

Bay Area Toll Authority

Oversight Committee

May 14, 2025

Agenda Item 5a-25-0549

Open Road Tolling Update and Contract Actions:

- i. Contract Amendment – All-Electronic Tolling Implementation Program Management and Oversight: WSP USA, Inc. (\$3,000,000)**
- ii. Contract Amendment – Planning and Design of the Civil Infrastructure of the Northern Toll Bridges for the Conversion to Open Road Tolling: HDR, Inc. (\$3,665,000)**

Subject:

A status report on the program to transition from All Electronic Tolling (AET) to Open Road Tolling (ORT) on the seven State-owned bridges and requests for approval to authorize the Executive Director or designee to negotiate and enter into the following:

- (i) Contract amendment with WSP USA, Inc. (WSP) in an amount not to exceed \$3,000,000 to provide program management and oversight for the conversion of the seven state-owned bridges to ORT and to extend the contract for an additional four years.
- (ii) Contract amendment with HDR, Inc. (HDR) in an amount not to exceed \$3,665,000 for planning, design and construction support services of the civil infrastructure for the Northern (Antioch, Benicia-Martinez, Carquinez) Toll Bridges for the conversion to ORT and to extend the contract for two additional years, subject to approval of future BATA budgets.

Background:

In 2018, this Committee approved the transition of toll collection at the seven state-owned bridges to ORT. Updates and other contract approval actions were subsequently made in 2019, 2021, 2023 and 2024 for consultant support for program oversight and civil design, and to modify HOV policies to support ORT. ORT will include roadway improvements and the installation of new tolling equipment on new overhead gantries, which will allow the removal of toll booths and streamlining of tolling operations. The implementation of ORT will result in increased safety, more efficient tolling at toll plaza areas and a consistent regional experience for Bay Area travelers. In other regions, implementing ORT has also been shown to improve traffic flow and reduce vehicle emissions.

Program Update:

Since the last update to this Committee, progress has continued within all elements of the ORT program. Delivering this program requires three civil design firms, under contract with BATA, to work with Caltrans to environmentally clear and design the upgrades at the seven state-owned toll bridges. Construction of the overhead gantries and other civil-roadway components shall be delivered in partnership with Caltrans through the Construction Manager/General Contractor (CMGC) method. The CMGC contract is being administered by Caltrans and was awarded to Flatiron Construction in April 2023. The CMGC project delivery method is intended to result in faster project delivery with earlier cost certainty, construction cost savings, improved risk mitigation and innovative solutions. The delivery strategy improves the ability to deliver within budget and schedule while minimizing impact and delays to the traveling public, thus maximizing public safety. Construction is scheduled to start Summer 2025 at the Richmond-San Rafael (RSR) Bridge, subject to reaching agreement on price with the CMGC contractor, with major roadway work to beginning in the Fall.

Conversions to ORT at all seven toll bridges are anticipated to be complete by late 2028. The construction will be done in four packages, RSR, Northern Toll Bridges, Southern Toll Bridges (San Mateo and Dumbarton), and the San Francisco Oakland Bay Bridge. A procurement is currently underway for a toll system integrator (TSI) to design and install the ORT tolling system on all the new gantries to replace BATA's aging toll system. A future procurement for a construction manager for the ORT program is also under development.

Today's Actions:

i. Contract Amendment – All-Electronic Tolling (AET) Implementation Program
Management and Oversight: WSP USA, Inc. (\$3,000,000)

Staff is requesting approval to enter into a contract amendment with WSP in an amount not to exceed \$3,000,000 to provide program management and oversight for the conversion of the tolling operations at the seven state-owned bridges to ORT for an additional four years.

In September 2019, following a competitive procurement, this Committee approved a contract with WSP to assist BATA with the conversion of tolling operations at the seven state-owned toll bridges to AET, which was the precursor to ORT. WSP provides program management and oversight services, supporting BATA staff with design oversight and procurement of a new TSI along with coordinating program schedules and budgets involving a dozen contracts. WSP's expertise gained from previous ORT conversions at other toll agencies has been crucial to guiding the ORT program.

WSP's contract expires on December 31, 2025, and BATA will continue to need their services through the final ORT conversion, expected in late 2028. Over the next four years, WSP will continue providing program management services, and they will be critical in assisting BATA with the toll system design, testing and installation when the new TSI begins their work once they are under contract.. As such, staff is seeking an amendment to the WSP contract to support the project teams to complete the conversion to ORT at all seven toll bridges.

Attachment A-1 includes a summary of WSP and its project team's small business and disadvantaged business enterprise status.

ii. Contract Amendment – Planning and Design of the Civil Infrastructure of the Northern Toll Bridges for the Conversion to Open Road Tolling: HDR, Inc. (\$3,665,000)

Staff is requesting approval to enter into a contract amendment with HDR in an amount not to exceed \$3,665,000 for planning, design and construction support services of the civil infrastructure for the Northern (Antioch, Benicia-Martinez, Carquinez) Toll Bridges for the conversion to ORT and to extend the contract for two additional years to December 31, 2028.

In September 2020, after issuing a Request for Qualifications from the 2017 Construction Management and Design Services Consultant Bench, the BATA Oversight Committee approved entering into a contract with HDR for the design of the Northern Toll Bridges. HDR has completed preliminary roadway design and is working on completing environmental studies, and project approval documents, which are undergoing Caltrans review and approval. Concurrently, HDR has started working on the 65% design plans. Staff anticipates coming back to this Committee in June with an item requesting BATA to delegate authority to designated staff to approve a recommendation to Caltrans to approve the Project Study Report – Project Report and to direct staff to file the appropriate environmental document pursuant to the California Environmental Quality Act (CEQA). The project for the Northern Toll Bridges includes environmental clearances, removal of old tolling infrastructure (including toll booths and canopies), installing new toll gantries and associated civil infrastructure, and roadway improvements adjacent to the new toll gantries. Once the new TSI is under contract, HDR will complete the final designs for each bridge and will continue to provide design support during construction.

Due to a longer than anticipated project development and related toll system integrator procurement process, additional review and studies required from Caltrans and BATA to complete project plans

(including sign changes for the upcoming 2026 toll increase and changes to HOV operating rules) and additional scope to address changes to the project delivery method to CMGC, staff is seeking an amendment to the HDR contract to complete the planning and design work for the Northern Toll Bridges.

Attachment A-2 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:

- i. Contract amendment with WSP in an amount not to exceed \$3,000,000 to continue providing program management and oversight services for the conversion of the tolling operations at the seven state-owned bridges to ORT and to extend the contract for an additional four years; and
- ii. Contract amendment with HDR in an amount not to exceed \$3,665,000 for planning, design and construction support services of the civil infrastructure for the Northern (Antioch, Benicia-Martinez, Carquinez) Toll Bridges for the conversion to ORT and to extend the contract for two additional years, subject to approval of future BATA budgets.

Attachments:

- Attachment A-1 – WSP USA, Inc. Small Business and Disadvantaged Business Enterprise Status
- Attachment A-2 – HDR, Inc. Small Business and Disadvantaged Business Enterprise Status
- Request for Committee Approval Sheets – Summary of Proposed Contract Amendments
- Presentation

Andrew B. Fremier

Attachment A-1

WSP USA, Inc. Small Business and Disadvantaged Business Enterprise Status

	Firm Name	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	WSP USA, Inc.	Program Management			X			X
Subcontractor	Fagan Consulting, LLC	Technical Specifications and Toll System Oversight	X	43434				X
	Gray-Bowen-Scott	Program Management & Advising			X	X	CA DGS 1756291	

*Denotes certification by the California Unified Certification Program (CUCP).

**Denotes certification by the State of California.

Attachment A-2

HDR, Inc. - Firm Disadvantaged Business Enterprise (DBE) and Small Business Enterprise (SBE) Status

	Firm	Role on Project	DBE* Yes / No	If DBE Yes, List #	SBE** Yes / No	If SBE Yes, List #
Prime Contractor	HDR, Inc.	Environmental; Traffic Operations; Civil Design	No		No	
Subcontractor	Circlepoint	Environmental Review	No		Yes	40528
	Haygood & Associates	Landscaping	Yes	3171	Yes	2007900
	Kimley-Horn	Project Management and Engineering Design	No		No	
	Parikh Consultants, Inc.	Geotechnical Analysis	Yes	20259	Yes	9631
	Towill	Mapping/ Surveys	No		No	

Notes:

* Disadvantaged Business Enterprise Status certification by the California Unified Certification Program (CUCP)

** Small Business Enterprise Status certification by the State of California.

Request for Committee Approval

Summary of Proposed Contract Amendment

Work Item No.:	1252
Contractor:	WSP USA, Inc. San Francisco, CA
Work Project Title:	AET Implementation Program Management and Oversight
Purpose of Project:	To provide program management and oversight services for the conversion of the toll collection system for seven state-owned bridges to open road tolling.
Brief Scope of Work:	Provide program management and oversight, technical and strategic expertise, assist with the procurement of a new Toll System Integrator, and support BATA during the toll system design, testing and installation for an additional four years.
Project Cost:	This amendment: \$3,000,000 Current contract amount before this amendment: \$4,000,000 Maximum contract amount after the amendment: \$7,000,000
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	Funds are included in the FY 2024-25 BATA Toll Bridge Rehabilitation Budget.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with WSP USA, Inc. to provide continuing program management and oversight services as described above and in the BATA Oversight Committee Summary Sheet dated May 14, 2025 and the Chief Financial Officer is authorized to set aside funds in the amount of \$3,000,000 for such contract amendment.

BATA Oversight
Committee:

Margaret Abe-Koga, Chair

Approved: May 14, 2025

Request for Committee Approval

Summary of Proposed Contract Amendment

Work Item No.:	1251
Contractor:	HDR, Inc. Walnut Creek, CA
Work Project Title:	Planning and Design of the Civil Infrastructure of the Northern (Antioch, Benicia-Martinez, and Carquinez) Toll Bridges for the Conversion to ORT
Purpose of Project:	To provide environmental, design and construction support services for ORT civil infrastructure at the state-owned Northern Toll Bridges.
Brief Scope of Work:	Obtain environmental clearance and provide design and construction support services for the ORT project as required for two additional years.
Current Contract Amount:	\$10,105,000
Amendment Amount:	\$3,665,000
Revised Contract Amount:	\$13,770,000
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	For FY 2025-26, \$3,665,000 is budgeted for this contract in the Toll Bridge Rehabilitation Program, 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 Inc., to provide for design and construction support services and to extend the contract for two additional years, as described above and in the BATA Oversight Committee Summary Sheet dated May 14, 2025 and the Chief Financial Officer is authorized to set aside funds in the amount of \$3,665,000 for such contract, subject to approval of future BATA budgets.

BATA Oversight
Committee:

Margaret Abe-Koga, Chair

Approved:

May 14, 2025