



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: MARCH 21, 2023

FROM: PUBLIC WORKS DEPARTMENT WARDS: 3 AND 7

SUBJECT: AWARD BID NO. 7957 FOR THE VAN BUREN BOULEVARD SEWER MANHOLE LINING TO AYALA ENGINEERING, OF ANAHEIM, CALIFORNIA, IN THE AMOUNT OF \$616,455

ISSUE:

Award Bid No. 7957 for the Van Buren Boulevard Sewer Manhole Lining to Ayala Engineering of Anaheim, California, in the amount of \$616,455.

RECOMMENDATIONS:

That the City Council:

1. Award a construction contract for Bid. No. 7957 for the Van Buren Boulevard Sewer Manhole Lining to Ayala Engineering of Anaheim, California, in the amount of \$616,455; and
2. Authorize the City Manager, or designee, to execute the construction contract with Ayala Engineering, including making minor and non-substantive changes, subject to the availability of budgeted funds.

BACKGROUND:

This project proposes to rehabilitate 20 sewer manholes on Van Buren Boulevard by installing Cured In Place Manhole Liner (CIPML) on the inside of the manholes' walls. The CIPML aims to restore the manholes' functionalities and protect them from further deterioration due to aging, corrosion, cracking, missing components, soil movements, and soil loss.

DISCUSSION:

On December 22, 2022, Bid No. 7957 for Van Buren Boulevard Sewer Manhole Lining (Project) was posted on PlanetBids to install CIPML in 20 sewer manholes to restore the manhole functionalities and protect them from further deterioration due to aging, corrosion, cracking, missing components, soil movements, and soil loss (Attachment 1).

On January 20, 2023, two bids were received for the construction of the Project (Attachment 2). Ayala Engineering was the lowest responsive and responsible bidder with a submittal in the amount of \$616,455, which is 1.76% below the Engineer's Estimate.

Contractors	City Location	Bid Amount	Rank
Ayala Engineering	Anaheim, CA	\$616,455	1
Sancon Technologies, Inc.	Huntington Beach, CA	\$1,073,749	2
➤ Engineer's Estimate		\$627,500	

The Purchasing Manager concurs that the recommended action to award complies with Purchasing Resolution 23914.

STRATEGIC PLAN ALIGNMENT:

This project supports **Strategic Priority 6 – Infrastructure, Mobility and Connectivity** and **Goal No. 6.2** – Maintain, protect, and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

It also aligns with each of the Cross-Cutting Threads as follows:

- 1. Community Trust** – This Project aims to repair deteriorated manholes that City's maintenance crew use to access the subterranean sewer mains. Sewer pipes need to be cleaned, inspected, and maintain on a timely manner to provide uninterrupted sanitary sewer services to the businesses and residents of the City.
- 2. Equity** – This Project identifies and corrects deficiencies of the sewer manholes along sewer trunk mains in Wards 6 and 7, which collects and transport flow from the entire City.
- 3. Fiscal Responsibility** – This Project was publicly bid and construction contract will be awarded to the lowest responsive and responsible bidder.
- 4. Innovation** – This Project utilizes structural CIPML in lieu of the conventional method of removal and replacement of the existing manholes, which equates to costs savings in construction time, reduction of traffic impact, and minimize the need for sewer bypassing. The CIPML aims to restore the manhole's functionalities and project them from further deterioration due to aging, corrosion, cracking, missing components, soils movements, and soil loss.
- 5. Sustainability & Resiliency** – The proposed CIPML has a 20-year materials warranty and expected useful life of 50+ years, which is considered as the most reliable and sustainable similar to that of newly installed manholes.

FISCAL IMPACT:

The total fiscal impact of this action is \$770,567. The estimated total Project cost including design, construction, construction engineering and contingencies is \$770,567 (Table 1). Sufficient funds are available in the Sewer Fund, Priority Pipeline Assessment & Repair Project account number 9911523-440301 to award the construction contract and complete the Project.

Table 1 – Project Costs

Task	Amount
Public Works Engineering (In House) Staff	\$30,822
Construction Contract	\$616,455
Construction Contingencies	\$61,645
Construction Engineering, Inspection, and Survey (In House)	\$61,645
Construction Materials Testing (TBD from Approved Panel)	
Total	\$770,567

Prepared by: Gilbert Hernandez, Public Works Director
 Certified as to
 availability of funds: Edward Enriquez, Interim Assistant City Manager/Chief Financial
 Officer/City Treasurer
 Approved by: Kris Martinez, Assistant City Manager
 Approved as to form: Phaedra A. Norton, City Attorney

Attachments:

1. Project Location Map
2. Bid Award Recommendation