Bay Area Toll Authority
Oversight Committee

November 9, 2022 **Agenda Item 4c**

Contract Amendment – Dumbarton Forward Operational Improvements Project On-Call Design Services: HDR Engineering, Inc. ($300,000)

Subject:

Authorize a contract amendment with HDR Engineering, Inc. (HDR) for on-call design services in an amount not to exceed $300,000. These additional services are required to cover changes in project scope for the Dumbarton Forward Operational Improvements Project ("Project").

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 a Dumbarton Forward Design Alternatives Assessment of the Dumbarton Bridge corridor 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 on-call design services for the Project.

As the Project has progressed and advanced beyond conceptual designs, Caltrans has requested additional field elements (i.e., Intelligent Transportation Systems (ITS) equipment, such as variable message signs, electronic lane control signs, and video detections) be included in the Project. 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.

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 Engineering, Inc. in an amount not to exceed $300,000 to provide additional design services for the completion of the Project.

Attachments:

- Attachment A: Small Business and Disadvantaged Business Enterprise Status

Therese W. McMillan

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	Gray-Bowen-Scott	Policy; Concept of Operations; Standard Operating Procedures	No		No	
Subcontractor	Fehr & Peers	Traffic Operations	No		No	
Subcontractor	Far Western Anthropological Research Group, Inc.	Cultural Analysis	No		Yes	39874
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	WRECO	Water Quality; Sea Level Rise; Stormwater/Drainage Design	Yes	30066	Yes	60800

*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 – $300,000 Current contract amount before this amendment - $2,800,000 Maximum contract amount after the amendment - $3,100,000
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	Funding is included in the BATA budget for FY 2022-2023
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with HDR Engineering, Inc. to provide additional design services as described above and in the BATA Oversight Committee Summary Sheet dated November 9, 2022, and that the Chief Financial Officer is authorized to set aside $300,000 for such contract amendment.
BATA Oversight Committee:	
	Amy R. Worth, Chair
Approved:	November 9, 2022