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## ***Memorandum***

TO: BATA Oversight Committee

DATE: September 5, 2018

FR: Executive Director

W. I. 1251, 1256

RE: Yerba Buena Island Southgate Road Realignment Project – Funding Agreement Amendment: San Francisco County Transportation Authority (\$3,100,000) and Contract Amendment - On-Call Design Services: HDR Engineering Inc. (\$1,751,182)

This item would authorize a funding agreement amendment with the San Francisco County Transportation Authority (SFCTA) in an amount of \$3,100,000 and a contract amendment with HDR Engineering Inc. (HDR) for on-call design consultant services in an amount not to exceed \$1,751,182 for the Yerba Buena Island Southgate Road Realignment Project (the Project).

### **Background**

The Project proposes to realign the I-80 eastbound off-ramp from the new east span of the San Francisco-Oakland Bay Bridge (SFOBB) and Southgate Road on Yerba Buena Island (YBI) to improve mobility for pedestrians, bicyclists, and vehicles. The SFCTA evaluated the planned I-80 eastbound off-ramp configuration to be constructed as part of the SFOBB East Span Seismic Replacement Project and identified an alternative that better accommodates the new development on the island.

The base project funding for preliminary engineering, right-of-way and construction for the Project is primarily Federal Highway Bridge Program (HBP) funds, as matched by Prop 1B and BATA Toll Bridge Seismic Retrofit Program funds. BATA is directly funding the design of the contract via our on-call design services contract with HDR and SFCTA will advertise, award, and administer the construction of the project. BATA Bridge Toll Funds will only be used on toll eligible items on the Bay Bridge approach.

Project costs for the SFCTA and HDR scopes of work have increased since inception due to additional seismic program finishing work scope added to the Project and increasing base costs due to: 1) additional right-of-way acquisition costs and additional retaining wall costs to fit the project within the confines of the island; and 2) increasing unit prices based on discussions with Caltrans and the recent bidding climate. The current construction cost estimate for the Project has increased to \$33.7 million, \$8.8 million higher than the funding plan. SFCTA's proposed funding plan is to secure an additional \$7.6 million in available HBP funds and \$1.2 million in local match money where the fund source has not yet been identified. No additional Toll Bridge Seismic Retrofit Program funds would be used. The project is currently scheduled to be advertised in early 2019.

**Staff Request**

1. Staff is requesting Committee approval to amend the existing 2017 funding agreement with the SFCTA to add \$3,100,000 in new scope related to close out of the new east span of the SFOBB seismic project, including fencing and local roadway improvements. This scope is BATA Toll Bridge Seismic Retrofit Program eligible and budgeted funds have been set aside for the work. The Toll Bridge Program Oversight Committee approved this scope transfer as the most cost effective means of completing this finish work. The revised funding agreement would be revised to an amount not to exceed \$5,300,000 with funding from the Toll Bridge Seismic Retrofit Program.
2. Staff is also requesting Committee approval for a contract amendment with HDR to complete design of the project. In May 2017, the Committee authorized a contract with HDR based on a competitive procurement from the 2014 BATA On-Call Design Services Consultant Bench to provide design services for the project. Additional contract funds are needed to incorporate the additional seismic program scope and due to additional design work for updated retaining wall design and other changes necessary to satisfy right-of-way constraints and US Coast Guard requests. Staff is requesting a contract amendment with HDR for on-call design consultant services in an amount not to exceed \$1,751,182. This increase can be funded from \$100,000 in Toll Bridge Seismic Retrofit funds and the remaining from available Toll Bridge Rehabilitation program funds. The total design contract effort is now estimated at \$5,951,182. Attachment A includes a summary of HDR and its project team's small business and disadvantaged business enterprise status.

**Recommendation**

Staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a funding agreement amendment with SFCTA for SFOBB Corridor construction finishing work to be added to the Project in an amount of \$3,100,000. Furthermore, staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a contract amendment with HDR to perform on-call design consultant services for the Project in an amount not to exceed \$1,751,182 for a period ending June 30, 2019.



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Steve Heminger

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**Attachment A**  
**Small Business and Disadvantaged Business Enterprise Status**

Prime  
Contractor

Firm Name	Role on Project	DBE* Firm			SBE** Firm		
		Yes	DBE #	No	Yes	SBE #	No
HDR Engineering, Inc.	Design Services			X			X
Towill, Inc.	Ground Survey, Controls and Mapping, Right of Way Engineering			X			X
Parikh Consultants, Inc.	Geotechnical Testing, Analysis and Report	X	20259		X	9631	
Fehr & Peers	Traffic Forecasting and Traffic Operations Analysis			X			X
WRECO	Preliminary Drainage, SWDR, Hydrology and Hydraulics Report, Water Quality Studies	X	30066		X	60800	
Haygood & Associates	Structures Aesthetics Design, Landscape Concept and Arborist Evaluation, Visual Resources, Highway Planting and Irrigation	X	3171				X
Illingworth & Rodkin, Inc.	Noise and Air Quality Consultants			X	X	15604	
Geocon Consultants	Hazardous Materials Reports			X			X
JRP Historical Consulting, LLC	Cultural Resources/Section 106			X	X	1509783	

\*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.:	1251, 1256
Vendor:	HDR Engineering Inc. (HDR), Walnut Creek, California.
Work Project Title:	On-Call Project Design Services: Yerba Buena Island Southgate Road Realignment Project (the Project)
Purpose of Project:	To provide staffing to perform design services for the Project.
Brief Scope of Work:	Consultant shall perform design services in accordance with Caltrans Construction Manual and Caltrans Standard Specifications and Plans for the Project over a period ending June 30, 2019.
Project Cost Not to Exceed:	This amendment - \$1,751,182 Current contract amount before this amendment- \$4,200,000 Maximum contract amount after this amendment - \$5,951,182
Funding Source:	Toll Bridge Rehabilitation Program Funds and Toll Bridge Seismic Retrofit Program Funds
Fiscal Impact:	Funds for this amendment in the amount of \$1,651,182 are included in the Toll Bridge Rehabilitation Program budget for FY 2018-19. The balance of \$100,000 is included in the Toll Bridge Seismic Retrofit Capital Program Budget for FY 2018-19, as approved by the Toll Bridge Program Oversight Committee (TBPOC) June 21, 2018.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with HDR to perform design services for the Project, as described above and in the Executive Director's memorandum dated September 5, 2018; and that the Chief Financial Officer is directed to set aside funds in the amount of \$1,751,182 for such contract amendment.
BATA Oversight Committee:	<hr/> Amy R. Worth, Chair
Approved:	Date: September 12, 2018

REQUEST FOR COMMITTEE APPROVAL  
Summary of Funding Agreement Amendment

Work Item No.:	1256
Agency:	San Francisco County Transportation Authority (SFCTA)
Work Project Title:	Yerba Buena Island Southgate Road Realignment Project (the Project)
Purpose of Project:	Realign the I-80 eastbound off-ramp from the new east span of the San Francisco-Oakland Bay Bridge (SFOBB) and Southgate Road on Yerba Buena Island (YBI).
Brief Scope of Work:	SFCTA shall advertise, award and administer the Project
Funding Amount Not to Exceed:	This amendment - \$3,100,000 Current contract amount before this amendment- \$2,200,000 Maximum contract amount after this amendment - \$5,300,000
Funding Source:	Toll Bridge Seismic Retrofit Program Funds
Fiscal Impact:	Funds in the amount of \$3,100,000 are included in the Toll Bridge Seismic Retrofit Capital Program Budget for FY 2018-19, as approved by the Toll Bridge Program Oversight Committee (TBPOC) June 21, 2018.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a funding agreement with SFCTA for SFOBB Corridor construction finishing work to be added to the Project, as described above and in the Executive Director's memorandum dated September 5, 2018; and the Chief Financial Officer is directed to set aside funds in the amount of \$3,100,000 for such funding agreement amendment.
BATA Oversight Committee:	<hr/> Amy R. Worth, Chair
Approved:	Date: September 12, 2018