

COUNTY OF SAN MATEO Inter-Departmental Correspondence Public Works



Date:May 23, 2016Board Meeting Date:June 28, 2016Special Notice / Hearing:NoneVote Required:Majority

To: Honorable Board of Supervisors

From: James C. Porter, Director of Public Works

Subject: Agreement with Quincy Engineering, Inc. for the Causeway Feasibility Study

RECOMMENDATION:

Adopt a resolution authorizing an agreement with Quincy Engineering, Inc. for a Causeway Feasibility Study, for the term of June 28, 2016 through June 27, 2019, in an amount not to exceed \$512,656.

BACKGROUND:

In 2013, the San Mateo County Resource Conservation District (RCD) issued a Request for Proposals (RFP) to identify solutions to the flooding on Pescadero Creek Road from Butano Creek. The process was collaborative and involved an Advisory Group comprised of staff from regulatory agencies and the County, as well as representation from the Pescadero community and the Pescadero Municipal Advisory Council (PMAC). Cbec eco-engineering, Inc. (cbec) and Stillwater Sciences were selected to identify and evaluate alternatives for addressing frequent road flooding that occurs during storm events and to also maximize opportunities for ecosystem restoration. Construction of a causeway was identified through this study as a potential long-term solution to the flooding on Pescadero Creek Road. Cbec developed and utilized hydrodynamic and sediment transport models (cbec model) for their analysis and report. Details related to the cbec study and model are documented in the project report entitled "Solutions to Flooding on Pescadero Creek Road" (Solutions project), dated October 17, 2014 (cbec 2014).

The Department proceeded with a Request for Proposals (RFP) process to select a consultant to evaluate the feasibility of constructing a causeway along Pescadero Creek Road spanning Butano Creek (Project).

The contractor selection procedures in the County of San Mateo's Administrative Memorandum B-1 were used to select a consultant for engineering services for the

Project. The Request for Proposals Process Matrix describing the process and selected firm is attached as Exhibit "A".

DISCUSSION:

The Department conducted an RFP process for consultant services in connection with the Project. The RFP described the scope of the Project and services requested which included, but were not limited to: field surveys, geotechnical investigation, hydraulic assessment, environmental studies, community engagement, conceptual design, and developing a feasibility study report. Proposals were solicited from engineering firms that could provide the requested services by e-mail, through advertising in a local newspaper, and by posting information to the Department's website. Proposals were submitted by two (2) consulting firms.

An evaluation committee comprised of Department staff, a District 3 Board of Supervisor's aide, a member of the San Mateo County Resource Conservation District (RCD) and a member of the PMAC reviewed the proposals and participated in an interview with both of the proposing consultants. The consultant interviews included presentations by the two consultant teams and responses to questions posed by the evaluation committee. Based on the overall quality of the proposals, the firms' presentations, responses to the interview questions and the anticipated work, the Department is recommending that Quincy Engineering, Inc. be retained.

In addition to developing a Causeway Feasibility Study report, there will be significant coordination required with regulatory agencies, the PMAC, and the businesses and property owners within the community of Pescadero. The Project has been structured such that the RCD will have a significant role in the public engagement and outreach portion of the Project because of their familiarity with the issues, the community, and the recent efforts evaluating solutions to flooding. Additionally, the consultant must utilize the cbec model previously developed with appropriate modifications when evaluating alternatives for the Project. The consultant will be required to coordinate with cbec to provide the specific parameters to be included in the cbec model such that the various alternatives can be modeled. The Department envisions that the actual cbec model modifications and model runs will be performed by cbec through a separate contract.

The consultant's work is estimated to take 12 to 18 months. Based on this estimate, the Department anticipates a final Causeway Feasibility Study report would be completed in Summer/Fall of 2017. The process will include working with an Advisory Group of similar composition as was used for the RCD study and community meetings throughout the Project. The goal of the Project is to determine whether a causeway or bridge type structure is feasible from several perspectives including; support of the community, environmentally acceptable, financially achievable, desired level of decreased roadway flooding, and constructability.

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

Approval of this action will contribute to the Shared Vision 2025 outcome of a Livable Community by improving our roads for use by the traveling public to support livable connected communities.

FISCAL IMPACT:

The term of this agreement is June 28, 2016 through June 27, 2019. The not-to-exceed amount for this agreement is \$512,656 for all specified tasks. Sufficient General Fund allocations have been made for the Project.

Attachment: Exhibit "A" – Request for Proposals Matrix

| Request for Proposals – Matrix | | | |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Causeway Feasibility Study | | | |
| 1 | Where was the RFP advertised? | Examiner Newspaper, Department of Public Works Website | |
| 2 | In addition to any advertisement, list others to whom the RFP announcement was sent: | A/E Consultants Information work AECOM Technical Services Arup Bellecci & Associates Biggs Cardosa Associates, Inc. BKF Engineers Burns & McDonnell Cardno Entrix Cornerstone Structural Engineering Group David Evens and Associates, Inc. HDR Engineers, Inc. | Jacobs Engineering Kimley-Horn & Associates Kleinfelder KPFF Mark Thomas Mesit-Miller Engineering, Inc. Michael Baker International Moffatt & Nichol NV5 Parsons Brinkerhoff, Inc. Quincy Engineering Wreco |
| 3 | State the total number of RFP's sent to prospective proposers: | Twenty two (22) | |
| 4 | How many proposals did you receive? | Two (2) | |
| 5 | List in alphabetical order the name of the proposers (or finalist, if applicable) and the location: | Quincy Engineering, Inc., Walnut Creek, CA | |

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