



**COUNTY OF SAN MATEO**  
Inter-Departmental Correspondence  
Public Works



**Date:** January 5, 2015  
**Board Meeting Date:** February 10, 2015  
**Special Notice / Hearing:** None  
**Vote Required:** Majority

**To:** Honorable Board of Supervisors

**From:** James C. Porter, Director of Public Works

**Subject:** Memorandum of Agreement with the San Francisco Public Utilities Commission regarding the Crystal Springs Dam Bridge Replacement Project.

**RECOMMENDATION:**

Adopt a Resolution authorizing the execution of a Memorandum of Agreement with the San Francisco Public Utilities Commission regarding the Crystal Springs Dam Bridge Replacement Project.

**BACKGROUND:**

On October 16, 2007, your Board adopted Resolution No. 069064, which authorized an Agreement with Parsons Brinckerhoff, Inc. (PB) for engineering and construction management services for the Crystal Springs Dam Bridge (CSDB) Replacement Project for an amount not to exceed \$592,000. The Agreement included consultant services for the design, preparation of plans, specifications, and construction cost estimates, and construction support associated with a project to demolish the existing CSDB and construct the replacement bridge. This work on the CSDB was to be done in conjunction with work that the San Francisco Public Utilities Commission (SFPUC) was anticipated to do on the Lower Crystal Springs Dam in connection with its water service activities.

On December 1, 2009, your Board adopted Resolution No. 070543 certifying the mitigated negative declaration for the CSDB Replacement Project.

On July 27, 2010, your Board adopted Resolution No. 070961, which authorized an Agreement with Ferma Corporation for the demolition of the CSDB on top of the Lower Crystal Springs Dam.

On December 11, 2012, your Board adopted Resolution No. 072312, which authorized Amendment No. One to the Agreement with PB to increase the maximum amount payable under the Agreement by \$254,210, to \$846,210 and extend the term through

December 31, 2015.

On August 5, 2014, your Board adopted Resolution No. 073341, which authorized Amendment No. Two to the Agreement with PB to increase the maximum amount payable by \$418,180.48 to \$1,264,390.48 and extend the term through December 31, 2017 for engineering, bidding, and construction support services for the CSDB Replacement Project.

**DISCUSSION:**

As noted through an interagency review, the County and SFPUC decided to coordinate their respective work on the CSDB, and this work includes the design of the catwalk structure into the CSDB Replacement Project. The Public Works Department (Department), through our consultant PB, has incorporated the design of SFPUC's catwalk structure (facility) and utilities adjustment into the plans and specifications for the CSDB Replacement Project. The facility will be constructed under the soffit of the CSDB and span the Lower Crystal Spring Dam's spillway. This facility is used by the staff of the SFPUC and the Division of Safety of Dams to access instrumentation on top of the dam. The SFPUC has completed construction of the County's bridge piers reinforcement steel into the Lower Crystal Springs Dam's spillway.

The Memorandum of Agreement with the SFPUC seeks to memorialize the terms and conditions, scope of work, and construction cost responsibilities within the CSDB Replacement Project and SFPUC's various construction projects within the same project footprint. The Memorandum of Agreement will be authorized concurrently by the SFPUC's General Manager.

The Department recommends that your Board approve the Memorandum of Agreement to enable the completion of all necessary work to obligate the Federal Funding for the CSDB Replacement Project. Construction of the replacement bridge is estimated to begin in the Summer of 2015 and will take approximately two years and cost approximately \$12 million.

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

Approval of this action will contribute to the Shared Vision 2025 outcome of a Collaborative Community by allowing the Department to replace the bridge while ensuring that construction of the SFPUC facilities can be accomplished simultaneously.

**FISCAL IMPACT:**

The Memorandum of Agreement specifies that any cost incurred by the County associated with SFPUC's facility and utilities adjustment in the construction contracts should be borne by the SFPUC.

There is no impact to the General Fund.