



Item Number: 11

City Council / Board of Directors

Written Communications

Meeting of: February 4, 2025

Submitted By:

Fredy A. Bonilla, City Engineer

Subject:

Sewer Main Condition Assessment 2024 – Consultant/Professional Services Provider Agreement

Recommendation:

That the Honorable City Council approve a Consultant/Professional Services Provider Agreement with Mattucci Plumbing, Inc., in an amount not to exceed \$942,074.16, for Sewer Main Condition Assessment 2024, Project No. CC25-029.

Fiscal Impact:

This action will result in a fiscal impact of \$942,074.16. This project is funded by the Sewer Fund, No. 425. An additional appropriation is not required. There are sufficient funds available in the project budget to cover the planned expenses.

Account Number	Account Available
4254500-52300-77449	\$998,921.94

Strategic Plan Goal:

This item aligns with "Goal E Invest in Infrastructure" in the City of Victorville Strategic Plan 2023-2026. Through this project, the consultant will clean, inspect and evaluate existing gravity sewer mains and manholes, and make recommendations to correct structural defects by identifying future sewer rehabilitation projects.

Background:

The City operates and maintains a sanitary sewer collection system within a 74 square mile service area, consisting of approximately 437 miles of sewer mains and 121 miles of sewer laterals (31,225 connections). The gravity sewer mains vary in size from 8 inches to 30 inches in diameter, are comprised of a variety of materials, and range in age from recent construction to over 50 years.

On May 21, 2019, the City Council approved the Sewer System Management Plan (SSMP) update. The SSMP is a document that describes the activities an agency uses to manage its wastewater collection system effectively. The goal of the SSMP is to provide a plan and schedule to properly manage, operate and maintain all parts of the sanitary sewer system, which aids in the reduction and prevention of sanitary sewer overflows (SSOs) and mitigates the impacts of SSOs when they do occur. The SSMP is a document required by the State Water Resources Control Board in accordance with Water Quality Order No. WQO 2013-0058-EXE.

The City's 2019 SSMP lists thirteen (13) specific actions that need to be implemented. Action No. 4 states in part: "Proceed with five (5) year cleaning schedule and five (5) year CCTV inspection of the entire collection system". To date, the City has inspected approximately 129.29 miles of sewer mains using the Closed-Circuit Television (CCTV) inspection method and has cleaned over 576 miles of sewer mains through internal resources and as part of various Sewer Capital Improvement Projects, including Sewer Lining projects.

To continue implementing Action No. 4 of the City's 2019 SSMP, City staff planned to contract with a qualified company to perform the CCTV inspection and evaluate the condition of each segment of sewer mains within a preselected area of the City. Through this project, approximately, 40 miles of the worst pipes will be cleaned and reinspected using CCTV inspection method and the video data will be thoroughly analyzed to identify the location and severity of any structural defects. In addition, approximately 605 manholes will be condition rated using SI 360° Manhole Assessment Certification Program (MACP) Level 2 Digital Manhole Inspection method. This video data will be provided in a database that has a Geographical Information System (GIS) location data that will be used to verify or correct the current GIS sewer system data. A consultant civil engineering company will also make recommendations to correct structural defects by identifying specific sewer rehabilitation projects.

Discussion:

This project was advertised using qualification-based solicitation procedures in accordance with Victorville Municipal Code §2.28.280. On September 17, 2024, a Request for Proposals (RFP) was advertised, and four (4) proposals were received on October 24, 2024, from following companies.

- Mattucci Plumbing Inc.
- National Plant Services, Inc.
- Pipe Tec, Inc.
- Red Zones Robotics, Inc.

A selection committee evaluated the proposals in accordance with the scoring criteria stated in the RFP. The committee's consensus was that the Mattucci Plumbing Inc., was the most qualified company and best meets the City requirements for this project.

Staff recommends that the Honorable City Council award a Consultant/Professional Services Provider Agreement to Mattucci Plumbing, Inc., in the not to exceed amount of \$942,074.16 for the Sewer Main Condition Assessment 2024 Project.

Staff is available for any questions Council may have.

Attachments: A. Consultant/Professional Services Provider Agreement