

## Memorandum

Date: October 26, 2017  
To: Board of Directors  
From: Kellyx Nelson  
Re: Request to contract to cbec eco-engineering for design and support planning and project management for the Butano Channel Restoration and Resiliency Project

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RCD staff requests permission from the Board of Directors to contract with **cbec eco-engineering** (cbec) for design and support planning and project management for the Butano Channel Restoration and Resiliency Project. Staff previously requested and received approval from the Board at its August 15, 2017 meeting to sole source to cbec for this project and to develop a scope of work and budget to be used to prepare a contract. The board additionally authorized staff to begin working with cbec on time sensitive portions of design and data collection for the project, for a total amount not to exceed \$120,000 at the August 15, 2017 meeting. Staff is now requesting permission to proceed with the contract based upon the scope of work and budget developed.

The Butano Channel Restoration and Resiliency Project aims to restore fish passage between Pescadero Marsh and Butano Creek and provide some flooding relief for the community of Pescadero. The RCD has been awarded a NOAA Coastal Resiliency grant in the amount of \$1.4 million and \$4 million from the State of California to dredge an 8,000-foot channel through Pescadero marsh that will remove an anticipated 45,000 cubic yards of sediment and beneficially reuse the dredged material to restore 28 acres of degraded marsh. The project will enhance habitat for multiple state and federally protected species, restore access to 10.1 miles of upstream habitat for steelhead trout and coho salmon, and have socioeconomic benefits to the town of Pescadero by reducing the frequency, duration, and inundation of flooding.

Due to the needs of the community and the aggressive timeline of the NOAA grant, construction is planned for summer 2018. To meet this goal, staff strives to complete 60% designs by November 2017 and begin environmental review and permitting work immediately. Community interest and engagement are also an important component of this project, which presently require engineering involvement. To ensure success of the project, the RCD needs to contract with cbec to produce 60% project designs and remain on track to meet the established

timeline. RCD staff and cbec are currently working to develop these designs as well as gather critical water quality, geotechnical and other data to inform the design process.

The amount of the contract for 2017-19 to complete designs, assist in permitting, develop construction bid specifications, and support project management for the Butano Channel Restoration and Resiliency Project is \$307,536. This includes \$29,160 for subcontractors.