



COUNTY OF SAN MATEO
Inter-Departmental Correspondence
Public Works and Parks



Date: November 6, 2012
Board Meeting Date: December 11, 2012
Special Notice / Hearing: None
Vote Required: Majority

To: Honorable Board of Supervisors

From: James C. Porter, Director of Public Works and Parks

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

RECOMMENDATION:

Adopt a Resolution authorizing Amendment No. One to the Agreement with Parsons Brinckerhoff, Inc. for engineering services for the Crystal Springs Dam Bridge Replacement Project extending the term through December 31, 2015 and increasing the amount by \$254,210 to \$846,210.

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 services to be provided in accordance with the Agreement included: design of the replacement bridge, preparation of plans, specifications, and construction cost estimates, and construction support associated with the demolition of the existing CSDB and construction of the replacement CSDB.

DISCUSSION:

The Department recommends that your Board approve Amendment No. One to the Agreement to enable completion of the design and preparation of the bid documents for the replacement CSDB. Construction of the replacement bridge is estimated to take approximately one year and cost approximately \$10 million.

Several issues have contributed to the additional consultant costs and time extension. Subsequent to execution of the Agreement, it was necessary to separate the bridge work into two distinct projects, namely, demolition of the old bridge and construction of the replacement bridge. This was necessary due to 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 the

SFPUC projects to commence and be completed before construction of the replacement bridge project could occur. The bridge was demolished at the end of 2010 and SFPUC is scheduled to complete their projects during the summer of 2013. The revised timing and approach to the project has increased the cost of the engineering services.

The CSDB Project was also delayed due to the presence of California red legged frogs on top of the dam and the San Francisco garter snakes in the project area. The replacement bridge is a complex structure, which sits on top of the Lower Crystal Springs Dam owned by the SFPUC. The effort and time required to coordinate with the SFPUC, the Division of Safety of Dams, and Caltrans' Division of Structures and obtain project design approval from these agencies was greater than initially anticipated.

Amendment No. One increases the not-to-exceed amount of the Agreement by \$254,210 in order for Parsons Brinckerhoff, Inc. to finalize the bid documents and provide engineering services through the bid process. Amendment No. One will also extend the term of the Agreement from December 31, 2012 through December 31, 2015. The extended term will allow Parsons Brinckerhoff, Inc. to complete the bid documents and provide engineering services through final construction of the replacement CSDB.

The Department intends on preparing a second amendment to the Agreement, prior to construction, requesting to increase the not-to-exceed amount from \$846,210 by approximately \$241,790 to \$1,088,000. The additional \$241,790 will be used for Parsons Brinckerhoff, Inc. to provide construction support services during the course of construction. If the total required funding for Parsons Brinckerhoff, Inc. were requested under Amendment No. One at this time, it would prompt an audit by Caltrans delaying the final design of the project. Caltrans requires an audit to consultant agreements that are \$1,000,000 or more. The subsequent amendment will be issued at a time prior to construction when the Caltrans audit will not cause any delays to the project. The Department is recommending that Amendment No. One be executed such that the bid documents can be completed without delay. The Department also intends to request additional funding from Caltrans to maximize the use of federal funds for Amendment No. One and any subsequent amendments to reduce the amount of local funding required for this work.

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

Approval of Amendment No. One 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. One will increase the not-to-exceed amount of the Agreement by \$254,210 to \$846,210. The funding for Amendment No. One will be from the Road Fund; however, the Department intends to request additional federal funds from

Caltrans which would reduce the amount of Road Funds required. These additional engineering costs may be reimbursable up to one hundred percent (100%). Sufficient Road Funds have been budgeted to finance the local match and the additional funding required for this work.

There is no impact to the General Fund.