

# Bay Area Toll Authority Oversight Committee

March 11, 2020

Agenda Item 4c

## **Funding Agreement Amendment – Yerba Buena Island Southgate Road Realignment Project Construction: San Francisco County Transportation Authority (\$6,220,700); and Contract Amendment – On-Call Design Services: HDR Engineering Inc. (\$1,500,000)**

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**Subject:** This item would authorize a funding agreement amendment with the San Francisco County Transportation Authority (SFCTA) in an amount of \$6,220,700 and a contract amendment with HDR Engineering Inc. (HDR) for on-call design consultant services in an amount not-to-exceed \$1,500,000 for the Yerba Buena Island Southgate Road Realignment Project (the Project).

**Background:** The Project will realign the I-80 eastbound off-ramp to Yerba Buena Island (YBI) from the San Francisco-Oakland Bay Bridge (SFOBB) just past the tunnel and Southgate Road on YBI to improve mobility for pedestrians, bicyclists, and vehicles. Attachment B includes an illustration of the project.

Funding for the Project is primarily Federal Highway Bridge Program (HBP) funds with match from Proposition 1B and BATA Toll Bridge Seismic Retrofit and Rehabilitation Program funds. BATA is directly funding the design of the contract via our on-call design services contract with HDR and is funding SFCTA for project construction and construction administration. BATA Bridge Toll Funds will be used only on toll eligible items.

SFCTA advertised the project for construction in November 2019 and opened bids on January 14, 2020. Four bids for the Project were received as follows:

	Total Bid Items
Engr. Estimate	\$ 26,725,311.05
1. Gordon Ball	\$ 28,186,848.80
2. Ghilotti	\$ 29,684,452.46
3. DeSilva	\$ 35,555,486.29
4. GSB	\$ 35,845,715.45

All bids received were higher than the engineer's estimate. The higher than estimated bids have been evaluated by SFCTA and likely attributable to the tight construction and labor market and access challenges to construction on an island and steep slopes in the area. Increased construction administration support is also anticipated.

Further, since the Project includes federal funds, SFCTA was mandated to follow federal requirements for this procurement including the establishment of a Disadvantaged Business Enterprise (DBE) goal. Accordingly, a 16% DBE goal was established for the construction contract. At this time, the lowest bidder does not appear to have met the good faith effort to meeting the DBE goal. Thus, while SFCTA is determining the lowest responsive bidder, SFCTA has requested additional Toll Bridge Rehabilitation Program funds sufficient to award the contract to either of the two lowest bidders. Additional funds will be needed for HDR to provide design support during construction and final as-builts.

Once the Project is under contract, construction is anticipated to take approximately two years and will have major impacts to the area that will limit access through the area. Bike/pedestrian access from the SFOBB bike path to YBI and Treasure Island will be restricted during active weekday construction. On weekends, bikes will have access through the project site. In addition, a shuttle will provide access to points on Yerba Buena and Treasure islands.


Assuming the second lowest bidder and a 10% construction contingency, the forecasted total project cost estimate is \$61 million. As the Project will be contracted by SFCTA, the SFCTA is ultimately responsible for the Project. In addition to prior funding, SFCTA has been successful in securing additional Treasure Island Development Authority (TIDA) funding for the Project. SFCTA has requested additional BATA toll bridge rehabilitation funds for the Project. Staff is recommending the following:

1. Staff is requesting Committee approval to amend by \$6,220,700 the existing 2017 funding agreement with the SFCTA for a total not-to-exceed amount of \$13,203,900 to fund construction, right-of-way and construction administration of the project. 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.
2. Staff is also requesting Committee approval to extend and amend by \$1,500,000 the HDR design services contract to a not-to-exceed contract amount of \$9,051,182 to provide additional design support during construction and for the creation of as-builts. 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. Attachment B includes a summary of HDR and its project team's small business and disadvantaged business enterprise status. 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.

**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 \$6,220,700. Furthermore, staff recommends that the Committee authorize the Executive Director or her 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 \$1,500,000.

**Attachments:**

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

  
Therese W. McMillan

### Attachment A: Southgate Project Estimate and Funding

	<b>HBP Funding (Current)</b>	<b>Prop 1B Funding (Current)</b>	<b>TIDA Funding (Current)</b>	<b>BATA Toll Seismic and Rehab Funding (Current)</b>	<b>BATA Toll Seismic and Rehab Funding (Requested)</b>	<b>BATA Toll Seismic and Rehab Funding (Revised)</b>	<b>Total</b>
<b>Design Services (BATA/HDR)</b>				7,551,182	1,500,000	9,051,182	9,051,182
<b>Design Oversight (SFCTA/CT)</b>				2,552,932	0	2,552,932	2,552,932
<b>Construction Support (SFCTA/CT)</b>	3,934,288	75,702	350,000	674,181	1,994,294	2,668,475	7,028,465
<b>Right-of-Way Capital (SFCTA)</b>	3,629,730	114,700	500,000	1,355,570	380,000	1,735,570	5,980,000
<b>Construction Capital (SFCTA)</b>	<u>24,956,131</u>	<u>2,084,213</u>	<u>3,150,000</u>	<u>2,400,517</u>	<u>3,846,406</u>	<u>6,246,923</u>	<u>36,437,267</u>
<b>Subtotal (SFCTA)</b>	<u>32,520,149</u>	<u>2,274,615</u>	<u>4,000,000</u>	<u>6,983,200</u>	<u>6,220,700</u>	<u>13,203,900</u>	<u>51,998,664</u>
<b>Totals</b>	32,520,149	2,274,615	4,000,000	14,534,382	7,720,700	22,255,082	61,049,846

## Attachment B: Illustration of Proposed Southgate Road Project



**Attachment C**  
**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. <b>(Prime Contractor)</b>	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 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 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: \$6,220,700 Current contract amount before this amendment: \$6,983,200 Maximum contract amount after this amendment: \$13,203,900
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	Funds in the amount of \$6,220,700 are included in the Toll Bridge Rehabilitation Program Budget for FY 2019-20.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a funding agreement amendment with SFCTA for construction, right of way, and construction administration for the Project, as described above and in the BATA Oversight Committee Summary Sheet dated March 11, 2020; and the Chief Financial Officer is directed to set aside funds in the amount of \$6,220,700 for such funding agreement amendment.
BATA Oversight Committee:	

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Amy R. Worth, Chair

Approved: Date: March 11, 2020

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, 2023.

Project Cost Not-to-exceed: This amendment: \$1,500,000  
Current contract amount before this amendment: \$7,551,182  
Maximum contract amount after this amendment: \$9,051,182

Funding Source: Toll Bridge Rehabilitation Program Funds

Fiscal Impact: Funds for this amendment in the amount of \$1,500,000 are included in the Toll Bridge Rehabilitation Program Budget for FY 2019-20.

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 March 11, 2020; and that the Chief Financial Officer is directed to set aside funds in the amount of \$1,500,000 for such contract amendment.

BATA Oversight Committee:

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Amy R. Worth, Chair

Approved: Date: March 11, 2020