

**Bay Area Toll Authority  
Oversight Committee**

**January 10, 2024**

**Agenda Item 4g- 24-0059**

**Contract Amendment – On- Call Asset Management Services: Benicia-Martinez and Carquinez Toll Bridges Asset Management Support: HDR Engineering, Inc. (\$400,000)**

**Subject:**

A request for Committee approval to enter into a contract amendment with HDR Engineering, Inc. in an amount not to exceed \$400,000 to continue the asset management plan support services on the Benicia-Martinez and Carquinez bridges.

**Background:**

BATA requires a professional consulting firm to assist BATA and Caltrans staff with asset management support services on Benicia Martinez and Carquinez bridges. In May, 2022, the BATA Oversight Committee approved a contract with HDR Engineering for \$960,000 to provide initial asset management plan services for the older 1962 Benicia-Martinez and 1958 Carquinez bridge structures. In November, 2023, an amendment of \$200,000 was approved under Executive Director Authority. Work under the initial contract and amendment include funding life cycle cost analysis, preliminary fatigue analysis, risk and performing updates on existing asset management analysis on the two bridge structures and reports on other toll bridges for consistency.

This contract amendment provides additional funds to support the completion of life cycle cost analysis on the newer structures for both bridges: 2007 Benicia-Martinez and 2003 Carquinez. Efforts will include: project management support; developing life cycle cost analysis and documentation consistent with other completed analyses; quantifying risks to inform BATA's financial decision making; and assessment of all system elements for electrical, mechanical, navigation, piping and toll maintenance infrastructure and development of an inspection and maintenance plan.

**Consultant Selection Process**

In response to the 2022 Request for Qualifications (RFQ), staff received Statements of Qualifications (SOQs) from three consulting firms on the bench. An evaluation of the qualifications resulted in the selection of the top ranked firm HDR Engineering, Inc.

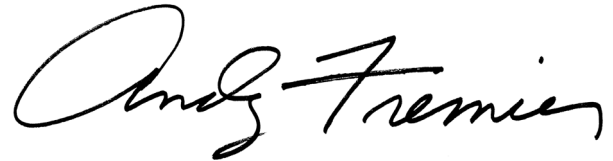
Attachment A includes a summary of HDR Engineer, Inc. and its project teams' small business and disadvantaged business enterprise status.

**Recommendation:**

Staff recommends this Committee authorize the Executive Director or his designees to negotiate and enter into a contract amendment with HDR Engineering, Inc. in an amount not to exceed \$400,000 to provide asset management support services for the above-mentioned project.

**Attachments:**

- Attachment A: HDR Small Business and Disadvantaged Business Enterprise Status
- Attachment B: Request for Committee Approval – Summary of Proposed Contract



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Andrew B. Fremier

Attachment A - HDR

Disadvantaged Business Enterprise and Small Business Enterprise Status

	Firm Name	Role on Project	DBE * Yes	If DBE Yes, List #	DBE No	SBE* * Yes	If SBE Yes, List #	SBE No
Prime Contractor	HDR Engineering, Inc.	Asset management support services			X			X
Subcontractor	Zoon Engineering	Mechanical, Electrical and Plumbing (MEP) assessment			X	X	58549	
Subcontractor	SEM, Inc	Heavy Electrical Infrastructure project management			X	X	1748098	
	Alta Vista Solutions	Materials engineering, inspection, and quality management			X			X
	Spy Pond Partners, LLC	asset management services in particular, to transportation agencies.			X			X
	Paul D. Thompson	Life cycle cost analysis			X			X

\*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**

Work Item No.: 1251

Vendor: HDR Engineering, Inc. (San Francisco, CA)

Work Project Title: Toll Bridge Asset Management Program Support for Benicia-Martinez and Carquinez Bridges

Purpose of Project: To provide Asset Management Program Support for Benicia-Martinez and Carquinez bridges

Brief Scope of Work: Support asset management plans, perform specialty bridge studies, and advise on long span bridge asset management

Project Cost Not to Exceed: \$400,000 this amendment  
Total contract amount before this amendment: \$1,160,000  
Total approved contract amount with this amendment: \$1,560,000

Funding Source: Toll Bridge Rehabilitation Program Funds

Fiscal Impact: Funds are included in the FY 2023-24 Toll Bridge Rehabilitation Program Budget

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with HDR Engineering, Inc. to provide toll bridge asset management services as described above and in the Executive Director's memorandum dated January 10, 2024, and the Chief Financial Officer is directed to set aside funds up to \$400,000 for this contract amendment.

BATA Oversight Committee:

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Federal D. Glover, Chair

Approval Date: Date: January 10, 2024