

**Bay Area Toll Authority
Oversight Committee**

March 13, 2024

Agenda Item 4d - 24-0257

**Contracts – On- Call Asset Management Services: HDR Engineering, Inc for Southern Toll
Bridges Asset Management Support: (\$1,600,000)**

Subject:

A request for Committee approval to enter into a contract with HDR Engineering, Inc. in an amount not to exceed \$1,600,000 to provide toll bridge asset management plan support services on the Southern Toll Bridges (San Francisco-Oakland Bay Bridge, San Mateo-Hayward Bridge, Dumbarton Bridge)

Background:

On January 6, 2021, BATA issued a Request for Qualifications (RFQ) to select a panel of pre-qualified consulting firms to provide on-call asset management program support for the seven state-owned toll bridges (“Bridges”). In response to the RFQ, the Committee authorized a bench of six consultants to provide BATA with Asset Management Support. On December 21, 2023, BATA issued an RFQ to the consultant bench seeking a team of subject matter experts to assist BATA and Caltrans staff with asset management for the Southern Toll Bridges (San Francisco-Oakland Bay Bridge, San Mateo-Hayward Bridge, Dumbarton Bridge). Efforts are similar to those already underway for the Northern Toll Bridges and will include Life Cycle Cost Analysis, cost estimating to inform BATA’s financial decision making, assessment of all system elements for electrical, mechanical, navigational, piping, and toll maintenance infrastructure and to perform specialty studies as needed. Studies may include, but are not limited to, analysis of structural steel painting, mechanical and electrical maintenance strategies, fatigue analysis, and other items of importance with long span bridges. Specialty studies may expand to include other bridges as necessary for consistency of analysis. The RFQ also included optional work for asset management support of the Yerba Buena Island Tunnel (part of the San Francisco–Oakland Bay Bridge corridor) and the Antioch Bridge toll crossing.

Procurement Process:

In response to the RFQ, staff received Statements of Qualifications (SOQs) from two consulting firms on the bench. An evaluation panel consisting of BATA and Caltrans staff reviewed the SOQs and scored them based on weighted evaluation criteria including: the firm’s and key staff’s

knowledge, expertise, and experience; approach to completing the project; resource availability of key staff and the team’s personnel; presentation, as evidenced in the written proposal, work sample; and interviews. The two firms in order, starting with the strongest, were HDR Engineering, Inc and Michael Baker International. Their scores were as follows:

Consultants	Overall Scoring
HDR Engineering, Inc	88
Michael Baker International	80

Following a comprehensive evaluation process, which included a review of the SOQs and interviews, all participating firms were found to be qualified. However, the evaluation panel reached a unanimous decision, recommending HDR Engineering, Inc as the highest-ranked firm. HDR Engineering, Inc was determined to be the most qualified firm, with a team that brings in-depth practical experience and technical knowledge related to asset management and bridge analysis. HDR is also under contract to BATA to provide similar asset management support for the Northern Toll Bridges; BATA approved this contract in May 2022 based on an RFQ issued to the bench. Attachment A includes a summary of the selected firm and its project teams’ small business and disadvantaged business enterprise status.

Recommendation:

Staff recommends that this Committee authorize the Executive Director or his designees to negotiate and enter into the following contracts for toll bridge asset management services on the Southern Toll Bridges, in an amount not to exceed \$1,600,000:

- with HDR Engineering, Inc, and, should the Executive Director or his designee fail to reach an agreement with this top ranked firm;
- with Michael Baker International.

Attachments:

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



Attachment A – HDR Engineering, Inc.

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	Mechanical, Electrical and Plumbing (MEP) assessment			X			X
	Spy Pond Partners, LLC	Life Cycle Cost Analysis and deterioration modeling asset management services,			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

Work Item No.: 1251

Vendor: HDR Engineering, Inc.

Work Project Title: Toll Bridge Asset Management Program Support for Southern Toll Bridges

Purpose of Project: To provide Asset Management Program Support for Southern Toll Bridges

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

Project Cost Not to Exceed: \$1,600,000

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 with HDR Engineering, Inc. or with Michael Baker International should the Executive Director or his designee fail to enter into a contract with HDR Engineering Inc., to provide toll bridge asset management services for the Southern Toll Bridges as described above and in the Executive Director's memorandum dated March 13, 2024, and the Chief Financial Officer is directed to set aside funds up to \$1,600,000 for this contract.

BATA Oversight Committee:

Federal D. Glover, Chair

Approval Date: March 13, 2024