



COUNTY OF SAN MATEO
Inter-Departmental Correspondence
Public Works



Date: July 1, 2014
Board Meeting Date: August 5, 2014
Special Notice / Hearing: None
Vote Required: Majority

To: Honorable Board of Supervisors

From: James C. Porter, Director of Public Works

Subject: Amendment No. Two to the Agreement with Parsons Brinckerhoff, Inc.

RECOMMENDATION:

Adopt a Resolution authorizing an amendment to the agreement with Parsons Brinckerhoff, Inc. for engineering, bidding, and construction support services for the Crystal Springs Dam Bridge Replacement Project, extending the term through December 31, 2017, and increasing the amount by \$418,180.48 to \$1,264,390.48.

BACKGROUND:

On October 16, 2007, your Board adopted Resolution No. 069064, which authorized the Agreement with Parsons Brinckerhoff, Inc. (formerly PB Americas, Inc.) for engineering and construction management services for the Crystal Springs Dam Bridge (CSDB) Replacement Project in the amount of \$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.

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 Parsons Brinckerhoff, Inc. to increase the Agreement amount by \$254,210 to \$846,210 and extend the term through December 31, 2015.

DISCUSSION:

Amendment No. One was due in part to separating the bridge work into two distinct projects, namely, the demolition of the old bridge and construction of the replacement bridge. Separating the bridge work into two phases was necessary due to the location

and timing of the San Francisco Public Utilities Commission's (SFPUC) dam and water system improvement projects. The SFPUC's projects required that the bridge be demolished to enable SFPUC projects to commence and be completed before construction of the replacement bridge could occur. The CSDB was demolished at the beginning of 2011. The SFPUC had anticipated completing their projects by Summer of 2012 and they are now estimating their projects will be completed by the end of August 2014. Based on SFPUC's schedule the Department can have the remaining work completed to enable construction of the replacement bridge.

At the time Amendment No. One was considered by your Board for approval, the Department indicated that an additional amendment to the Agreement would be necessary to provide sufficient funding for construction support services. The estimated cost for this work was estimated to be \$241,790. Since the approval of Amendment No. One, additional consultant costs were incurred to address and incorporate comments and design changes from the SFPUC, the Division of Safety of Dams, Caltrans' Division of Structures, the County Parks Department, and the Department. These comments have required design changes to adequately address drainage constraints, trail access modifications, and minor design deviations. Additionally, \$161,305 will be required for Parsons Brinckerhoff, Inc. to complete the design, finalize the plans and specifications, and provide services during the bid process.

Amendment No. Two increases the not-to-exceed amount of the Agreement by \$418,180.48 and extends the term of the Agreement from December 31, 2015 through December 31, 2017 to allow Parsons Brinckerhoff, Inc. to provide construction support services through completion of the construction of the replacement bridge. Construction of the replacement bridge is estimated to take approximately two years and cost approximately \$11 million. The Department recommends that your Board approve Amendment No. Two to the Agreement to enable completion of the design and for the provision of support services during the bid and construction process. The Department anticipates that construction of the replacement bridge will commence in Spring 2015.

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

Approval of the Amendment contributes to the Shared Vision 2025 outcome of a Livable Community by facilitating a bridge replacement project to provide the public with a seismically sound bridge for recreational users, bicyclists, and motorists.

FISCAL IMPACT:

Amendment No. Two will increase the not-to-exceed amount of the Agreement by \$418,180.48 to \$1,264,390.48. The funding for Amendment No. Two will be from the Road Fund. The Department requested additional Federal Funds from Caltrans for Amendment No. Two; however, Caltrans concluded that the Project had reached the allowable limit for engineering funding. As a result, Road Funds have been budgeted to finance the additional funding required for this work.

There is no impact to the General Fund.