

STAFF REPORT

SUBJECT: Contract Award for LAVTA Adaptive Signal Control Technology Services

FROM: Beverly Adamo, Director of Administrative Services

DATE: July 11, 2016

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**Action Requested**

Approve the award of the contract for LAVTA Adaptive Signal Control Technology Services to Western Pacific Signal, LLC.

**Background**

LAVTA advertised for proposals from qualified firms to implement the strategies of adaptive signal control and replace the existing coordinated traffic signal system, to provide real time changes to the signal timing parameters in response to changes in the traffic conditions along a portion of Dublin Boulevard in the City of Dublin. This project is a cooperative endeavor between the Metropolitan Transportation Commission (MTC) and the City of Dublin under the Transit Productivity Improvement regional initiative. The RFP was advertised electronically on LAVTA's website and the RFP announcement was sent via email to a list of potential proposers identified by MTC technical consultant.

In response to the Request for Proposals (RFP) 2016-05 LAVTA received two proposals:

Rhythm Engineering  
Western Pacific Signal, LLC

**Discussion**

*Selected Firm*

In order to select a firm to provide the services, one LAVTA staff, one MTC staff (working also with a technical consultant as an advisor), and two City of Dublin staff members reviewed and rated the proposals. Proposals were rated on three categories and assigned points (out of 100 total) as noted below.

- System Requirements: Ability of firm to meet the mandatory system requirements outlined in the Technical Scope - 40 points
- Understanding of Project: Firm's ability to demonstrate an understanding of the project objectives and work requirements based upon clarity of proposal and responsiveness to the RFP - 15 points
- Company Qualifications and Experience: Strengths, experience and qualifications of key personnel, in completing projects of similar type, size and complexity, and client references - 15 points

- Proposed Cost: The most cost effective proposal will receive the full 15 points. The 2nd lowest cost proposal will receive 10 points and the third lowest cost proposal will receive 5 points. All other proposals will receive 0 points.
- Ability to meet desirable system requirements: Proposer understands LAVTA’s requirements as demonstrated by a comprehensive response to this RFP - 10 points
- Project Approach: Proposer provides a logical and efficient approach to the project and offers a clear methodology to the approach - 5 points

In reviewing the two proposals, all reviewers agreed on the cumulative rating (out of a total 400 points possible) as follows:

Rhythm Engineering:	296
Western Pacific Signal, LLC:	352

Based on these scores, LAVTA began a negotiation with Western Pacific Signal, LLC regarding the details of pricing, technology and testing. Based on the results of those negotiations and testing of the proposed system, LAVTA determined that Western Pacific Signal, LLC did provide the “best value” for delivery of the project, having meet all the requirements of the RFP. The proposal was also reviewed by Legal Counsel to ensure that it was responsive and responsible with respect to the requirements.

**Budget Considerations**

Western Pacific Signal, LLC has proposed the total project price, including applicable sales tax, of \$458,487.00. LAVTA is also requesting approval for a 10% contingency of \$45,848.70, if needed. This proposed pricing is in line with the Independent Cost Estimate LAVTA has for the project. Primary funding for this project is a Congestion Management Air Quality (CMAQ) grant from the FTA and was acquired via a competitive process through MTC. This project is included in the Board approved FY17 Capital Budget.

**Next Steps**

Upon award, LAVTA will work with Western Pacific Signal, LLC to execute the contract and then work with MTC, City of Dublin and Western Pacific to complete the project.

**Recommendation**

The Finance & Administration Committee recommends the Board of Directors approve Resolution 25-2016 and award the contract to Western Pacific Signal, LLC to provide Adaptive Signal Control Technology Services.

Attachment:

1. Resolution 25-2016

*Approved:* \_\_\_\_\_

**RESOLUTION 25-2016**

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY  
AWARDING ADAPTIVE SIGNAL CONTROL TECHNOLOGY SERVICES**

**WHEREAS**, the LAVTA requires the services of a third party contractor to implement the strategies of adaptive signal control and replace the existing coordinated traffic signal system, to provide real time changes to the signal timing parameters in response to changes in the traffic conditions along a portion of Dublin Boulevard in the City of Dublin in LAVTA's service area; and

**WHEREAS**, the agency's issued a Request for Proposals 2016-05; and

**WHEREAS**, Western Pacific Signal, LLC responded to LAVTA's request for proposals and submitted a proposal which was selected as the "best value" and responsive and responsible proposal; and

**NOW, THEREFORE BE IT RESOLVED**, by the Board of Directors of the Livermore Amador Valley Transit Authority that the LAVTA Board approves entering into a contract with Western Pacific Signal, LLC for \$458,487.00 for this project.

**BE IT FURTHER RESOLVED** that the Board of Directors authorizes the Executive Director to expend a 10% contingency amount not to exceed \$45,848.70.

**BE IT FURTHER RESOLVED** that the Executive Director is authorized to complete negotiations and execute a contract with Western Pacific Signal, LLC in a form approved by LAVTA's Legal Counsel.

PASSED AND ADOPTED this 11th day of July 2016.

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Steven Spedowski, Chair

Attest:

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Michael Tree, Executive Director