



CITY OF SAN MATEO

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Agenda Report

Agenda Number: 13

Section Name: {{section.name}}

Account Number: 19-6131

File ID: {{item.tracking_number}}

TO: City Council

FROM: Drew Corbett, City Manager

PREPARED BY: Parks and Recreation Department

MEETING DATE: June 20, 2022

SUBJECT:
Poplar Creek Irrigation Well Drilling Project – Agreement

RECOMMENDATION:

Approve an agreement with ABC Liovin Drilling, Inc for irrigation well drilling services in the amount of \$180,000 with a contingency amount of \$10,000; authorize the Director of Parks and Recreation to execute the agreement in substantially the form presented and issue change orders up to the contingency amount; and adopt a Resolution to authorize a transfer of \$15,427 from the Golf Course Upgrades FY 17-18 Project and appropriate \$61,573 from the Parks and Recreation In Lieu Fees Revenue to the Golf Course Well Drilling Project for a total project budget amount not to exceed \$252,000.

BACKGROUND:

Poplar Creek Golf Course has one operational well to irrigate the majority of the 105-acre golf course. In years past, this irrigation well has been temporarily inoperable due to various issues related to its aging infrastructure. The well casing, submersible pump, and motor have been repaired or replaced recently. While all are currently in good working order, when this well has not been operable, the golf course relied solely on the water stored in its two holding ponds, which even when water consumption is reduced lasts less than two weeks in the summer months. The temporary solution is to irrigate the course entirely with potable water, which is a very large operating cost. Any loss of turf would be costly to replace and would compromise the guests' playing experience. Drilling a second well would be advantageous in providing a second water source in the event that one of the wells fails. It would also allow the holding ponds to be filled at a faster rate to avoid having one working well pumping water 18-20 hours every day in the summer months.

The Golf Division of the Parks and Recreation Department issued a request for proposal (RFP) this year. The Department received two bids:

- Maggiora Bros. Drilling, Inc - \$244,800 (PVC Casing) or \$270,540 (Steel Casing)
- ABC Liovin Drilling, Inc - \$180,000 (PVC Casing) or \$195,000 (Steel Casing)

The recommendation is to award ABC Liovin Drilling, Inc. the agreement to install a PVC well. There are several advantages of a PVC well over steel for this location. The potential salts in the ground water will not compromise a PVC casing like they would a steel casing. Based on our current well output, the expected volume of water that will be available to pump will not adversely affect the in-ground screen and casing of a PVC well, so there is a cost savings advantage of PVC versus steel.

The above quotes from ABC Liovin Drilling, Inc. do not include the cost of a submersible pump that is required for this project. The exact size and horsepower of the submersible pump needed is difficult to determine until test holes are drilled to assess the volume and depth of available water. The RFP did not require the contractor to include the cost of a pump in their bid. An additional \$62,000 is the high-end estimate for the pump purchase and installation. The

Department will purchase the appropriate pump directly from a vendor after a determination is made on the exact specifications that are required for this project

ABC Liovin Drilling, Inc submitted the lowest bid and they have provided well drilling services for local water agencies and water districts in the past.

BUDGET IMPACT:

The well drilling capital improvement project has a budget of \$175,000. The agreement amount for ABC Liovin Drilling, including the contingency, is \$190,000. Assuming a high-end estimate of \$62,000 for the submersible pump, the total project costs will be \$252,000. Staff is requesting that City Council approve a transfer of \$15,427 (remaining balance) from Golf Course Upgrades FY 17-18 Project and an appropriation of \$61,573 from Parks and Recreation In Lieu Fees to provide sufficient funding for the project.

ENVIRONMENTAL DETERMINATION:

This award of contract is exempt from further environmental review under the California Environmental Quality Act (CEQA) pursuant to Title 14 of the California Code of Regulations, State CEQA Guidelines § 15303 (New Construction). This class 3 exemption allows for the construction and location of limited numbers of new, small facilities or structures; installation of small new equipment and facilities in small structures; and the conversion of existing small structures from one use to another where only minor modifications are made in the exterior of the structure.

NOTICE PROVIDED

All meeting noticing requirements were met.

ATTACHMENTS

Att 1 – Proposed Resolution

Att 2 – Agreement for Services - ABC Drilling

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