



Agenda Item No. (3)

To: Building and Operating Committee/Committee of the Whole
Meeting of December 18, 2025

From: John R. Eberle, District Engineer
Denis J. Mulligan, General Manager

Subject: **APPROVE ACTIONS RELATIVE TO PROFESSIONAL SERVICES
AGREEMENT NO. 2010-B-1, DESIGN SERVICES FOR THE GOLDEN
GATE BRIDGE SEISMIC RETROFIT PHASE IIIB, WITH HDR
ENGINEERING, INC.**

Recommendation

The Building and Operating Committee recommends that the Board of Directors approve the following actions relative to Professional Services Agreement (PSA) No. 2010-B-1, *Design Services for the Golden Gate Bridge Seismic Retrofit Phase IIIB*, with HDR Engineering, Inc., as follows:

1. Authorize execution of the Seventeenth Amendment to PSA No. 2010-B-1, in an amount not-to-exceed \$21,703,500, for engineering support services during construction of the Golden Gate Suspension Bridge Seismic Retrofit Contract 1 – North and South Towers and North and South Side Spans, subject to the Golden Gate Bridge, Highway and Transportation District (District) receiving the California Department of Transportation (Caltrans) approval of the amendment prior to its execution; and,
2. Authorize establishing a contingency, in the amount of \$2,170,350, for this amendment.

Sufficient funds for this amendment and its contingency are included in the budget for Project #2520, *Golden Gate Suspension Bridge Towers and Side Spans Seismic Retrofit Construction*.

This matter will be presented to the Board of Directors at its December 19, 2025, meeting for appropriate action.

Summary

On November 17, 2010, the District Board of Directors, by Resolution No. 2009-070, authorized execution of a Professional Services Agreement (PSA), PSA No. 2010-B-1, with HDR Engineering, Inc. (HDR), Walnut Creek, CA, to design and prepare construction bid documents for the Golden Gate Bridge Seismic Retrofit Phase IIIB. The project has since been renamed the *Golden Gate Suspension Bridge Towers and Side Spans Seismic Retrofit Construction* and includes the retrofit of the Suspension Bridge.

On October 24, 2025, the Board of Directors, by Resolution No. 2025-070 authorized the award of a contract to construct the *Golden Gate Suspension Bridge Seismic Retrofit, Contract 1 – North and South Towers and North and South Side Spans*, Contract No. 2025-B-052, to Halmar International, LLC. Contract No. 2025-B-052 involves construction of the seismic retrofit of the Suspension Bridge's two main towers and two side spans, including the following:

- Retrofit of the main towers' leg base
- Retrofit of the main towers' roadway strut
- Strengthening of the stiffening trusses
- Retrofit of the suspender rope supports
- Floor beam strengthening and modifications
- Cross strut lateral retrofit
- Transverse kicker strengthening
- Replacement of the top lateral bracing
- Retrofit of the bottom lateral bracing
- Removal of the existing floor beam central struts
- Removal of the existing outrigger truss
- Installation of new longitudinal struts
- Replacement of roadway thermal expansion finger joints with isolation deck joints
- Installation of 28 solid state Energy Dissipation Devices (EDD)
- North and South Pylon interface strengthening
- Main tower interface strengthening
- Windlock support retrofit
- Replacement of select roadway deck support pedestals
- Rocker link retrofit
- Installation of new access systems
- Cleaning and painting of structural steel, including lead paint abatement
- South Tower façade repairs and painting the South Tower above the roadway
- Installation of temporary platforms for construction access
- Utility modifications required to accommodate the retrofit
- Bridge lane closures and traffic control on local roads leading to the Bridge to accommodate both the public and the construction traffic
- Maintaining pedestrian and bicycle access on the Bridge sidewalks and the roads and trails leading to the Bridge
- Compliance with the National Park Service Special Use Permit requirements and environmental permit requirements

The construction work will take approximately six years to complete.

Contract No. 2025-B-052, is federally funded, and the District follows the rules and procedures set forth in the Caltrans Local Assistance Procedures Manual (LAPM) for federally assisted projects. In conformance with the LAPM, the District has developed a Project Management Plan for the construction of the Project. This plan states that administration and management of Contract No. 2025-B-052 by the District will require engagement of consultants for the following services:

- I. Construction Engineering (Design) Support
- II. Environmental Compliance Monitoring (ECM)

- III. Materials Quality Assurance Sampling and Testing
- IV. Scheduling and Claim Support
- V. Supplemental Field and Fabrication Inspection Support

Consistent with established engineering practice, and as referenced in the PSA with HDR, the administration and management of the *Golden Gate Suspension Bridge Towers and Side Spans Seismic Retrofit Construction* Project will require that the design consultant provide engineering support services during construction of the Project. Such services will consist of: (1) reviewing and recommending approval of Contractor's technical submittals, working drawings, and requests for substitutions; (2) preparing written responses to Contractor's requests for information regarding the design; (3) providing recommendations for the resolution of different site condition issues during construction; (4) attending virtual and in-person meetings with District staff and the construction contractor to review work plans; (5) observation of the wear-in operations for the energy dissipation devices; (6) observations of the energy dissipation device installation; (7) preparing plans and specifications for construction contract change orders covering changes to the structural and other construction details; (8) implementing and managing document controls for the eBuilder software system; (9) providing a Qualified Architectural Historian to comply with the environmental requirements of the Project, and (10) contract project management and administration. HDR, as the consultant responsible for the design, is uniquely qualified and capable to perform the design engineering support services during construction.

Engineering staff requested, and HDR provided, a cost proposal for the above scope of work and negotiated with HDR a not-to-exceed price of \$21,703,500. Engineering staff has determined that this not to-exceed price is reasonable in terms of HDR's budgeted labor hours to perform the requested scope of work and the billing rates are consistent with HDR's audited labor and overhead billing rates, as well as cost data for engineering support services provided by consultants for other similar District projects. HDR will be compensated for actual time expended and expenses incurred plus a fixed fee, up to the authorized not-to-exceed amount.

On October 3, 2025, the United States Department of Transportation issued an Interim Final Rule (IFR) regarding the Disadvantaged Business Enterprise (DBE) Program, which removes DBE goals and suspends the counting of DBE participation until all firms are reevaluated and recertified under the new DBE certification standards found in § 26.111 of the IFR. As a result, DBE participation is not associated with this amendment; however, small business participation of 2.3% is anticipated.

In accordance with the Federal Highway Administration (FHWA) and the Caltrans requirements for federal aid fund participation, prior to execution of a professional services contract and amendment financed by federal funds, such contract must be approved by Caltrans. Caltrans approval of the contract is contingent upon audit or review of the consultant's proposal and accounting system by the Caltrans' Audits and Investigations Division to verify that the consultant's accounting systems, rates, knowledge of FHWA's cost eligibility, documentation requirements, and proposed contract language are satisfactory and, in case of any deficiencies, to correct these deficiencies.

Engineering staff recommends that the Building and Operating Committee recommend that the Board of Directors approve authorizing execution of the Seventeenth Amendment to PSA No. 2010-B-1, *Design Services for the Golden Gate Bridge Seismic Retrofit Phase IIIB*, in an amount

not-to-exceed \$21,703,500, for providing engineering support services during construction of the *Golden Gate Suspension Bridge Seismic Retrofit Contract 1 – North and South Towers and North and South Side Spans*, as presented in this report, subject to the District receiving Caltrans' approval of the amendment prior to its execution. Staff also recommends that an amendment contingency in the amount of \$2,170,350 be established for any additional or changed scope of services that may develop while work proceeds.

Fiscal Impact

Project #2520, *Golden Gate Suspension Bridge Towers and Side Spans Seismic Retrofit Construction*, is included in the FY 25/26 Bridge Division Capital Budget in the amount of \$1,011,726,000 and is funded with \$395,729,984 in federal Bridge Investment Program (BIP) funds, \$200,000,000 in Caltrans Federal Highway Bridge Program (HBP) funds, and \$415,996,016 in District reserves. The construction budget for Project #2520 includes a budget in the amount of \$55,500,000 for consultant services, which include the Construction Engineering Support Services. Sufficient funds are available in the Project #2520 budget to fund the \$21,703,500 cost of Amendment Seventeen to PSA No. 2010-B-1 and the \$2,170,350 amendment contingency, for a total amount of \$23,873,850.

Table 1 below shows the history of PSA No. 2010-B-1.

Table 1: History of PSA No. 2010-B-1

	DATE APPROVED	DESCRIPTION	AMOUNT
PSA No. 2010-B-1	11/17/2010	Original Contract PSA No. 2010-B-1, Phase IIIB Design Services; Resolution No. 2009-070	\$18,258,232
1 st Amendment	10/3/2012	Wind-Lock Repair Design; (under the GM authority)	\$24,576
2 nd Amendment	7/3/2013	Additional Wind-Lock Repair Design; (under the GM authority)	\$11,449
3 rd Amendment	9/26/2013	No cost time extension	\$0
4 th Amendment	3/4/2015	EDD Testing, Resolution No. 2015-008	\$1,521,789
		Additional EDD Testing; (under the GM authority)	\$152,034
1 st Addendum to 4 th Amendment	1/25/2016	Total 4 th Amendment	\$1,673,823
5 th Amendment	10/9/2015	Bid support during advertising period of the Wind Retrofit, Contract No. 2016-B-1, Resolution No. 2015-090	\$70,469

	DATE APPROVED	DESCRIPTION	AMOUNT
		Actual Spent	\$45,160
		Remaining Balance reallocated to 2 nd Addendum to 7 th Amendment, Resolution No. 2020-028	(\$25,309)
6 th Amendment	12/31/2016	No cost time extension	\$0
7 th Amendment	1/16/2017	Engineering support services during the Wind Retrofit Project construction, Resolution No. 2016-088	\$300,000
1 st Addendum to 7 th Amendment	12/18/2019	Additional engineering support services during the Wind Retrofit construction	\$30,000
2 nd Addendum to 7 th Amendment	5/29/2020	Additional engineering support services during the Wind Retrofit construction, Resolution No. 2022-028	\$106,752
3 rd Addendum to 7 th Amendment	01/25/2021	No cost time extension	\$0
4 th Addendum to 7 th Amendment	10/28/2022	Additional engineering support services during the Wind Retrofit construction, Resolution No. 2022-085	\$39,868
5 th Addendum to 7 th Amendment	12/8/2022	No cost time extension	\$0
		Total 7 th Amendment	\$476,620
8 th Amendment	3/6/2017	Additional design services, Resolution No. 2017-017	\$2,200,000
9 th Amendment	05/26/2017	Wind tunnel testing, Resolution No. 2017-047	\$191,000
1 st Addendum to 9 th Amendment	11/20/2017	Additional wind tunnel testing, Resolution No. 2017-106	\$216,500
2 nd Addendum to 9 th Amendment	07/27/2020	Additional wind tunnel testing, Resolution No. 2020-044	\$260,217

	DATE APPROVED	DESCRIPTION	AMOUNT
3rd Addendum to 9 th Amendment	06/01/2021	Additional wind tunnel testing, Resolution No. 2020-044 contingency	\$39,000
4 th Addendum to 9 th Amendment	06/25/2021	Additional wind tunnel testing and acoustic analysis of the new bridge railing, Resolution No, 2021-043	\$130,418
		Total 9 th Amendment	\$837,135
10 th Amendment	8/14/2017	Assistance with preparation of the Risk Assessment Plan and Major Project Management Plan, Resolution No. 2017- 068	\$399,000
11 th Amendment	6/26/2019	Additional design services to develop stainless steel welding procedures for the fabrication of the energy dissipation devices, Resolution No. 2019-037	\$235,500
12 th Amendment	8/25/2023	e-Builder software module customization and staff training, Resolution No. 2023-054	\$399,637
13 th Amendment	10/27/2023	Additional engineering design services	\$351,150
14 th Amendment	2/23/2024	Additional engineering design and preconstruction services	\$5,543,833
1 st Addendum to 14 th Amendment	5/03/2024	Additional environmental support services	\$208,852
		Total 14 th Amendment	\$5,752,685
15 th Amendment	1/07/2025	No cost time extension	\$0
16 th Amendment	5/28/2025	Additional preconstruction services	\$862,486
17 th Amendment (proposed)	<i>This staff report</i>	<i>Design Services During Construction</i>	<i>\$21,703,500</i>
		TOTAL PSA AMOUNT <i>Proposed</i>	<u>\$53,230,953</u>