



Legislation Text

File #: 2020-679, Version: 1

Report to Mayor and City Council

Tuesday, October 06, 2020

Consent

SUBJECT:

CONSIDER APPROVAL OF THE PLANS, SPECIFICATIONS, AND ESTIMATES FOR PROJECT NO. 1628: TRAFFIC SIGNAL INSTALLATION AT THE INTERSECTION OF TAJAUTA AVENUE AND DEL AMO BOULEVARD, AND AUTHORIZE STAFF TO ADVERTISE FOR CONSTRUCTION BIDS (CITY COUNCIL)

I. SUMMARY

Project No. 1628: Traffic Signal Installation at the intersection of Tajauta Avenue and Del Amo Boulevard is included in the City's Capital Improvement Program (CIP) list. Progress has been made and the project plans, specifications, and estimates (PS&E) that were prepared by P.A. Arca Engineering, Inc. are available for review in the City Engineer's Office. The project is now ready for construction bid with a total estimated construction cost of \$230,000.00.

This project is subject to the requirement of the City's Master Project Labor Agreement (PLA) and the City's Enhanced Electrical Safety Policy (EESP). The selected contractor and all subcontractors have an obligation to comply with the terms of the PLA and the EESP.

Staff requests that City Council approve the PS&E and authorize staff to advertise this project for construction bids.

II. RECOMMENDATION

TAKE the following actions:

1. APPROVE the Plans, Specification and Estimates for Project No. 1628: Traffic Signal Installation at the intersection of Tajauta Avenue and Del Amo Boulevard.

2. AUTHORIZE staff to advertise the work and call for construction bids.

1.

III. ALTERNATIVES

1. DO NOT APPROVE the above recommendations.

2. TAKE another action the City Council deems appropriate, consistent with the requirements of the law.

IV. BACKGROUND

The City's Capital Improvement Program (CIP) calls for the construction of Project No. 1628: Traffic Signal Installation at the intersection of Tajauta Avenue and Del Amo Boulevard (Exhibit No. 1).

Tajauta Avenue is a 40-foot wide local street with one travel lane in each direction, provides north-south access, and has a terminus at Del Amo Boulevard. Del Amo Boulevard is an 86-foot wide major highway with two travel lanes and a bike lane in each direction, and provides east-west access. The intersection of Tajauta Avenue and Del Amo Boulevard is stop-controlled on the southbound Tajauta Avenue approach, while uncontrolled on both the east and westbound Del Amo Boulevard approaches.

The City retained the services of P.A. Arca Engineering, Inc. (ARCA) to prepare the PS&E for this project. ARCA conducted a full signal warrant analysis, and the results of the warrant analyses indicate that existing conditions during a regular weekday satisfy Peak-Hour Warrant (Warrant 3) and Coordinated-Signal-System-Warrant (Warrant 6) for a new traffic signal at the intersection. The project consists of installation of new traffic signal improvements, it also includes installation of crosswalks and upgrade of the existing wheelchair ramps to meet the American with Disability Act (ADA) requirements. This project will improve the pedestrian and traffic safety at the intersection.

ARCA completed the PS&E and it is consistent with staff's requirements.

The anticipated timeline for project is as follows:

Preparation of Plans, Specifications, and Estimates	Completed
Advertise Notice Inviting Bids	November 2020
Award of Construction Contract	January 2021
Start of construction	February 2021
Completion of construction	November 2021
Project Close-Out	December 2021

V. FISCAL IMPACT

It is anticipated that funding in the amount of approximately \$230,000.00 (\$200,000.00 - construction cost + \$30,000.00 - contingency cost) will be needed to cover the total project completion cost. After construction bids are received, staff will come back to the City Council to request funding, amending the City's budget, and to award a construction contract.

Anticipated project costs:

Description	Estimated Project Cost
Construction (TBD)	\$200,000
Construction Contingency (15%)	\$30,000
Total	\$230,000

VI. EXHIBITS

1. Location Map. (pg. 4)

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