




December 2, 2024

To: Regional Transportation Planning Committee

From: Darrell E. Johnson, Chief Executive Officer 

Subject: Agreement for Traffic Signal Improvements for Regional Traffic Signal Synchronization Program Projects

Overview

On September 23, 2024, the Orange County Transportation Authority issued an invitation for bids for traffic signal improvements for three Regional Traffic Signal Synchronization Program projects funded by Measure M2, including Bake Parkway and Rockfield Boulevard, Crown Valley Parkway, and Moulton Parkway. Bids were received in accordance with the Orange County Transportation Authority's procurement policies and procedures for public works projects. Board of Directors' approval is requested to execute the construction agreement.

Recommendation

Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-4-2435 between the Orange County Transportation Authority and Elecnor Belco Electric, Inc., the lowest responsive, responsible bidder, in the amount of \$4,517,664 for construction of traffic signal improvements for the Regional Traffic Signal Synchronization Program projects.

Discussion

On May 9, 2022, the Orange County Transportation Authority (OCTA) Board of Directors (Board) approved the award of \$16.2 million in the 2022 Regional Traffic Signal Synchronization Program (RTSSP or Project P) funds to five local jurisdiction projects. Per the Comprehensive Transportation Funding Programs guidelines, applicants may request OCTA to lead the delivery of their RTSSP project. For three of the five awarded projects, Bake Parkway and Rockfield Boulevard (cities of Irvine, Lake Forest, and Laguna Hills), Crown Valley Parkway (cities of Dana Point, Laguna Niguel, Mission Viejo, and the County of Orange), and Moulton Parkway (cities of Dana Point, Laguna Hills, and Laguna Niguel), OCTA was requested and has agreed to lead the projects at the applicants' request.

The RTSSP project scope of work consists of traffic signal timing optimization, traffic signal equipment upgrades, and two years of ongoing monitoring and maintenance following the completion of the signal timing and equipment upgrades. Traffic signal improvements for the three OCTA-led RTSSP projects (Projects) will enhance the operation of optimized traffic signal timing plans currently underway with implementation of timing plans scheduled after the equipment upgrades. Typical traffic signal equipment upgrades as part of these Projects include traffic signal cabinets and controllers, detection systems, and communication components.

Procurement Approach

This procurement was handled in accordance with OCTA’s Board-approved procedures for public works projects. These procedures, which conform to state requirements, require contracts to be awarded to the lowest responsive, responsible bidder after a sealed bidding process.

Invitation for Bids (IFB) 4-2435 was released on September 23, 2024, through OCTA’s CAMM NET system. The bid was advertised on September 23 and September 30, 2024, in a newspaper of general circulation. A pre-bid conference meeting was held on October 2, 2024, and was attended by six firms. Two addenda were issued to provide the pre-bid conference registration sheets and handle administrative issues related to the IFB. On October 28, 2024, two bids were received and publicly opened.

All bids were reviewed by staff from the Contracts Administration and Materials Management and Planning departments to ensure compliance with the contract terms and conditions and technical specifications. The list of bidders and evaluated bid amounts for base and all optional work are presented below:

<u>Firm and Location</u>	<u>Bid Amount</u>
Elecnor Belco Electric, Inc. Chino, California	\$4,693,514
Crosstown Electrical & Data, Inc. Irwindale, California	\$5,096,436

The OCTA engineer’s estimate for the Projects was \$4,921,920. The recommended firm’s bid is 4.64 percent below the engineer’s estimate and is considered by staff to be fair and reasonable.

State law requires award to the lowest responsive, responsible bidder. Staff recommends award to Elecnor Belco Electric, Inc., the lowest, responsive, responsible bidder whose total evaluated bid amount for base work and all optional work was in the amount of \$4,693,514, for construction of traffic signal improvements for the RTSSP Projects. As stated in the IFB's instructions to bidders, OCTA has a limited budget for the Projects and the discretion to award the base work plus any optional bid items that fit within the budget. As such, the award for base work and select optional work is in the amount of \$4,517,664.

Fiscal Impact

The Projects were approved in OCTA's Fiscal Year 2024-25 budget, Planning Division, and are funded by Measure M2 Project P with a participating agency match of 20 percent. The total budget for the Projects is allocated to the three separate RTSSP project account numbers, Account No. 0017-7519-SPF37-P57 for Bake Parkway and Rockfield Boulevard, Account No. 0017-7519-SPF36-P57 for Crown Valley Parkway, and Account No. 0017-7519-SPF38-P57 for Moulton Parkway.

Summary

Staff recommends the Board authorize the Chief Executive Officer to negotiate and execute Agreement No. C-4-2435 between OCTA and Elecnor Belco Electric, Inc., the lowest responsive, responsible bidder, in the amount of \$4,517,664, for construction of traffic signal synchronization improvements for the RTSSP Projects.

Attachment

None

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