Bay Area Toll Authority
Oversight Committee

September 4, 2019 **Agenda Item 5a**

Contract – San Francisco-Oakland Bay Bridge Metering Lights (SFOBB ML) System Upgrade: St. Francis Electric, LLC (General Contractor) ($8,987,000 plus a contingency of $1,500,000)

Subject: This item requests Committee approval to enter into a contract with St. Francis Electric, LLC, in an amount not to exceed $8,987,000 for construction services, for the San Francisco-Oakland Bay Bridge Metering Lights (SFOBB ML) System Upgrade project. This item also recommends a contingency in an amount of $1,500,000 to be used at the discretion of the Executive Director or designee for changes in the work.

Background: The SFOBB toll plaza is the convergence of 20 traffic lanes coming from Interstates 80, 580 and 880. The existing metering system was developed in 1974 by Caltrans to smooth transition of the 20 approach lanes to the five lanes on the bridge. The system uses embedded loop detectors and off-pavement sensors to measure traffic flow and determine signal timing and last received minor improvements in 1980.

BATA's objective, in conjunction with California Department of Transportation (Caltrans) District 4, is to upgrade the SFOBB ML System (the Project). The Project will modernize the in-lane equipment to increase reliability and modify the signal algorithm to account for the new east span bridge alignment, vehicle type and vehicle performance.

Contractor Selection Process: On April 30, 2019, BATA issued an Invitation for Bid (IFB) for the Project. BATA held two bidders conference on May 9, 2019 and June 5, 2019, during which staff provided project information and answered questions. On July 16, 2019, a single bid from St. Francis Electric, LLC was received at the public bid opening for the Project.

The SFOBB ML IFB allowed for a Small Business Enterprise (SBE) Bid Preference. St. Francis Electric did not request the SBE Bid Preference.

The bid is presented in the following table:

Bidder	Location	Total Bid Amount (A)	SBE Bid Preference	SBE Bid Preference Amount* (B)	Bid Rank (C)
St. Francis Electric, LLC.	San Leandro, CA	$8,987,000	0%	$8,987,000	1

**SBE Bid Preference Amount is used solely for the purpose of determining the lowest bid.*

Issues:

BATA received a single bid, which is 10% over the engineer's estimate of $8,176,850, despite staff having performed extensive outreach to contractors prior to bid opening including:

- Contacting twelve electrical contractors in March 2019 via phone, email or both to inform contractors about the Project and the upcoming opportunity.
- Contacting the same contractors again with additional effort about three weeks prior to bid opening.

Possible reasons for lack of contractor participation include:

- High profile project in a high profile location
- Considerable night work
- Contractor resources not available and/or already committed to other projects
- Since the Project requires several different skill sets, prime contractors would have to subcontract more work
- There is not a significant amount of field construction work, but there is a substantial amount of field equipment installation. Prime contractors may be looking for more field construction work.

Staff has reviewed the bid and has found the bid, while greater than expected, to be responsive, Attachment A includes a summary of St. Francis Electric and its project team's small business and disadvantaged business enterprise status.

Recommendation:

Staff recommends that the Committee authorize the Executive Director or designee to award a contract to St. Francis Electric, LLC in an amount not to exceed $8,987,000; and that a contract contingency of $1,500,000 be authorized to be used at the Executive Director, or his designee's discretion for changes not included in the scope of work for the SFOBB ML System Upgrade Project.

Attachments:

Attachment A – Small Business and Disadvantaged Business Enterprise Status; and
Request for Committee Approval – Summary of Proposed Contract Amendment Sheet

Therese W. McMillan

Attachment A

Small Business and Disadvantaged Business Enterprise Status

			DBE* Firm			SBE** Firm		
	Firm Name	**Role on Project**	**Yes**	**If Yes, List #**	**No**	**Yes**	**If Yes, List #**	**No**
Prime Contractor	St. Francis Electric, LLC	Prime			X			X
Subcontractor	Farwest Safety, Inc.	Traffic Control			X	X	6544	
Subcontractor	Jeffco Painting & Coating Inc.	Clean and Paint Structural Steel			X	X	1592120	

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

**Denotes certification by the State of California.

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract

Work Item No.:	1251
Consultant:	St. Francis Electric, LLC San Leandro, CA
Work Project Title:	Construction Agreement between BATA and St. Francis Electric, LLC, Inc. for the construction of the San Francisco-Oakland Bay Bridge Metering Lights (SFOBB ML) System Upgrade Project
Purpose of Project:	The Project's objective is to reduce congestion and travel time on San Francisco-Oakland Bay Bridge and in the westbound I-80/580/880 corridor by installing an adaptive metering system.
Brief Scope of Work:	The Project's scope of work includes upgrading the existing mainline metering system. The upgraded system will be integrated into the Caltrans Advanced Traffic Management System that resides at the Caltrans Traffic Management Center. The mainline metering lights system upgrade will consist of the following: Installation of new vehicle detection system, controllers, new fiber optic cable and cabinets.· Provide for redundancy of the ML system in the event of failure· Installation of three new variable message signs on the existing mainline metering lights structure.
Project Cost Not to Exceed:	$8,897,000, plus a contingency of $1,500,000
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	Funds are included in the FY 2019-20 Toll Bridge Rehabilitation Program Budget
Motion by Committee:	That the Executive Director or designee is authorized to enter into a contract with St. Francis Electric, LLC for the construction of the SFOBB ML System Upgrade Project described above and in the BATA Oversight Committee Summary Sheet dated September 4, 2019 and the Chief Financial Officer is authorized to set aside $8,987,000 for such construction agreement, and $1,500,000 for a contract contingency.
BATA Oversight Committee:	_____ Amy R. Worth, Chair
Approved:	September 4, 2019