

Bay Area Toll Authority Oversight Committee

June 12, 2019

Agenda Item 4c

Yerba Buena Island Southgate Road Realignment Project – Funding Agreement Amendment: San Francisco County Transportation Authority (\$1,683,200) and Contract Amendment - On- Call Design Services: HDR Engineering Inc. (\$1,600,000)

Subject: This item would authorize a funding agreement amendment with the San Francisco County Transportation Authority (SFCTA) in an amount of \$1,683,200 and a contract amendment with HDR Engineering Inc. (HDR) for on-call design consultant services in an amount not to exceed \$1,600,000 for the Yerba Buena Island Southgate Road Realignment Project (the Project), subject to the approval of the FY 2019-20 BATA budget.

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 and 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. SFCTA will advertise, award and administer the construction of the project. BATA Bridge Toll Funds will be used only on toll eligible items on the Bay Bridge approach.

Project costs for the SFCTA and HDR scopes of work have increased by \$1,683,200 and \$1,600,000 respectively since inception of the current concept design in 2016 due to scope added to finish out the seismic program 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 project cost estimate is \$52 million with funding from various sources. SFCTA has been successful in securing additional HBP capital funding and Treasure Island Development Authority (TIDA) funding for the project. The project is currently scheduled to be advertised in 2019. Staff is requesting BATA toll bridge rehabilitation funds for additional design support funds to cover the refined design and design services during construction and additional capital funds for the refined design.

1. Staff is requesting Committee approval to amend the existing 2017 funding agreement with the SFCTA to add \$1,683,000 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 and Toll Bridge Rehabilitation Program eligible and budgeted funds have been set aside for the work. The revised funding agreement would be revised to an amount not to exceed \$6,983,000.

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, site investigations, 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 requirements. Staff is requesting a contract amendment with HDR for on-call design consultant services in an amount not to exceed \$1,600,000. This increase can be funded from Toll Bridge Rehabilitation program funds. The total design contract effort, including design support during construction, is now estimated at \$7,551,182. 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 designee to negotiate and enter into a funding agreement amendment with SFCTA in an amount of \$1,683,200, subject to the approval of the FY 2019-20 BATA budget. 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 \$1,600,000 for a period ending June 30, 2020, subject to the approval of the FY 2019-20 BATA budget.

Attachments:

- Southgate Project Estimate and Funding Table
- Illustration of Proposed Southgate Road Project
- Attachment A – Small Business and Disadvantaged Business Enterprise Status
- Request for Committee Approval Sheets – Summary of Proposed Funding Agreement and Contract Amendment


Therese W. McMillan

Southgate Project Estimate and Funding

	HBP Funding (Current)	Prop 1B Funding (Current)	TIDA Funding (Current)	BATA Toll Seismic and Rehab Funding (Current)	BATA Toll Seismic and Rehab Funding (Requested)	BATA Toll Seismic and Rehab Funding (Revised)	Total
Design Support							
Design Services (BATA/HDR)				5,951,182	1,600,000	7,551,000	7,551,000
Design Oversight (SFCTA/CT)				1,042,282	950,000	1,992,282	1,992,282
Construction Support (SFCTA/CT)	3,934,288	75,702	350,000	613,026	61,155	674,181	5,034,171
Right-of-Way Capital	3,629,730	114,700	500,000	1,000,000	355,570	1,355,570	5,600,000
Construction Capital	24,956,131	1,958,043	2,050,000	2,644,692	316,474	2,961,166	31,925,340
Totals	32,520,149	2,148,445	2,900,000	11,251,182	3,283,017	14,464,199	52,102,793

Illustration of Proposed Southgate Road Project



Attachment A
Small Business and Disadvantaged Business Enterprise Status

Firm Name	Role on Project	DBE* Firm			SBE** Firm		
		Yes	DBE #	No	Yes	SBE #	No
HDR Engineering, Inc. (Prime Contractor)	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	
WHM Corporation	Preliminary Investigations			X	X	53957	

*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, 2020.

Project Cost Not to Exceed: This amendment: \$1,600,000
Current contract amount before this amendment: \$5,951,182
Maximum contract amount after this amendment: \$7,551,182

Funding Source: Toll Bridge Rehabilitation Program Funds

Fiscal Impact: Funds for this amendment in the amount of \$1,600,000 are included in the Toll Bridge Rehabilitation Program Budget for FY 2019-20, subject to approval.

Motion by Committee: That the Executive Director or 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 BATA Oversight Committee Summary Sheet dated June 12, 2019; and that the Chief Financial Officer is directed to set aside funds in the amount of \$1,600,000 for such contract amendment, subject to the approval of the FY 2019-20 BATA budget.

BATA Oversight Committee:

Amy R. Worth, Chair

Approved: Date: June 12, 2019

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: \$1,683,200 Current contract amount before this amendment: \$5,300,000 Maximum contract amount after this amendment: \$6,983,200
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	Funds in the amount of \$1,683,200 are included in the Toll Bridge Rehabilitation Program Budget for FY 2019-20, subject to approval.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a funding agreement amendment with SFCTA for SFOBB Corridor construction finishing work to be added to the Project, as described above and in the BATA Oversight Committee Summary Sheet dated June 12, 2019; and the Chief Financial Officer is directed to set aside funds in the amount of \$1,683,200 for such funding agreement amendment, subject to the approval of the FY 2019-20 BATA budget.
BATA Oversight Committee:	

Amy R. Worth, Chair

Approved: Date: June 12, 2019