

Bay Area Infrastructure Financing Authority (BAIFA)

October 23, 2019

Agenda Item 2c

Contract Amendment – I-880 Express Lanes Construction – On-Call Construction Management Services: Zoon Engineering, Inc. (\$900,000)

Subject: This item requests Committee approval to enter into a contract amendment with Zoon Engineering, Inc. (Zoon) in an amount not to exceed \$900,000 for on-call construction management services to provide continuing construction management services for the I-880 Express Lanes Project (Project).

Background: The I-880 Express Lanes Project (Project) will convert the existing I-880 high-occupancy vehicle lanes to express lanes in Alameda County from Hegenberger Road to Dixon Landing Road in the southbound direction and from Dixon Landing Road to Lewelling Boulevard in the northbound direction. Civil work includes construction of new foundations for overhead signs, structures and lighting standards, installation of conduit and subsurface vaults, reconstruction of median barriers, restriping freeway lanes and paving. The Project also includes installation of fiber optics and establishing connections to partner agency fiber optics and leased-line services for the backhaul communications network.

The I-880 express lanes are currently projected to open in summer 2020, following completion of construction and toll system installation and testing. Civil and backhaul construction is substantially complete. The main remaining civil work involves paving and restriping. In addition, work is beginning on a \$3,000,000 contract change order (approved by BAIFA in June 2018) to install fiber lateral connections to connect Caltrans' freeway management equipment (closed circuit television cameras and changeable message signs) at up to 31 locations to the backhaul communications network. The toll system integrator has completed approximately 60% of its installation of roadside cabinets, toll system equipment in the median, variable toll message signs, CCTVs and connections of electrical and fiber conduits. Toll system testing is scheduled to begin in spring 2020.

The summer 2020 opening date represents a delay of a little more than one year. The delay is due primarily to delays in toll system installation resulting from challenges coordinating with civil construction and other construction projects on the corridor, weather, delays in equipment and materials and difficulty hiring qualified staff.

Contractor Selection Process: In February 2016, BAIFA authorized a contract with Zoon to provide construction management services for the Project and provide support staff to Caltrans for administration of the Caltrans median barrier contract, which installed certain express lanes civil infrastructure, and support for the BAIFA Express Lanes contract prior to advertisement. Zoon was selected on the basis of a competitive procurement from a bench of eight construction management firms pre-qualified for work

by BATA or other agencies including BAIFA. On March 22, 2017, BAIFA authorized an amendment for Zoon to act as the resident engineer for the civil construction and backhaul communications network projects and to also manage schedule coordination of the toll system integrator with the civil construction and backhaul communications network contractors for the Project.

Summary: This amendment would allow Zoon to continue providing construction management services to complete the Project in light of the added construction of laterals to Caltrans equipment and the extended implementation schedule.

The extended implementation schedule impacts other construction-related agreements including cooperative agreements with Caltrans for oversight during construction and with California Highway Patrol for Construction Zone Enhanced Enforcement Program (COZEEP) services. Staff is reviewing those agreements and will return to BAIFA to request budget increases as needed.

Attachment A includes a summary Zoon and its project team's small business and disadvantaged business enterprise status.

Issues: As noted in the most recent Express Lanes Program Quarterly Report (August 2019), there is continued risk of delay in toll system installation and testing. The most persistent risks are equipment delays, particularly LED lights for the variable message signs and difficulty hiring qualified staff due to the tight labor market. In addition, there remains a potential for delays from coordinating with the Caltrans paving contractor and from weather.

Recommendation: Staff recommends that the Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment with Zoon in an amount not to exceed \$900,000 to provide construction management services for the Project.

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



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	Zoon Engineering, Inc.	Construction/Project Management			X	X	58549	
Subcontractor	WRECO	Biological Monitoring Services	X	30066		X	60800	
Subcontractor	Park Engineering, Inc.	Construction Inspection	X	41711		X	1757722	
Subcontractor	MNS Engineers, Inc. (formerly S&C Engineers, Inc.)	Construction Management Services			X			X
Subcontractor	Alta Vista	Construction Staking & Materials Testing			X			X

* 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.:	6844
Consultant:	Zoon Engineering, Inc. Emeryville, CA
Work Project Title:	On-Call Construction Management Services: I-880 Express Lanes Project Construction Management and Administration
Purpose of Project:	To complete construction management and construction administration services for the I-880 Express Lanes Project in Alameda County.
Brief Scope of Work:	Consultant shall perform construction management and construction administration in accordance with BAIFA and Caltrans standard guidelines for the I-880 Express Lanes Project in Alameda County.
Project Cost Not to Exceed:	\$900,000 this amendment Total contract amount before this amendment: \$5,980,000 Total approved contract amount with this amendment: \$6,880,000
Funding Source:	BAIFA Capital Project
Fiscal Impact:	Funding is included in the Capital Project Budget as adopted in the FY 2019-20 BAIFA Operating and Capital Budget (BAIFA Resolution No. 18)
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with Zoon Engineering, Inc. to perform construction management services for the I-880 Express Lanes Project in Alameda County, as described above and in the Bay Area Infrastructure Financing Authority Summary Sheet dated, October 23, 2019, and the Chief Financial Officer is authorized to set aside \$900,000 for such contract amendment.
Bay Area Infrastructure Financing Authority:	<hr/> Scott Haggerty, Chair
Approval:	Date: October 23, 2019