



COUNTY OF SAN MATEO
Inter-Departmental Correspondence
Public Works



Date: October 1, 2015
Board Meeting Date: November 3, 2015
Special Notice / Hearing: None
Vote Required: Majority

To: Honorable Board of Supervisors

From: James C. Porter, Director of Public Works

Subject: Biological Mitigation Services associated with the Crystal Springs Dam Bridge Replacement Project
[Federal Aid Project No. BRLO-5935 (052) (County Project No. R1104)]

RECOMMENDATION:

Adopt a resolution authorizing an agreement with Swaim Biological, Inc., for Biological Services associated with construction mitigation related to the reconstruction of the Crystal Springs Dam Bridge Project for the term of November 3, 2015 through November 2, 2018, for an amount not to exceed \$496,005.

BACKGROUND:

On October 16, 2007, your Board adopted Resolution No. 069064, which authorized the execution of an Agreement for Engineering Services with Parsons Brinckerhoff, Inc., formerly PB Americas, Inc., in connection with the preparation of design plans and specifications for the Crystal Springs Dam Bridge (CSDB) Replacement Project. On December 11, 2012, your Board adopted Resolution No. 072312, which extended the term of the Agreement and increased the amount of the Agreement to enable completion of the design plans and specifications.

On May 6, 2008, your Board adopted Resolution No. 069402, which authorized an agreement with Pacific Gas and Electric Company (PG&E) for the construction and cost responsibilities associated with PG&E's 230kV transmission line in connection with the CSDB Replacement Project. The agreement memorialized the terms and conditions related to the longitudinal location of PG&E's transmission line to be located within the replacement bridge structure and that the costs associated with design and construction of these facilities are to be paid by PG&E.

On December 1, 2009, your Board adopted Resolution No. 070543, which certified the Mitigated Negative Declaration for the CSDB Replacement Project, which included the

demolition and removal of the existing bridge and construction of the replacement bridge.

On May 25, 2010, your Board adopted Resolution No. 070790, which authorized an agreement with Swaim Biological, Inc. for Biological Services associated with construction mitigation related to the Demolition of the CSDB Project.

On June 8, 2010, your Board adopted Resolution No. 070855, which adopted plans and specifications, and authorized the Director of Public Works to call for sealed proposals for the demolition of the CSDB. On July 27, 2010, your Board adopted Resolution No. 070961, which authorized an agreement with Ferma Corporation for the demolition of the CSDB. The demolition and removal of the bridge was completed in February 2011.

On January 27, 2015, your Board adopted Resolution No. 073622, which authorized an amendment to the agreement with PG&E specifying the revised location of the 230kV transmission line to be constructed under the bridge soffit (downstream outside edge of the bridge) instead of within the bridge structure.

On February 10, 2015, your Board adopted Resolution No. 073654, which authorized the execution of a Memorandum of Agreement with the San Francisco Public Utilities Commission (SFPUC) regarding the construction and cost responsibilities associated with work to be performed by the County for the SFPUC in connection with the CSDB Replacement Project.

On July 21, 2015, your Board adopted Resolution No. 073960, which adopted plans and specifications, and authorized the Director of Public Works to call for sealed proposals for the reconstruction of the CSDB on top of the Lower Crystal Springs Dam.

DISCUSSION:

The plans and specifications for the bridge reconstruction work (Project) were prepared by Parsons Brinckerhoff, Inc. and the County received and opened bids on October 1, 2015 for this work. Construction of the Project is anticipated to take approximately two (2) years to complete. The agency permits issued for the Project require specific biological monitoring during construction.

The County and the Department of Public Works (Department) do not have in-house expertise to perform the required biological monitoring for the Project. Therefore, the Department conducted a Request for Proposal to select a biological consultant to perform the required biological monitoring work for the Project construction phase.

Swaim Biological, Inc. (Swaim) was selected based on their expertise and experience working with the SFPUC, the County on the demolition of the CSDB, PG&E, the United States Fish and Wildlife Service (USFWS) and the California Department of Fish and Game staff, which are agencies involved in the Project. The biological work is highly specialized, and Swaim is one of the few experts permitted by USFWS to handle California Red Legged Frogs and the San Francisco Garter Snake. Swaim's work and

familiarity with the SFPUC's watershed and environmental and biological mitigation requirements will significantly and positively contribute to the success of the Project.

Swaim submitted the negotiated proposal in the amount of \$491,005.94 based on the biological monitoring and mitigation work associated with the Project.

County Counsel has reviewed and approved the Resolution as to form.

Adoption of this action contributes to the Shared Vision 2025 outcome of an Environmentally Conscious Community by allowing the Department to replace the bridge through the implementation of mitigation measures that will reduce potential adverse effects to less-than-significant levels.

FISCAL IMPACT:

The term of the agreement is November 3, 2015 through November 2, 2018. The agreement specifies a "Not to Exceed" amount of \$496,005.94 for all specified tasks, which includes a \$5,000 contingency. Consultant Mitigation costs will be reimbursable at 88.53% by the Federal Highway Bridge Replacement and Rehabilitation (HBRR) Program. Sufficient Road funds have been budgeted to finance the construction costs as the HBRR funding is on a reimbursable basis. The County will be seeking HBRR reimbursements from Caltrans during the course of construction to reimburse the Road Fund.

The agreement is proposed to be financed as follows:

Federal HBRR Program Funds	\$439,114.06
Road Fund	<u>\$56,891.88</u>
Agreement Not to Exceed Amount	\$496,005.94

There is no impact to the General Fund.