

STAFF REPORT

SUBJECT: Shared Autonomous Vehicle Project Management and Operations Contract Award

FROM: Jonathan Steketee, Contract Compliance and Customer Service Manager

DATE: April 22, 2019

Action Requested

Recommend to the board of directors the award of the contract for project management and operations of the Shared Autonomous Vehicle Project (RFP 2019-05) and approving Resolution 11-2019.

Background

The Shared Autonomous Vehicle (SAV) pilot is the cornerstone of LAVTA's mobility lab in Dublin. While limited in its service area, it is the first step in testing a technology that will help solve the transportation dilemma of choosing productivity or coverage when planning a transit system. This will close the gap between American and European transportation systems. European transportation system, by in large, are both frequent and have large coverage area, these characteristics have enabled transit ridership to be higher in Europe when compared to the United States. While large scale infrastructure projects such as the Valley Link, and High Speed rail will be needed, small scale smart transit solutions like the SAV and the MaaS trip planner, are crucial in covering service areas, making current and future fixed route systems more attractive and accessible to potential riders. The SAV in particular will provide first and last mile solutions to riders living or working outside walking distance of rapid transportation station areas. On a larger scale, SAV technologies will play a crucial role in the future of transportation. As we move towards a more autonomous, shared and electric future, our pilot will test the viability and serviceability of SAV technologies. The SAV pilot will provide a model for the rest of the region/country to follow. With the implementation of the SAV and the creation of the mobility lab in Dublin, LAVTA is continuing as a leader in the field of innovative public transportation.

LAVTA's SAV Pilot program was implemented in 2017. However, there have been significant delays in testing. As reported at the November 2018 board meeting, staff was continuing to work with GoMentum and AAA on the testing program. At that time, and at subsequent Projects and Services Committee meetings in January and February, staff was directed to move the project along, despite the lack of progress with GoMentum. That movement included seeking new potential partners to assist in the implementation of the

pilot, as AAA had acted to acquire the assets of GoMentum Station but was not viewed as sufficiently interested in the LAVTA to move the project along on a schedule suitable to LAVTA.

LAVTA staff additionally informed the Board of the impending dissolution of GoMentum and sought guidance on how to proceed with the partnership. Staff received support to seek a new potential partner as the agreement with GoMentum would need to be assigned or terminated with the dissolution of GoMentum.

Staff continues to discuss with GoMentum the terms of the separation of LAVTA and has informed them parties of our intent to dissolve the agreement and seek a new partner once the Board approves the award of a contract to a replacement contractor. We continue to speak with GoMentum in regards to the end of the partnership and return of funds already transferred to GoMentum for the procurement of the SAV and operations during testing.

In line with the guidance provided by the Board, LAVTA issued a Request for Proposal to assist in the project management and operations of our SAV Pilot on March 11, 2019. The request for proposal (RFP) asked interested parties to submit proposals for a contract to manage the SAV Pilot for both the testing phase, and once successful, operate the SAV in passenger service for LAVTA.

Discussion

In January of this year, LAVTA was informed that our current partner in the SAV pilot program, GoMentum, was being dissolved. Staff has met with GoMentum on several occasions to discuss our agreement and to decide what direction is in the best interest of LAVTA.

Staff, after weighing options carefully, decided to issue an RFP for a contractor to assist in the project management and provide operational service of the SAV pilot. On March 11, 2019 the RFP was released as RFP 2019-05.

Staff fully vetted the possible companies to perform the work. Staff held a mandatory pre-proposal meeting on site on March 20, 2019. At the meeting were 5 potentially interested companies.

Responses to the RFP were due on March 29, 2019. Two companies submitted proposals. Both company's proposals were reviewed and both companies were moved into the next part of the RFP process, a formal interview.

The review panel consisted of both LAVTA and non-LAVTA key strategic partners. The panel was as follows:

Michael Tree, LAVTA Executive Director
Jonathan Stekete, LAVTA Customer Service & Contract Compliance Manager
Charles Loundon, LAVTA Special Projects Intern

Obaid Khan, City of Dublin
Robert Rich, Metro Transportation Commission

The panel met with each proposer and were asked the same interview questions. Panelists were able to ask additional questions of the team, but only if it was for a point of clarity or to gain additional understanding of a specific topic being questioned.

Panelists were asked to score the proposals on the following criteria:

Responsiveness: 0-40 points

Completeness: 0-10 points

Cost: 0-25 points

Creative Ideas: 0-25 points

TOTAL POSSIBLE POINTS: 100

The average scores per category for each company is:

| Category | First Transit | Transdev |
|----------------|---------------|--------------|
| Responsiveness | 28 | 34.8 |
| Completeness | 5.8 | 8 |
| Cost Proposal | 17.4 | 21.4 |
| Creative Ideas | 13 | 24.75 |
| Total | 64.2 | 88.95 |

In meeting with the proposed companies it was clear that Transdev had the experience and knowledge to move our SAV pilot forward.

Transdev has successful SAV pilots in the United States and abroad, including:

- *Denver, CO- SAV connecting first/last mile to rail. This project is currently carrying passengers.*
- *Babcock Ranch, FL- SAV transporting passengers in private community. In operation for 2 years.*
- *Rouen RNAL (France)- Rouen Normandy Autonomous Lab. In operation for 3 years, provides transportation in the Madrillet Tech Cluster.*
- *Paris-Saclay (France)- providing off-peak and night time transportation in the Paris-Saclay Area. In operation for 3 years.*

Transdev has developed a strong relationship with EasyMile, the manufacture of our current SAV. They have worked with EasyMile to train their own employees to provide the technical mapping of the vehicle path as well as operating the vehicle.

Not including necessary time to transfer necessary paperwork/permits and secure storage, Transdev has established a 10 week plan to have the SAV testing physically along the route.

Staff, on April 12, 2019, requested a Best and Final Offer (BaFO) from both proposing companies. BaFO were due, and received by April 17, 2019 at 10:00AM. While First Transit did adjust the cost to procure an SAV, Transdev submitted the lowest cost bid for the project.

Budget

The cost for the project is projected to be \$832,217 over the course of 18 months. The cost includes the procurement of an SAV for the project, regulatory compliance, operation of the SAV during testing, and operation of the vehicle in passenger service.

Fiscal Impact

Expenses for the SAV Pilot are allocated in the FY19 budget and proposed for the FY20. Funding for the project is through a Bay Area Air Quality Management District. The total value of the grant is \$966,000.

LAVTA has transferred \$514,070 to GoMentum for the pilot project. The bulk of these funds was for the procurement of the SAV. Staff and legal is currently in discussions with GoMentum to recoup the remaining funds and transfer the SAV vehicle to LAVTA.

Next Steps

If the Board approves the SAV Pilot Contract, LAVTA's Executive Director and Legal Counsel will enter into final negotiations to execute a contract for the 19 month term beginning July 1, 2019.

Upon execution of the new contract, LAVTA staff will work with the contractor to move the SAV pilot forward and arrange for testing of the vehicle to start in the summer of 2019.

Recommendation

Staff recommends that the Projects & Services Committee forward a recommendation to the Board of Directors to approve a resolution for the Executive Director to enter into a contract with Transdev for the SAV Pilot.

Attachments:

1. Resolution 11-2019

RESOLUTION NO. 11-2019

**A RESOLUTION OF THE LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
APPROVING A SHARED AUTONOMOUS VEHICLE CONTRACT WITH
TRANSDEV, INC.**

WHEREAS, the Livermore Amador Valley Transit Authority (LAVTA) has undertaken a shared autonomous vehicle (SAV) pilot project and entered into an agreement with GoMentum Station to implement the project;

WHEREAS, in light of the dissolution of GoMentum Station, LAVTA needs to contract for assistance in the project management and operation of LAVTA's SAV pilot;

WHEREAS, LAVTA published a Request for Proposals for the SAV project on March 11, 2019, conducted a pre-proposal meeting, established a due date of March 29, 2019 for written proposals, and met with potential contractors on April 10, 2019;

WHEREAS, on March 29, 2019, LAVTA received two proposals from firms interested in providing services for LAVTA's SAV Project.

WHEREAS, the two proposals were evaluated, and interviews conducted, by a panel comprised of LAVTA and non-LAVTA transit management staff, and following the evaluation, the proposals were ranked; and

WHEREAS, Transdev, Inc., emerged as the top-ranked proposer.

NOW, THEREFORE, BE IT RESOLVED: That the Board of Directors of the Livermore Amador Valley Transit Authority authorizes the Executive Director to award a contract for project management and operations of LAVTA's SAV project to Transdev, Inc. and directs the Executive Director and Legal Counsel to negotiate a contract featuring terms and conditions which are consistent with the Request for Proposals and the proposer's original and subsequent submittals.

PASSED AND ADOPTED by the governing body of the Livermore Amador Valley Transit Authority (LAVTA) this 6th day of May 2019.

BY

Scott Haggerty, Chair

ATTEST

Michael Tree, Executive Director