City	574,610
9. Comet Electric, Inc., Chatsworth	577,590

Engineer's Estimate

\$537,900

The lowest bid received was 13 percent lower than the Engineer's Estimate of \$537,900.

It is recommended that California Professional Engineering, Inc., be awarded the contract for this project as they are the lowest responsive and responsible bidder. The proposed contract with California Professional Engineering, Inc., fully complies with the Competitive Bidding and Living Wage Ordinances. In addition, the proposed contract fully complies with the Prevailing Wage Law (Senate Bill 7) per Resolution 9406 adopted by the City Council on December 14, 2014.

The contractor has indicated that the award of this contract will result in no new hires to the present workforce. A Local Hiring Provision to notify the labor unions of the goal to employ qualified Pasadena residents for 75 percent of new labor work hours on the project was included in the project specifications.

California Professional Engineering, Inc., has completed contracts totaling approximately \$1,600,000 on prior City projects since 2013. Staff has confirmed the contractor's license and Department of Industrial Relations status is in good standing.

The contract for this project will be set as follows:

Bid	\$ 477,809
Contingency Allowance	<u>\$ 82,191</u>
Contract "Not to Exceed" Amount	\$ 560,000

It is anticipated that construction will begin in January 2019 and be completed in June 2019. These proposed dates include the material lead time required for manufacturing and delivery of items.

COUNCIL POLICY CONSIDERATION:

This project is consistent with the City Council's goals to improve, maintain and enhance public facilities and infrastructure, and improve mobility and accessibility throughout the City.

ENVIRONMENTAL ANALYSIS:

The City's Environmental Administrator recommends that the City Council determine the proposed project to be exempt under CEQA Guidelines in accordance with Title 14, Chapter 3, Article 19, Section 15301, Class 1, minor alterations of existing public facilities involving negligible or no expansion of use beyond that previously existing at the time of the lead agency's determination. There are no features that distinguish this project from others in the exempt class, and therefore, there are no unusual circumstances.

FISCAL IMPACT:

The total cost of this contract is \$560,000 and the total cost of this action will be \$645,000. Funding for this action will be addressed by the utilization of existing funds in the *Mid-Block Traffic Signal and Crosswalk at 1790 North Fair Oaks Avenue (75096)*, and *Traffic Signal at Garfield Avenue and Washington Boulevard (75091)* projects in the FY 2019 – FY 2023 CIP budget. It is anticipated that all of the construction cost will be expended in FY 2019.

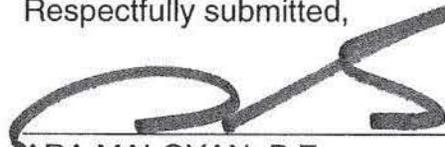
The following table represents a summary of the sources of funds that will be used.

Mid-block Traffic Signal and Crosswalk at 1790 N. Fair Oaks Avenue (75096)	\$ 200,000
Traffic Signal at Garfield Avenue and Washington Boulevard (75091)	\$ 445,000
Total Sources	\$ 645,000

The following table represents a contract summary of the project.

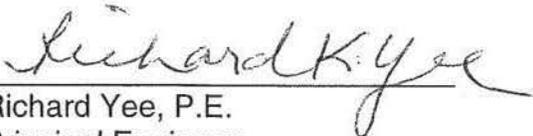
Base Bid	\$ 477,809
Contingency	\$ 82,191
Contract Administration/Inspection	\$ 85,000
Total Fiscal Impact	\$ 645,000

Respectfully submitted,



ARA MALOYAN, P.E.
Director of Public Works

Prepared by:



Richard Yee, P.E.
Principal Engineer

Approved by:



STEVE MERMELL
City Manager