



**City of Santa Ana**  
**20 Civic Center Plaza, Santa Ana, CA 92701**  
**Staff Report**  
**March 7, 2023**

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**TOPIC:** Construction Contract for Bristol Street and Santa Clara Avenue Traffic Signal Modification

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**AGENDA TITLE**

Approve an Appropriation Adjustment, and Award a Construction Contract to Elecnor Belco Electric, Inc., in the Amount of \$493,244.76 for the Bristol Street and Santa Clara Avenue Traffic Signal Installation Project with an Estimated Project Delivery Cost of \$616,555.95 (Project No. 22-6995) (Non-General Fund)

**RECOMMENDED ACTION**

1. Approve an appropriation adjustment recognizing \$297,100 in FY 2022-23 Highway Safety Improvement Program, State Grant-Direct funds into the Public Services Street Safety Projects, Improvements Other Than Building expenditure account.  
(Requires five affirmative votes)
2. Award a construction contract to Elecnor Belco Electric, Inc., the lowest responsible bidder, in accordance with the base bid in the amount of \$493,244.76, for construction of the Bristol Street and Santa Clara Avenue Traffic Signal Installation Project, for the term beginning March 7, 2023, and ending upon project completion, subject to non-substantive changes approved by the City Manager and City Attorney.
3. Approve the Project Cost Analysis for a total estimated construction delivery cost of \$616,555.95, which includes \$493,244.76 for the construction contract; \$73,986.71 for contract administration, inspection and testing; and a \$49,324.48 project contingency for unanticipated or unforeseen work.
4. Approve an amendment to the FY 2022-23 Capital Improvement Program to include \$297,100 in construction funding from Highway Safety Improvement Program grant funds and \$320,000 in construction funding from General Funds approved in FY 22-23 proposed budget for the Bristol Street and Santa Clara Avenue Traffic Signal Modification.

**DISCUSSION**

The Public Works Agency's Traffic Engineering Staff received numerous safety concerns from residents regarding the history of vehicle collisions that have occurred at the intersection of Bristol Street and Santa Clara Avenue (Exhibit 1). Engineering staff conducted an analysis of the location, which included review of traffic collision history

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and a left turn traffic signal warrant analysis. Based on staff's findings, it was determined that the installation of left-turn signal indications for the northbound to westbound and southbound to eastbound directions on the current traffic signal are needed to increase vehicle and pedestrian safety at this intersection. Following the analysis, the location was placed on a traffic signal priority list for funding.

In October 2020, the Public Works Agency (PWA) submitted a grant application requesting funding from the Highway Safety Improvement Program (HSIP) grant that is administered by the State of California Department of Transportation. On March 2021, the PWA received confirmation that the application had been successful and that the agency was awarded \$297,100 in Highway Safety Improvement Program (HSIP) grant for the project. The grant funds were recognized by the City Council and approved in the FY 2022-23 Capital Improvement Program (CIP).

The recommended actions are required to proceed with the traffic signal modification at the Bristol Street and Santa Clara Avenue intersection (Exhibit 2). The scope of work includes installation of asphalt concrete pavement, signage, striping, and new traffic signal systems.

### Public Outreach and Contractor Participation

To provide an opportunity for local vendors to submit bids, a Notice Inviting Bids was advertised in the Orange County Register newspaper on December 20 and December 27, 2022. The project was also advertised on PlanetBids on December 20, 2022, and bids were received electronically via PlanetBids on January 17, 2023. The City notified a total of 346 regional vendors via PlanetBids and 41 vendors requested bidding documents.

### Bid Results Summary

A total of seven bids were received, with all bids being deemed responsive. No bids were received from Santa Ana contractors.

<b>RANK</b>	<b>BIDDER'S NAME</b>	<b>LOCATION</b>	<b>BASE BID</b>
1	Elecnor Belco Electric, Inc.	Chino, CA	\$493,244.76
2	Select Electric, Inc.	Vista, CA	\$524,425.00
3	California Professional Engineering, Inc.	La Puente, CA	\$535,358.00
4	MSL Electric, Inc.	Anaheim, CA	\$539,750.00
5	Crosstown Electrical & Data	Irwindale, CA	\$578,779.00
6	DBX, Inc.	Temecula, CA	\$654,012.00
7	International Line Builders, Inc	Corona, CA	\$671,178.00

Elecnor Belco Electric, Inc., submitted the lowest responsive base bid in the amount of \$493,244.76 (Exhibit 3). Based on the bid analysis and a contractor's reference check, staff recommends awarding the construction contract to Elecnor Belco Electric, Inc., in the amount bid (Exhibit 4). Elecnor Belco Electric, Inc. has successfully completed work for the City dating back to 2015 and most recently in 2020 when they completed the bike lane project on Flower Street from Warner Avenue to Civic Center, and associated traffic signal modifications. Other projects completed by Elecnor Belco Electric, Inc. include traffic signal installation, modifications at various locations, and crosswalk upgrades throughout the City. Staff is confident that this contractor will continue to perform and produce quality work for the City.

#### Project Delivery

To deliver a complete project, in addition to the construction contract, the estimated total project delivery cost includes construction administration, inspection, and testing, along with an allowance for contingencies to account for unexpected or unforeseen conditions. Construction administration and inspection includes the following: construction management; implementation of the City's Community Workforce Agreement; inspection of the Contractor's work to ensure contract compliance, workmanship, and quality; and material testing. As indicated in the Cost Analysis (Exhibit 5) and as summarized in the table below, the estimated total construction delivery cost of the project is \$616,555.95.

Construction Contract	\$493,244.76
Construction Administration, Inspection, and Testing	\$73,986.71
Contingencies	\$49,324.48
<b>ESTIMATED CONSTRUCTION DELIVERY COST</b>	<b>\$616,555.95</b>

#### **ENVIRONMENTAL IMPACT**

In accordance with the California Environmental Quality Act, the recommended actions are exempt from further review. Categorical Exemption Environmental Review No. ER-2022-67 was filed for this project.

#### **FISCAL IMPACT**

As indicated in the Cost Analysis, the estimated total construction delivery cost of the project is \$616,555.95, which includes construction, contract administration, inspection, testing, and an authorized contingency. With the approval of the appropriation adjustments, the total funding needed to deliver the project will be available for expenditure (Exhibit 6) in FY 22-23.

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Approve an appropriation adjustment recognizing \$297,100 in FY 2022-23 Highway Safety Improvement Program, State Grant-Direct funds (No. 14717002-52025) Highway into the Public Services Street Safety Projects, Improvements Other Than Building expenditure (No. 14717611-66220).

<b>Fiscal Year</b>	<b>Accounting Unit-Account #</b>	<b>Fund Description</b>	<b>Accounting Unit, Account Description</b>	<b>Amount</b>
<b>APPROPRIATION ADJUSTMENT</b>				
2022-23	14717612-66220 (Proj. 22-6995)	Federal Aid Safety Improvement Program	Public Services–Street Safety Projects, Improvements Other Than Building	\$297,100
<b>Existing Budget</b>				
2022-23	01117620-66220 (Proj. 22-6995)	General Fund	PW-Traffic/Trans – Service Enhancement, Improvements Other Than Building	\$320,000
<b>Total:</b>				<b>\$617,100</b>

**EXHIBIT(S)**

1. Location Map
2. Construction Plans
3. Bid Proposal
4. Construction Contract
5. Cost Analysis
6. CIP Worksheet

Submitted By: Nabil Saba, P.E., Executive Director – Public Works Agency

Approved By: Kristine Ridge, City Manager