

Bay Area Toll Authority Oversight Committee

January 13, 2021

Agenda Item 4d - 20-1632

Contract Amendment – On-Call Toll Bridge Asset Management Program Support on Richmond-San Rafael Bridge: WSP USA Inc. (\$400,000)

Subject: A request for Committee approval to enter into a contract amendment with WSP USA Inc. (WSP) to provide additional support related to the load rating analysis for the Richmond-San Rafael Bridge (RSR).

Background: On April 11, 2018, this Committee approved the selection of a panel of pre-qualified consulting firms to provide on-call asset management program support for the seven state-owned toll bridges (“Bridges”) as the result of a Request for Qualifications (RFQ) issued by staff.

On October 10, 2018, this Committee authorized a contract with WSP for an amount not to exceed \$800,000 to provide asset management support for the RSR Bridge as the result of a mini-RFQ issued by staff. With those funds WSP developed an asset management plan incorporating performance gap, life-cycle, and risk management analyses. Staff presented the results of this work in June 2020.

On March 4, 2019, BATA and Caltrans committed to California Senator Mike McGuire and Assembly Member Marc Levine to analyze the bridge’s structural capacity to accommodate on the upper deck a third westbound lane for peak period traffic, with a movable barrier system for a bicycle and pedestrian path during non-peak hours.

Federal Highway (FHWA) had a separate, concurrent requirement that Caltrans perform a load rating (i.e., a determination of the live load carrying capacity) for the bridge in its current configuration using new FHWA guidelines.

Caltrans and BATA staff concurred that WSP was most qualified to perform this work because of WSP’s concurrent RSR asset management support, access to existing RSR structural analysis models, and staff availability. On April 3, 2019, this Committee authorized a contract amendment with WSP for \$1,500,000, with \$1,000,000 reserved for a load rating to 1) fulfill the Federal Highway Administration (FHWA) requirement of Caltrans; and 2) evaluate the bridge’s structural capacity to accommodate a third westbound traffic lane with a movable barrier system on the upper deck.


Caltrans reviewed WSP’s analysis and found the results indicate the need to perform localized structural improvements to meet the new FHWA

guidelines. Caltrans and staff concur WSP should refine the assumptions used in the load rating analysis and incorporate the improvements in the load rating model. This contract amendment would fund this additional work.

Funds for this work were approved in the Fiscal Year (FY) 2020-21 BATA budget. The work is necessary to complete the RSR load rating in compliance with FHWA requirements. WSP is neither a small business nor a disadvantaged business enterprise and has no subcontractors for this work.

Recommendation: Staff recommends that the Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment in an amount not to exceed \$400,000 with WSP.

Attachments: Request for Committee Approval – Summary of Proposed Contract Amendment


Therese W. McMillan

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract Amendment

Work Item No.:	1251
Consultant:	WSP USA Inc. (San Francisco, CA)
Work Project Title:	On-Call Toll Bridge Asset Management Program Support on Richmond-San Rafael Bridge
Purpose of Project:	Provide additional support related to the load rating of the Richmond-San Rafael Bridge.
Brief Scope of Work:	Provide additional support related to the load rating of the Richmond-San Rafael Bridge.
Project Cost Not to Exceed:	This contract amendment: \$400,000 Current contract amount before this amendment: \$2,100,000 Maximum contract amount after this amendment: \$2,500,000
Funding Source:	BATA Toll Bridge Rehabilitation Program Budget
Fiscal Impact:	Funds are included in the FY 2020-21 BATA Toll Bridge Rehabilitation Program Budget
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with WSP USA Inc. for asset management program support services described above and in the BATA Oversight Committee Summary Sheet dated January 13, 2021 and the Chief Financial Officer is directed to set aside \$400,000 for such contract amendment.
BATA Oversight Committee:	<hr/> Amy R. Worth, Chair
Approved:	January 13, 2021