



DATE: June 12, 2018

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Sailing Lake Access Road, Project 15-38 – Amend Design Professional Services Contract**

RECOMMENDATION

Authorize the City Manager to amend the professional services agreement with AECOM of Oakland for an additional \$424,770 to provide design engineering services for Sailing Lake Access Road, Project 15-38. The amendment increases the not-to-exceed total contract amount from \$90,230 to \$515,000.

BACKGROUND

The City's low-lying North Bayshore Area is subject to coastal flooding from San Francisco Bay and fluvial flooding from Permanente and Stevens Creeks. In 2013, the City developed the Shoreline Sea Level Rise Study, which assessed the coastal and fluvial flooding vulnerability of the North Bayshore Area as a result of the projected sea level rise. The study recommended a program of 12 projects to provide sea level rise flood protection. The list of projects ranges from coastal erosion protection and levee improvements to pump stations and interior drainage improvements. One of the proposed projects is the Sailing Lake Access Road Project, which addresses structural issues and the ongoing seepage in the earthen berm that separates the Shoreline Sailing Lake from the Coast Casey detention basin (see Figure 1 below).



Figure 1 – Location of Sailing Lake Access Road in Shoreline at Mountain View

The improvements to the berm will also allow use of the access road by trucks to deliver fill materials to Ponds A1 and A2W during construction of the California State Coastal Conservancy’s South Bay Salt Pond Restoration Project. Staff has been working with the Coastal Conservancy staff on construction phasing plans that minimize disruption to wildlife and park users.

In June 2017, the City executed a contract with AECOM to conduct a geotechnical analysis and provide a comprehensive understanding of the existing conditions of the Sailing Lake Access Road. The findings of the initial technical advice from the study would be used to prepare the design for improvements to the Sailing Lake Access Road.

ANALYSIS

Staff developed the scope of work for the second phase of the project, which includes geotechnical investigation, engineering studies, preparation of plans and specifications, and environmental permitting services. Staff solicited informal proposals from AECOM and two other firms for the design phase. Staff recommends awarding the contract to the consultant team from AECOM and amending the current contract to include this scope of work. AECOM was selected for the first technical phase of the project through a competitive process that included consideration of four other firms. AECOM has satisfactorily completed the first phase of the project, and was found to be

the most qualified firm for the design phase based on their history with the project and their experience with similar work on the South Bay Salt Pond Project.

Through the preliminary technical study, the City learned the Sailing Lake Access Road is considered a dam because of its height and the volume of water impounded in the Sailing Lake. Dams fall under the regulatory jurisdiction of the California Department of Water Resources, Division of Safety of Dams (DSOD). The recommended contract will include coordination with DSOD on project reviews and regulatory compliance. AECOM has extensive experience with DSOD coordination and can confidently guide the City through the DSOD process.

The recommended fees are within the range typically charged for such services, and staff considers the fees to be fair and reasonable. With the approval of this contract, AECOM would begin the project in July 2018. The project is scheduled to be completed in 2020, depending on the review of the regulatory agencies and coordination process times.

FISCAL IMPACT

Sailing Lake Access Road, Project 15-38, is funded with \$600,000 from the City's Shoreline Regional Park Community Fund. The existing AECOM contract amount is \$90,230, and with expenditures of \$37,258 has a remaining balance of \$52,972 that can be used in the design phase scope of work. The contract amount for the design phase is \$450,711 plus an additional \$27,031 in contingency, for a cost of \$477,742. With the available contract balance of \$52,972, the additional funding needed is \$424,770. The recommended amendment increases the not-to-exceed total contract amount from \$90,230 to \$515,000.

Due to the need to comply with DSOD requirements, staff anticipates that additional funding will be needed for the third phase of the project, actual construction. Staff will provide a project update to the City Council and request additional funding for project construction once the project design is approved by the permitting agencies, including DSOD. AECOM's role will be limited to the second design phase of the project and AECOM will not bid on the third construction phase.

ALTERNATIVES

1. Do not approve the recommended contract and direct staff to issue a RFP to solicit additional proposals.
2. Provide other direction.

PUBLIC NOTICING – Agenda posting.

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RW-LA/JA/2/CAM
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Attachment: 1. AECOM Scope of Work and Fees

cc: CSD, ACSD, APWD – Solomon, PCE Sajjan, USM, Jim Baldinger, F/c (15-38)