



DATE: June 18, 2019

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Shoreline Sailing Lake Improvements – Design, Project 17-52 – Authorize Professional Design Services Agreement**

RECOMMENDATION

1. Appropriate \$331,000 from the Shoreline Regional Park Community Fund to Shoreline Sailing Lake Improvements – Design, Project 17-52, for a total project budget of \$500,000. (Five votes required)
2. Authorize the City Manager to execute a professional services agreement with Moffatt & Nichol of Walnut Creek to provide civil engineering services for Shoreline Sailing Lake Improvements – Design, Project 17-52, in a not-to-exceed amount of \$300,000.

BACKGROUND

The Sailing Lake in Shoreline at Mountain View is a man-made saltwater lake that offers various recreational activities, including sailing, windsurfing, kayaking, and canoeing. Figure 1 shows the Sailing Lake and the project location.



Figure 1 – Project Location

The water level is maintained by pumping water from Inner Charleston Slough into the lake. Water then flows out into Permanente Creek. Due primarily to wind and resulting wave action, the shore line of the lake experiences erosion that periodically must be repaired. Shoreline Sailing Lake Improvements – Design, Project 17-52, was established to address erosion on the northeasterly shore of the lake near the Boathouse.

ANALYSIS

On September 25, 2018, the City Council renewed the lease with Silicon Shores Corporation for operation of the Shoreline Sailing Lake/Boathouse. A number of maintenance items were identified prior to that action that were to be addressed by the City, including repair/replacement of the boat docks. The docks are badly deteriorated and in need of improvements related to the Americans with Disabilities Act (ADA). Also, sediment deposits have occurred near the docks, hindering operation of watercraft in the area.

Because the improvements are in the same vicinity, staff recommends expanding the scope of the erosion repair design to include the dock and sediment deposition work rather than performing these activities as separate projects. The expanded scope of work for the project is illustrated in Figure 2 and listed below:



Figure 2: Proposed Sailing Lake Improvements

- Erosion Repair: Design erosion and bank stabilization measures to protect the lake shoreline from erosion.
- Dock Replacement: Design for the replacement of the existing floating dock with a new floating dock system that will meet American with Disabilities Act (ADA) requirements.
- New Dock: Assess the removal of the gravel kayak launch area to eliminate erosion into the lake, and the feasibility of replacing the existing gravel beach with a new floating dock and a dock anchoring system for launching kayaks.
- Sediment Removal: Design for the removal of sediment deposited in the lake bed in the vicinity of the boat dock to provide minimum draft for kayaks and pedal boats.
- Concrete Wall: Design for extending the existing retaining wall south of the concrete boat launch to reduce sediment migration from the gravel beach.
- Beach Erosion Protection: Assess the shoreline of the windsurfing area to improve launch safety and manage beach erosion.

On March 15, 2019, the City issued a Request for Proposals (RFP) to solicit proposals from interested consultants. On April 5, 2019, the City received one proposal from Moffatt and Nichol. The low response may be due to the specialized nature of the work.

A review panel comprised of City staff evaluated the proposal and invited Moffatt and Nichol for an interview. The consultant firm specializes in waterfront and marina work and has successfully completed similar projects for other agencies throughout the San Francisco Bay Area and Southern California. Staff recommends awarding the work to Moffatt and Nichol.

The not-to-exceed contract amount of \$300,000 includes \$247,094 for basic services, including reimbursable expenses, and a contingency in the amount of \$52,906 for unforeseen expenses. The recommended fees are within the range typically charged for such services. Staff considers the fees to be fair and reasonable.

With the approval of this contract, Moffat & Nichol could begin the project this summer and complete the final design bid package in 2020.

FISCAL IMPACT

Shoreline Sailing Lake Improvements, Project 17-52, is currently funded with \$169,000 from the Shoreline Regional Park Community Fund. The requested budget amendment will increase the total project budget from \$169,000 to \$500,000 for the additional design work and to provide funding for City staff and administration costs.

ALTERNATIVES

1. Do not approve the recommended contract with Moffatt and Nichol.
2. Provide other direction to staff.

PUBLIC NOTICING – Agenda posting.

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RW/TS/2/CAM
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Attachment: 1. Moffat & Nichol Scope of Work and Fees

cc: APWD – Solomon, CSD(A) – Marchant, RS – Chilkotowsky, AAI – Doan, AE – Houghton, SMA – Goedicke, PA – Li, File (17-52)