



DATE: September 12, 2017

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Shoreline Park Irrigation Replacement, Project 16-31 – Approve Plans and Specifications/Authorize Bids**

RECOMMENDATION

1. Approve plans and specifications for the Shoreline Park Irrigation Replacement, Project 16-31, and authorize staff to advertise the project for bids.
2. Authorize the City Manager to award the construction contract to the lowest responsible bidder if the low bid is within the project budget.

BACKGROUND

Among other amenities, Shoreline at Mountain View Regional Park includes a 50-acre man-made lake with a 5-acre irrigated turf area on the North Shore (see Figure 1). The irrigation system in the North Shore area has been badly damaged over the years due to differential settlement of the underlying refuse. The irrigation pipes break frequently, and the settlement creates low spots that pond while other areas do not get proper irrigation coverage.



Figure 1

ANALYSIS

The original intent of the Shoreline Park Irrigation Replacement, Project 16-31, was to replace the irrigation system in the North Shore area described above as well as at the nearby Beach Turf area and install a new system at the Kite Flying Area located near the entrance of the park.

Based on evaluation of the turf and irrigation systems during the design process, staff concluded that replacing the North Shore area turf is a higher priority than the Beach Turf and Kite Flying Area irrigation systems. The existing turf is in very poor condition due to the deteriorated irrigation system and the high salt and low organic content of the soil. The turf replacement would also include grading the site to remove low spots (which lead to water ponding) and amending the soil to better support turf growth. By removing the Beach Turf and Kite Flying Area irrigation improvements, sufficient funding is available to replace the North Shore turf.

Schedule

Plans and specifications for the project are complete and available for viewing in the Public Works Department. If the recommended actions are approved, construction is expected to begin in November 2017 and be completed in spring 2018.

California Environmental Quality Act

In accordance with the requirements of the California Environmental Quality Act, this project has been determined to be categorically exempt because the project consists of replacement of existing irrigation facilities that do not expand the use beyond the existing conditions.

FISCAL IMPACT

The Shoreline Park Irrigation Replacement, Project 16-31, is funded with \$1,026,000 from the Shoreline Community Fund.

The estimated total project cost is as follows:

Construction (including contingency)	\$ 840,000
Consultant Services	68,200
City Project Management	20,000
Construction Inspection and Testing	30,000
Miscellaneous	<u>5,000</u>
Subtotal	963,200
City Administration	<u>62,600</u>
TOTAL PROJECT COST	<u>\$1,025,800</u>

Sufficient funding is available to complete the project based on the current cost estimate.

ALTERNATIVES

1. Defer construction.
2. Provide other direction.

PUBLIC NOTICING – Agenda posting.

Prepared by:

Andy Chang
Senior Civil Engineer

Reviewed by:

Lisa Au
Principal Civil Engineer/Capital Projects

Approved by:

Michael A. Fuller
Public Works Director

Audrey Seymour Ramberg
Assistant City Manager

AC/TS/7/CAM
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cc: APWD – Solomon, PCE – Au, PCE – Macaraeg, SCE – Chang, POSM, AAI –
Goedicke, cmvgis@mountainview.gov, File