



STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of January 8, 2019

TO: The Mayor and Members of the City Council

SUBMITTED BY: Michael Roberts, Public Works Director/City Engineer

SUBJECT: Professional Services Agreement with Carollo in the amount of \$787,313 for the Design of the Sewer Main Replacement from Duck Pond Park to the Waste Water Treatment Plant

RECOMMENDED ACTION:

Adopt a Resolution authorizing the City Manager to execute an agreement with Carollo for a not to exceed amount of \$787,313 for the design of the Sewer Main Replacement Project - Duck Pond Park to the Waste Water Treatment Plant.

COMMISSION/SUBCOMMITTEE ACTION AND RECOMMENDATION:

There was no commission or subcommittee review of this item.

FISCAL IMPACT OF RECOMMENDATION:

The 2008 Master Sewer Plan ("Sewer Plan") identified necessary sewer upgrades estimated to cost a total of \$8M. In anticipation of the need to construct this Sewer Main Replacement Project ("Project") and other sewer system improvements identified in the Sewer Plan, sewer rates were increased, wastewater revenue bonds were issued, and impact fees were collected from developers to generate the needed funding. As a result of this advanced financial planning, there is sufficient funding in the Sewer Fund to cover the cost of this project which was included in the FY 18/19 Budget.

DISCUSSION:

This Project will replace 5,500 feet of the City's primary 24-inch trunk sewer main beginning at Duck Pond Park and ending at the influent intake to the Waste Water Treatment Plant in Pinole. The trunk sewer was constructed in 1972 and has served its useful service life, is deteriorating, and needs to be increased in size to convey the increased flows from future development.

The design for this Project will be complex. The alignment includes tunneling under the railroad tracks, a weir crossing under Pinole Creek, and an alternatives analysis given the existing piping runs between houses in the Historic Homes and Coventry neighborhoods adjacent to Santa Fe Avenue. An environmental analysis will need to be completed and permits acquired from regulatory agencies and the railroad. As part of the work, an extensive geotechnical study will need to be conducted. Based upon the findings, design measures will need to be incorporated to address challenging soil

conditions such as Bay Mud. Flow monitoring and modeling is also needed to properly size the replacement trunk sewer main.

Given the complexity of the design, importance of the Project, and anticipated amount of the design contract, MRG who provides staff augmentation to the City was utilized to assist with consultant selection. Request For Proposals (RFP) were sent on September 4, 2018 to six consulting firms specializing in wastewater: West Yost Associates, V.W. Housen & Associates, HDR, Lee & Ro, Carollo Engineers, and RMC. RFPs were also sent to Quincy Engineering and BKF, who are on the City's prequalified engineering vendor list, at their request.

West Yost, Carollo, Lee & Ro, and BKF submitted proposals on the RFP due date of October 12, 2018. All four firms were interviewed on November 5, 2018. The selection panel consisting of internal and external evaluators selected Carollo as the best qualified firm to provide design services. City staff with assistance from MRG subsequently met with Carollo to negotiate and refine the final scope and budget. Carollo's revised proposal, which is included as Attachment 2, is now being recommended for approval. The design is scheduled to occur through 2019 with construction beginning as soon as January 2020 and a completion date of ideally November 2020.

The Project Manager from Carollo is scheduled to attend the Council meeting tonight to introduce herself, make a brief presentation, and respond to any detailed questions you may have.

ATTACHMENTS:

1. Resolution
2. Consultant Agreement including Scope, Budget & Staffing
3. Project Fact Sheet
4. Nepotism and Cronyism Form

Financial Impact

Description: Expenditure amount not to exceed \$787,313.

Funding Source: Sewer Fund. Fund No. 420-5475-611.90-00

Budget Recap:

Total Estimated cost:	\$803,108	New Revenue:	\$
Amount Budgeted:	\$803,108	Lost Revenue:	\$
New funding required:	\$0	New Personnel:	\$
Council Policy Change:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		