



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



**Date:** October 14, 2015  
**Board Meeting Date:** November 17, 2015  
**Special Notice / Hearing:** None  
**Vote Required:** Majority

**To:** Honorable Board of Supervisors

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

**Subject:** Agreement with Kiewit Infrastructure West Co. for the Reconstruction of  
Crystal Springs Dam Bridge  
[County Project No. R1103, Federal Aid Project No. BRLO-5935 (053)]

**RECOMMENDATION:**

Adopt a resolution authorizing:

- A) The President of the Board to execute an agreement with Kiewit Infrastructure West Co. for the reconstruction of County Bridge No. 67 (State Bridge No. 35C-043) on Lower Crystal Springs Dam in the Unincorporated Area of San Mateo County, in the amount of \$11,900,000; and
- B) The Director of Public Works to execute subsequent change orders to grant time extensions for project completion and payment up to a maximum aggregate amount not to exceed \$1,190,000, or approximately 10% of the agreement amount.

**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 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 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 and February 10, 2015, your Board adopted Resolution No. 073622 and 073654, respectively. The resolutions authorized PG&E to construct a transmission line under the bridge and executed a Memorandum of Agreement with the San Francisco Public Utilities Commission (SFPUC) regarding construction and cost responsibilities.

On July 21, 2015, your Board adopted Resolution No. 073960, which adopted plans and specifications including conformance with prevailing Federal wage scale requirements, 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:**

On Thursday, October 1, 2015, bids were accepted for this project and subsequently referred to Public Works for checking and recommendation. On October 6, 2015, five calendar days following the bid opening, the Department received a formal bid protest from Golden State Bridge Inc. In the protest, Golden State Bridge Inc. claimed that the bid provided by Kiewit Infrastructure West Co. (Kiewit) for Underground Electrical Construction appeared unbalanced in comparison to the other bidders' proposals. Subsequently, Kiewit provided a response to the protest for the Department's consideration. The Department reviewed the response and based on its review of the materials submitted, Kiewit's bid protest response satisfactorily addressed the bid protest and that their bid was indeed responsive and an accurate reflection of costs for the work contemplated.

Golden State Bridge Inc. has been notified of the County's review and conclusion. The Department recommends the award of the contract to Kiewit Infrastructure West Co., whose bid of \$11,900,000 was the lowest responsible bid received for the work. The Engineer's Estimate was \$12,180,000. A summary of the bids received is attached as Exhibit "A". The project is estimated to take two years to construct.

County Counsel has reviewed and approved the resolution and agreement as to form.

Approval of this action 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:**

The estimated cost for construction is \$13,090,000 which includes authorization for up to \$1,190,000 in change orders as the work is bid on a unit price basis. The contingency is used to pay the contractor for any unforeseen conditions not anticipated

in the construction agreement documents. Construction costs will be reimbursable at 100% by the Federal Highway Bridge Replacement (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 project is proposed to be financed as follows:

Federal HBRR Program Funds	\$13,090,000
Road Fund	\$0.00
Total Cost	\$13,090,000

There is no impact to the General Fund.

Attachment: Exhibit "A" – Summary of Bids Received

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**EXHIBIT “A”**  
**SUMMARY OF BIDS RECEIVED**  
**RECONSTRUCTION OF CRYSTAL SPRINGS DAM BRIDGE**  
**[COUNTY PROJECT NO. R1103, FEDERAL AID PROJECT NO. BRLO-5935 (053)]**

<b><u>Contractor</u></b>	<b><u>Bid Amount</u></b>
1. Kiewit Infrastructure West Co	\$ 11,900,000.00
2. Golden State Bridge, Inc.	\$ 12,194,090.50
3. Myers and Sons Construction	\$ 13,625,072.00
4. Disney Construction, Inc.	\$ 14,008,429.00
5. Flatiron West Inc.	\$ 14,528,664.00
6. MCM Construction	Disqualified – Bid not accepted