

Bay Area Toll Authority Oversight Committee

September 9, 2020

Agenda Item 5b - 20-0272

Contract – Conversion of Northern Toll Bridges to Open Road Tolling: HDR Corporation (\$4,700,000)

Subject: This item requests Committee approval to enter into a contract with HDR Construction Control Corporation (HDR) in an amount not to exceed \$4,700,000 to plan and design the civil infrastructure for the conversion of the northern toll bridges (Antioch, Carquinez and Benicia-Martinez Bridges) to open road tolling (ORT), subject to approval of future BATA budgets. Should a contract not be able to be negotiated with HDR, then approval is requested to enter into a contract with AECOM Technical Services, Inc. (AECOM).

Background: As presented at the July 2020 BATA Oversight Committee, BATA is proceeding with a multi-phased All Electronic Tolling (AET) implementation plan at the state-owned toll bridges beginning with introduction of invoices expected in January 2021, and followed by ORT, with booths removed and cars driving under open tolling gantries. Accelerated by the COVID-19 pandemic and the suspension of cash toll collection, the design and implementation of the permanent conversion to AET is now underway.

This contract will plan and design the civil infrastructure for the final conversion of Antioch, Carquinez, and Benicia Martinez Bridges to ORT, which includes the removal of the existing toll booths and installation of new toll gantries. In the request for qualifications, BATA reserved the right to negotiate and amend into this contract at a later date the conversion of the Dumbarton and San Mateo-Hayward Bridges, subject to Committee approval. The expected benefits of removing the toll booths include: more efficient tolling, increased safety, decreased vehicle delay, and lower vehicle emissions. Construction is anticipated to begin in 2023.

Procurement Process

On June 15, 2020, BATA issued a Request for Qualifications (RFQ) to consultant firms on the 2017 Construction Management and Design Services Consultant Bench for the planning and design the project. By the submission due date of July 21, 2020, BATA received two Statements of Qualifications (SOQs) from AECOM and HDR.

Evaluation

SOQs were evaluated by a panel of two BATA staff members and an external review panelist from Caltrans. SOQs were scored using the following evaluation criteria as listed in the RFQ: Qualifications and Experience (25 points), Work Plan and Schedule (25 points), Understanding of the Project (25 points), Availability (15 points), and Presentation (10 points).

After a thorough review of the SOQs and the interviews and while both firms were qualified, the evaluation panel unanimously recommended HDR as the top ranked firm. The evaluation panel determined the HDR team to be most advantageous to BATA based on the team's extensive experience working on similar tolling projects in California and nationally; their understanding of the complexity of managing a multi-faceted program; and their depth of understanding of the project elements.

The following table shows the final scores of the two firms.

	AECOM	HDR
Total (100 points maximum)	79.3	85.3

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


The estimated cost of the planning and design of this project is \$4.7 million in total. For FY 2020-21, \$1,000,000 is budgeted for this contract in the Toll Bridge Rehabilitation Program. Staff plans to request the remaining Toll Bridge Rehabilitation Program funds in future BATA budgets.

As such, the full scope and future requests of the remaining \$3.7 million is subject to the approval of future BATA budgets. The project will be managed to produce usable work products based on budgeted funds as they are approved. Initial funded work includes preparing the project report, environmental documentation, and preliminary engineering.

Recommendation: Staff requests that this Committee authorize the Executive Director or designee to negotiate and enter into a contract with HDR in an amount not to exceed \$4,700,000 to plan and design the conversion of the northern toll bridges to open road tolling, subject to the approval of future BATA budgets.

Should the Executive Director or designee not be able to negotiate and enter into a contract with HDR, staff requests that this Committee authorize the Executive Director or designee to negotiate and enter into a contract with AECOM in an amount not to exceed \$4,700,000 to plan and design the conversion of the northern toll bridges to open road tolling, subject to the approval of future BATA budgets.

Attachments: Attachment A – Small Business and Disadvantaged Business Enterprise Status; and
Request for Committee Approval – Summary of Proposed Contract Sheet


Therese W. McMillan

Attachment A

Small Business Enterprise (SBE) and Disadvantaged Business Enterprise (DBE) Status

		DBE* Firm			SBE** Firm		
		Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	HDR			X			X
	Circlepoint			X	X	40528	
Subcontractor	Gray-Bowen-Scott			X			X
	Fehr & Peers			X			X
	Far Western Anthropological Research Group, Inc.			X	X	39874	
	JRP Historical Consulting LLC			X	X	1509783	
	Haygood & Associates	X	3171		X	2007900	
	Kimley-Horn			X			X
	Parikh Consultants, Inc.	X	20259		X	9631	
	Towill			X			X
	WRECO	X	30066		X	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

Work Item No.: 1251

Contractor: HDR Corporation
Walnut Creek, CA

Work Project Title: Planning and Design of ORT Conversion at the Northern Toll Bridges

Purpose of Project: To provide environmental design and project delivery services for open road tolling civil infrastructure at the Antioch, Benicia-Martinez, and Carquinez toll bridges

Brief Scope of Work: Obtain environmental clearance and provide design services for the ORT project

Project Cost Not to Exceed: \$4,700,000

Funding Source: Toll Bridge Rehabilitation Program Funds

Fiscal Impact: For FY 2020-21, \$1,000,000 is budgeted for this contract in the Toll Bridge Rehabilitation Program. The remaining funds are subject to the approval of future BATA budgets.

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract with HDR Corporation to provide design services as described above and in the BATA Oversight Committee Summary Sheet dated September 9, 2020 and the Chief Financial Officer is authorized to set aside funds in the amount of \$4,700,000 for such contract, subject to approval of future BATA budgets.

Should the Executive Director or designee not be able to negotiate and enter into a contract with HDR Corporation, that the Executive Director or designee is authorized to negotiate and enter into a contract with AECOM Technical Services, Inc. and the Chief Financial Officer is authorized to set aside funds in the amount of \$4,700,000 for such contract, subject to approval of future BATA budgets

BATA Oversight Committee:

Amy Worth, Chair

Approved: September 9, 2020