

Agenda Report

October 18, 2021

TO: Honorable Mayor and City Council

FROM: Department of Public Works

SUBJECT: CONTRACT AWARD TO SELECT ELECTRIC, INC. FOR ADAPTIVE TRAFFIC CONTROL NETWORK – PHASE II TRAFFIC SIGNAL MODIFICATION AT MULTIPLE CORRIDORS, FOR AN AMOUNT NOT TO EXCEED \$1,280,000

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 September 23, 2021, submitted by Select Electric, Inc. in response to the project plans and specifications for Adaptive Traffic Control Network – Phase II Traffic Signal Modification at Multiple Corridors project, ii) reject all other bids received on July 9, 2021 and September 23, 2021, and iii) authorize the City Manager to enter into a contract not to exceed \$1,280,000 which includes the base contract amount of \$1,122,345 and a contingency of \$157,655 to provide for any necessary change orders.

BACKGROUND:

This project provides for the installation of new traffic signal cabinets and video detection cameras which provides additional adaptive traffic control capabilities within the mobility corridor network. Adaptive Traffic Control (ATC) is the dynamic adjustment of traffic signal timing based on actual demand. There are existing ATC capabilities recently installed and operational along Fair Oaks Avenue, Raymond Avenue, Arroyo Parkway and Marengo Avenue. This project will provide ATC capabilities along California Boulevard - St. John Avenue to Lake Avenue; Del Mar Boulevard - St. John

Avenue to Oak Knoll Avenue; Lake Avenue - San Pasqual Street to Orange Grove Boulevard; and Foothill Boulevard - Sierra Madre Boulevard to Michillinda Avenue. See Attachment A for map of the area.

A finding of compliance with the General Plan was previously made and is shown on page 5.20 of the Fiscal Year (FY) 2022 Capital Improvement Program (CIP) budget.

The Department of Public Works prepared plans and specifications for this project. On May 25, 2021 a Notice Inviting Bids for Adaptive Traffic Control Network – Phase II Traffic Signal Modification at Multiple Corridors project (Adaptive Traffic Phase II) was published in the local papers as well as posted on PlanetBids. A total of 40 vendors downloaded the specifications, none of whom were local. A total of five bids were received on July 9, 2021, none from local firms. Each of the bids received exceeded the project's budget, primarily due to the specification of higher-end video detection systems. Therefore, it is recommended that these bids be rejected. The process of rejecting the first bids, re-advertising the project, then City Council award to the lowest responsive, responsible bidder is contained within one Council Agenda Report.

In an effort to obtain more reasonable bids, the project specifications were modified to utilize more affordable video detection systems along with bid alternate items. On August 26, 2021, a second Notice Inviting Bids for Adaptive Traffic Phase II was published in the local papers as well as posted on PlanetBids. The posting generated notices to all vendors who have previously registered with the City for this particular commodity class. A total of 38 vendors downloaded the specifications of which none were local. A total of ten bids were received by the bid opening date, none from local firms.

Following advertising, bids were received on September 23, 2021 and are as follows:

Bidder	Total Amount (\$)
1. Select Electric, Inc., Vista	\$1,234,567
2. Elecnor Belco Electric, Inc., Chino	\$1,261,489
3. Crosstown Electrical & Data, Inc., Irwindale	\$1,274,955
4. Alfaro Communications Construction, Inc., Compton	\$1,332,165
5. California Professional Engineering, Inc., La Puente	\$1,384,220
6. Baker Electric, Inc., Escondido	\$1,446,648
7. DBX, Inc., Temecula	\$1,467,858
8. Calpromax Engineering, Inc., Placentia	\$1,488,620
9. Martell Electric, Inc., Alpine	\$1,532,326
10. Comet Electric, Inc., Chatsworth	\$1,709,370
Engineer's Estimate	\$1,144,000

The basis of award in determining lowest responsive and responsible bid is the Grand Total amount of Base Bid plus six Additive Alternates (A – F). See chart below. The lowest Grand Total bid received is higher than the project budget. Therefore, staff is recommending to award a contract for Base Bid plus only four of the Additive Alternates

(A, B, C & F) amounting to \$1,122,345 to keep within the available project budget. The City is experiencing higher than typical bid prices on recently advertised projects due to labor and material delays and increases related to material costs.

Additive Alternate	Location	Amount
Alternate A	Del Mar Blvd. and Hudson Ave.	\$62,496
Alternate B	Del Mar Blvd. and Oak Knoll Ave.	\$43,865
Alternate C	Lake Ave. and crosswalk north of Cordova St.	\$28,845
Alternate D	Foothill Blvd. and Altadena Dr.	\$72,932
Alternate E	Foothill Blvd. And San Gabriel Blvd.	\$39,290
Alternate F	Foothill Blvd. And Halstead St.	\$64,524

It is recommended Select Electric, Inc., be awarded a contract for this project as they are the lowest responsive and responsible bidder. The proposed contract with Select Electric, Inc. fully complies with 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 Preference Provision to recruit Pasadena residents initially and to give them preference, if all other factors are equal, for any new positions for this project was included in the project specifications. Select Electric, Inc., has completed contracts totaling approximately \$550,000 on prior City projects since 2018. 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	\$1,122,345
Contingency Allowance	\$ 157,655
Contract "Not to Exceed" Amount	\$1,280,000

It is anticipated that construction will begin in January 2022 and be completed in June 2022. These proposed dates include the material lead time required for manufacturing and delivery of items.

COUNCIL POLICY CONSIDERATION:

This project is consistent with the Mobility Element Policy 1.23 of the General Plan by promoting continuous improvements in addressing safety features in the design and delivery of all ongoing transportation services. It is also consistent with Policy 4.6 which seeks to upgrade the Traffic Management Center and deploy advanced technology along multimodal corridors at congested intersections and at key places of pedestrian and bicycle activity to improve overall system performance and user safety.

ENVIRONMENTAL ANALYSIS:

The proposed project is categorically 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:

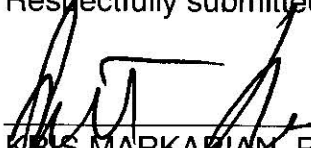
The total cost of this contract is \$1,280,000 and the total cost of this action will be \$1,400,000. Funding for this action will be addressed by the utilization of existing funds in the Adaptive Traffic Control Network - Phase II FY 2022-2026 (75095) CIP project. It is anticipated that all of the construction cost will be expended in FY 2022.

The following table represents a contract summary of the project.

Base Bid	\$1,122,345
Contingency	\$ 157,655
Contract Administration/Inspection	\$ 120,000
Total Fiscal Impact	\$1,400,000

Respectfully submitted,

For


KRIS MARKARIAN, P.E.
Acting Director of Public Works

Prepared by:


Richard Yee, P.E.
Principal Engineer

Approved by:


STEVE MERMELL
City Manager

Attachment A – Project Map