

Bay Area Toll Authority
Oversight Committee

September 13, 2023

Agenda Item 4d - 23-1082

**Contract Amendment – Dumbarton Forward Operational Improvements Project On-Call
Design Services: HDR Engineering, Inc. (\$500,000)**

Subject:

Request for approval of a contract amendment with HDR Engineering, Inc. (HDR) to provide on-call design services to complete the final design phase for the Dumbarton Forward Operational Improvements Project in an amount not to exceed \$500,000.

Background:

The State Route 84 (Dumbarton Bridge) corridor has experienced significant increased traffic congestion prior to the pandemic and is expected to return to pre-pandemic conditions in the coming years. Travel in the corridor between Interstate 880 (I-880) and U.S. Highway 101 (US 101) is heaviest in the westbound direction during the AM peak period and in the eastbound direction during the PM peak period.

In 2017, the Metropolitan Transportation Commission (MTC), in partnership with the respective county transportation authorities, transit agencies, cities/counties, and businesses, conducted the Dumbarton Forward Design Alternatives Assessment to identify innovative near-term strategies to address traffic flow, increase person throughput and manage transportation demand. MTC prepared a Project Study Report-Project Development Support (PSR-PDS), which was approved by Caltrans in April 2019. Project elements in the PSR-PDS included:

- Part-time Bus-only Lane (PTBOL) pilot
- Signalization Improvements to Bayfront Expressway Intersections
- Reconfiguration of Eastbound SR 84/Thornton Avenue Off-Ramps
- Relocation of Ardenwood Park-Ride Bus Stops
- Improvements to Operations at the Dumbarton Bridge Toll Plaza

At the completion of the Caltrans-required PSR-PDS, staff determined that BATA should fund and implement the project delivery phase, which includes environmentally clearing the project, preparing a concept of operations for the PTBOL pilot, and developing plans, specifications, and estimates to advance the project to construction.

In December 2017, after a competitive procurement, the BATA Oversight Committee authorized the Executive Director to enter into contracts with eight firms, including HDR, to provide on-call design services. On December 11, 2018, BATA issued a Request for Qualifications (RFQ) to all eight pre-qualified firms to provide design and environmental services for the Dumbarton Forward Operational Improvements Project. On February 6, 2019, this Committee authorized a contract with HDR to provide design services for the Project.

As the project has progressed through the Caltrans project delivery process over the last several years, changes to the project scope have impacted the project schedule. This includes the elimination of some corridor improvements originally identified in the PSR-PDS, the implementation of Intelligent Transportation System (ITS) equipment, the addition of new design elements, and an update of the design using the Caltrans Construction Contract Standards that were recently released in July 2023. These services are beyond the scope of the current contract. As such, staff seeks an amendment to the HDR contract to cover these additional services and complete the final design phase of the project.

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

Issues:


None identified.

Recommendations:

Staff recommends that the Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment with HDR in an amount not to exceed \$500,000 to provide additional design services and to complete the Final Design phase for the completion of the Project.

Attachments:

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



Andrew B. Premier

Attachment A

Disadvantaged Business Enterprise and Small Business Enterprise Status

	Firm Name	Role on Project	DBE* Yes / No	If DBE Yes, List #	SBE** Yes / No	If SBE Yes, List #
Prime Contractor	HDR Engineering, Inc.	Project Management; Environmental; Traffic Operations; Civil Design; Concept of Operations	No		No	
Subcontractor	Fehr & Peers	Traffic Operations	No		No	
Subcontractor	Far Western Anthropological Research Group, Inc.	Cultural Analysis	No		No	
Subcontractor	JRP Historical Consulting LLC	Cultural Analysis	No		Yes	1509783
Subcontractor	Parikh Consultants, Inc.	Geotechnical Analysis	Yes	20259	Yes	9631
Subcontractor	Towill	Mapping/Surveys	No		No	
Subcontractor	HDR/WRECO	Water Quality; Sea Level Rise; Stormwater/Drainage Design	No		No	

*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.: 2662

Consultant: HDR Engineering, Inc.
Walnut Creek, CA

Work Project Title: On-Call Design Services: Dumbarton Forward Operational
Improvements Project

Purpose of Project: To provide environmental and design services for the Dumbarton
Forward Operation Improvements Project

Brief Scope of Work: Obtain environmental clearance, provide design services, and develop
concept of operations and standard operation procedures for the
Dumbarton Forward Operation Improvements Project

Project Cost Not to Exceed: This amendment – \$500,000
Current contract amount before this amendment – \$3,100,000
Maximum contract amount after the amendment – \$3,600,000

Funding Source: Toll Bridge Rehabilitation Program Funds

Fiscal Impact: Funding is included in the BATA budget for FY 2023-2024

Motion by Committee: That the Executive Director or designee is authorized to negotiate and
enter into a contract amendment with HDR to provide additional design
services as described above and in the BATA Oversight Committee
Summary Sheet dated September 13, 2023, and that the Chief Financial
Officer is authorized to set aside \$500,000 for such amendment.

BATA Oversight Committee: _____
Federal Glover, Chair

Approved: September 13, 2023