



Council Agenda Report

Item 5c

Department: Public Works
Cost Center: 6102
For Agenda of: 5/17/2022
Placement: Consent
Estimated Time: N/A

FROM: Matt Horn, Public Works Director
Prepared By: Hai Nguyen, Engineer III

SUBJECT: AUTHORIZATION TO ADVERTISE CHORRO / MURRAY / MEINECKE
SEWER REPLACEMENT PROJECT, SPECIFICATION NUMBER 91639

RECOMMENDATION

1. Approve the project plans and specifications for Chorro/Murray/Meinecke Sewer Replacement Project, Specification Number 91639; and
2. Authorize staff to advertise for bids; and
3. Authorize the City Manager to award the Construction Contract if the lowest responsible bid is within the Engineer's estimate of \$1,150,000; and
4. Authorize the City Engineer to approve Contract Change Orders within available project budget.

DISCUSSION

Background

Replacement and rehabilitation of wastewater collection (sewer) pipes is part of an ongoing program to maintain aging and deteriorating infrastructure. This program has several objectives: 1) ensure reliable removal of wastewater; 2) reduce the need for emergency repairs; 3) reduce the need for preventive maintenance; and 4) ensure uninterrupted wastewater flow without health or environmental hazard from wastewater leakage. This project will accomplish these objectives for part of the City's wastewater collection system.

The Project

The Chorro/Murray/Meinecke Sewer Replacement Project (Project) proposes installation and replacement of approximately 2,000 lineal feet of sewer main by open trenching and pipe bursting (Attachment C). Pipe bursting installs a sewer pipe inside the existing sewer pipe resulting in a new sewer pipe of the same or greater size than the prior sewer pipe size. The existing sewer pipes planned for replacement work have been video inspected and confirmed to have reached the end of their useful life. This Project also includes installation and replacement of 139 lineal feet of failing storm drain pipes.

Previous Council or Advisory Body Action

This Project was identified in the 2017-19 and 2021-23 Financial Plans that were approved by Council.

Council approved acquisitions of sewer easements (851 Murray & 843 Murray) for the project on April 6, 2021.

Policy Context

The City Council approved the *Wastewater Collection System Infrastructure Renewal Strategy* in January 2016. The plan identified a strategy for prioritizing pipeline replacement in the wastewater collection system to serve existing customers and future development in the City.

Public Engagement

Public engagement was conducted during the initial identification of this Project to be included in the 2017-19 and 2021-23 Financial Plans.

CONCURRENCE

This project has the concurrence of the Utilities Department.

ENVIRONMENTAL REVIEW

This project is categorically exempt from environmental review pursuant to section 15302 of the CEQA Guidelines (Replacement or Reconstruction) since it is a maintenance and replacement project. A Notice of Exemption will be filed through the Community Development Department.

FISCAL IMPACT

Budgeted: Yes

Budget Year: 2017-19 & 2021-23

Funding Identified: Yes

Fiscal Analysis:

Funding Sources	Total Budget Available	Current Funding Request	Remaining Balance	Annual Ongoing Cost
General Fund	\$980,193	\$83,000	\$897,193	\$
State				
Federal				
Fees				
Sewer Fund:	\$1,805,026	\$1,252,970	\$552,056	
Total	\$2,785,219	\$1,335,970	\$1,449,249	\$

ESTIMATED PROJECT COST BY FUNDING SOURCES				
Chorro/Murray/Meinecke Sewer Replacement Project, Specification No. 91639				
	Project Account (91639)	Sewer Fund Undesignated Capital (602-9501-71501)	Storm Drains Annual Asset Maintenance Account (90742)	Project Total Costs
	Sewer Fund	Sewer Fund	General Fund	
Construction Estimate	\$738,000	\$342,000	\$70,000	\$1,150,000
Contingencies	\$109,400	\$58,000	\$13,000	\$180,400
Total Construction Estimate	\$847,400	\$400,000	\$83,000	\$1,330,400
Materials Testing	\$5,000	\$0	\$0	\$5,000
Printing & Advertising	\$570	\$0	\$0	\$570
Total Project Estimate	\$852,970	\$400,000	\$83,000	\$1,335,970
Available Project Balance	\$352,970	\$952,056	\$305,193	\$1,610,219
FY 2022-23 Additional Funding on 7/1/2022	\$500,000	\$0	\$675,000	\$1,175,000
Total Available Balance	\$852,970	\$952,056	\$980,193	\$2,785,219
Remaining Balance	\$0	\$552,056	\$897,193	\$1,449,249

The 2017-2019 Financial Plan, page E2-143, allocated \$444,000 for this project. There is currently a balance of \$352,970 in the project account. Additional funding of \$500,000 from the Sewer Fund was included in the 2021-23 Financial Plan and will be available after July 1, 2022. Staff is recommending an additional reallocation of \$400,000 from the Sewer Fund Undesignated Capital to provide sufficient funding for the wastewater collection portion of this project.

Funding for storm drain replacement work is proposed to come from the Storm Drains Annual Asset Maintenance Account (90742) which currently has a balance of \$305,193 and is sufficient to support the replacement of the failing storm drain pipes. Additional funding of \$675,000 was included in the 2021-23 Financial Plan and will be available after July 1, 2022 to support other storm drain replacement projects.

Project construction would not begin until after July 1st when FY 2022-23 funding has been appropriated to the above project accounts.

ALTERNATIVES

Deny or defer approval to advertise. The City Council may choose to deny or defer the approval to advertise this project. Staff does not recommend this option, as the sewer mains included in this project continue to deteriorate and pose a high risk of catastrophic failure, requiring expensive repairs.

ATTACHMENTS

- A - Project Plans (91639)
- B - Project Specifications (91639)
- C - Project Vicinity Map (91639)