

# Bay Area Toll Authority Oversight Committee

November 13, 2019

Agenda Item 4c

## Contract Amendment – Open Road Tolling System Technical Support: Silicon Transportation Consultants, LLC (\$200,000)

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**Subject:** This item requests Committee approval to enter into a contract amendment with Silicon Transportation Consultants, LLC (STC) to provide technical support and expertise to the Bay Area Toll Authority (BATA) while a new Open Road Tolling System (ORT) is being designed and implemented as part of BATA's conversion of the seven state-owned toll bridges to All-Electronic Tolling (AET), subject to the approval of future BATA budgets.

**Background:** In December 2018, the BATA Oversight Committee approved staff's recommendation for a schedule to convert the seven existing toll plazas to ORT. Among the projects required to achieve this objective includes replacement of the current BATA tolling system, known as the Advanced Toll Collection Accounting System (ATCAS), with a new toll collection and accounting system. ATCAS is comprised of lane equipment that detects vehicles and toll tags, cash collection equipment, a financial reporting system, and servers and hosts that store and exchange transaction data and information with the FasTrak<sup>®</sup> back office system.

The new tolling system would replace ATCAS in its entirety and BATA is seeking STC's support with the design and implementation of the new toll system that supports AET/ORT. STC has demonstrated it has the expertise and experience required to deliver the technical oversight and implementation support for a new toll system. STC's extensive experience with related projects made it the best programmatic fit to perform the anticipated scope of work. Tasks include analyzing and reviewing the operational requirements, defining financial and internal control requirements, developing system architecture design and overseeing the implementation, testing, and integration of the new tolling system.

**Contract History** STC is a resource competitively procured under the 2016 Electronic Payments Section Consultant Assistance Bench (Bench). STC is currently under contract with BATA to provide technical assistance to support updates to California's tolling interoperability requirements and the transition from the Title 21 protocol to the 6C protocol. STC's previous experience supporting BATA Finance goals, and its insight into the project processes and stakeholders, will facilitate the conversion to AET. For this reason, BATA staff recommend a direct selection award to STC to add this scope of work to its contract. Under the provisions for assigning work outlined in the Bench procurement, award of contracts to Bench firms can take place by a direct selection or via a mini-procurement with any or all of the pre-qualified firms is allowed. Based on analysis of the level of effort necessary to complete the project requirements, BATA staff estimate the cost of the needed services at approximately \$100,000 per year, for a two-year period.

STC is a Small Business, Disadvantaged Business Enterprise and Minority Owned firm that is locally owned and operated in the San Francisco-Oakland Bay Area. Attachment A includes a summary of STC and its project team's small business and disadvantaged business enterprise status.

**Recommendation:** Staff recommends the Committee authorize the Executive Director or designee to authorize a contract amendment in an amount not to exceed \$200,000 to provide technical support for the design and implementation for a new toll collection system, subject to the approval of future BATA budgets.

**Attachments:** Attachment A: Contractor DBE and SBE Status; and Request for Committee Approval – Summary of Proposed Contract Amendment



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Therese W. McMillan

**Attachment A**

**Small Business and Disadvantaged Business Enterprise Status**

	Firm Name	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	Silicon Transportation Consultants, LLC	Technical Assistance	Yes	43097		Yes	1802481	
Subcontractor	Transportation Mobility Solutions LLC	Quality Assurance	Yes	42896		Yes	2000500	

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.

REQUEST FOR COMMITTEE APPROVAL  
Summary of Proposed Contract Amendment

Work Item No.: 1252

Consultant: Silicon Transportation Consultants, LLC (Belmont, CA)

Work Project Title: New Open Road Tolling System Technical Support

Purpose of Project: Design and implement a new electronic toll collection and accounting system for the seven state-owned bridges.

Brief Scope of Work: To provide technical support and expertise in the design and implementation of the tolling system

Project Cost Not to Exceed: This amendment: \$200,000  
Current contract amount before this amendment: \$450,000  
Maximum contract amount after this amendment: \$650,000

Funding Source: Toll Bridge Rehabilitation Program funds

Fiscal Impact: \$100,000 is included in the FY19-20 Toll Bridge Rehabilitation Program Budget, the balance of \$100,000 is subject to the approval of the BATA budget for FY20-21.

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with Silicon Transportation Consultants, LLC for support services described above and in the BATA Oversight Committee Summary Sheet dated November 13, 2019 and the Chief Financial Officer is authorized to set aside \$200,000 for such contract amendment, subject to the approval of future BATA budgets.

BATA Oversight Committee: \_\_\_\_\_  
Amy R. Worth, Chair

Approved: November 13, 2019