

**Bay Area Toll Authority  
Oversight Committee**

**December 14, 2022**

**Agenda Item 4d**

**Contract Amendment – San Francisco-Oakland Bay Bridge West Spans Load Rating:  
Arup North America, Ltd. (\$50,000)**

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**Subject:**

This item would authorize the Executive Director or designee to negotiate and enter into a contract amendment with Arup North America, Ltd. (Arup) to provide design services to complete the load rating study of the San Francisco-Oakland Bay Bridge (SFOBB) West Spans in an amount not to exceed \$50,000 through September 30, 2023.

**Background:**

In compliance with Federal Highway Administration (FHWA) requirements, Caltrans is in the process of load rating all state bridges. In 2014, along with efforts to further the SFOBB West Span Bicycle, Pedestrian, and Maintenance Path Project and with the support of Caltrans, BATA contracted with Arup to prepare a load rating study of the West Spans of the San Francisco-Oakland Bay Bridge. The study identified localized areas for further study and possible retrofit. Caltrans has designed structural retrofits, primarily limited replacement of rivets with high-strength bolts and additional bracing, to bring the bridge into compliance with the load rating criteria. Caltrans has requested Arup review the designs and update the load rating study accordingly to the retrofitted conditions when construction is complete.

In June 2020, the BATA Oversight Committee initially approved a contract for Arup from the 2017 BATA Design Services and Construction Management Bench for this work. Attachment A includes a summary of Arup and its project team's small business and disadvantaged business enterprise status.

Due to coordination and supply chain issues, the design, fabrication and construction of the retrofit work has taken longer than originally anticipated. Construction is expected to be completed by September 30, 2023.

**Next Steps:**

To account for the delay and additional possible further design support during construction, staff recommends a contract amendment with Arup to provide design support to complete the Load Rating Study of the SFOBB West Spans in an amount not to exceed \$50,000. Funding for the amendment is budgeted in the Toll Bridge Rehabilitation Program.

**Issues:**

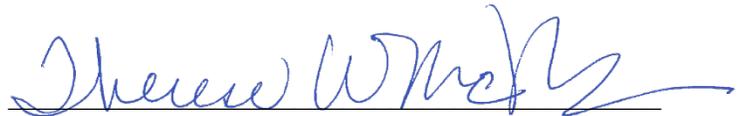
None identified.

**Recommendations:**

Staff requests that this Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment with Arup in an amount not to exceed \$50,000 to provide design support to complete the Load Rating Study of the San Francisco-Oakland Bay Bridge West Spans.

**Attachments:**

- Attachment A: Disadvantaged Business Enterprise and Small Business Enterprise Status
- Attachment B: Summary of Proposed Contract



Therese W. McMillan

**Attachment A: Disadvantaged Business Enterprise and Small Business Enterprise Status**

	<b>Firm Name</b>	<b>Role on Project</b>	<b>DBE* Yes / No</b>	<b>If DBE Yes, List #</b>	<b>SBE** Yes / No</b>	<b>If SBE Yes, List #</b>
Prime Contractor	Arup North America, Ltd.	Project Management; Engineering; Design	No		No	
Subcontractor	Mark Thomas	Engineering; Design	No		No	
Subcontractor	TJKM	Traffic Operations	Yes	40772	Yes	38780
Subcontractor	Iteris	ITS	No		No	
Subcontractor	DMA	Architecture	No		No	
Subcontractor	Einwiller Kuehl	Landscape	No		Yes	2029398
Subcontractor	Moffat & Nichol	Engineering; Design	No		No	
Subcontractor	ICF	Environmental	No		No	
Subcontractor	MGE	Special Provisions	Yes	8142	Yes	34538
Subcontractor	AmeriCost	Constructability, Cost Estimating	No		No	
Subcontractor	Towill, Inc.	Survey and Mapping	No		Yes	2013590
Subcontractor	Urban Design Consulting Engineers	Utilities	No		Yes	1010418
Subcontractor	HNTB	Engineering; Design	No		No	

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

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

## Request for Committee Approval

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### Summary of Proposed Contract Amendment

Work Item No.: 1251

Consultant: Arup North America, Ltd. (Arup)  
San Francisco, CA

Work Project Title: 2017 BATA Design Services Bench – Load Rating Study of the San Francisco-Oakland Bay Bridge West Spans

Purpose of Project: Load Rating of the San Francisco-Oakland Bay Bridge West Spans.

Brief Scope of Work: Consultant shall provide design services to BATA to update and complete the Load Rating Study of the San Francisco-Oakland Bay Bridge West Spans based on current as-built conditions.

Project Cost Not to Exceed: This amendment: \$50,000  
Current contract amount before this amendment: \$800,000  
Maximum contract amount after this amendment: \$850,000

Funding Source: BATA Toll Bridge Rehabilitation Program Funds

Fiscal Impact: Funds are included in the Toll Bridge Rehabilitation Program Budget for FY 2022-23.

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with Arup for services to support the Authority as described above and in the BATA Oversight Committee Summary Sheet dated December 14, 2022 and that the Chief Financial Officer is authorized to set aside \$50,000 for such contract amendment.

BATA Oversight Committee:

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Amy R. Worth, Chair

Approved: December 14, 2022