
File #: 2023-3038

Agenda Date: 6/28/2023

Agenda Item No: 7.

FROM: Robert Thompson, General Manager
Originator: Riaz Moinuddin, Director of Operations & Maintenance

SUBJECT:

MANHOLE REHABILITATION SERVICES, SPECIFICATION NO. S-2023-1391BD

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

- A. Approve a General Services Contract to Ayala Engineering, Inc. to provide Manhole Rehabilitation Services, Specification No. S-2023-1391BD for a total amount not to exceed \$881,750 for the period beginning July 1, 2023 through June 30, 2024, with four one-year renewal options; and
- B. Approve an annual contingency of \$132,263 (15%).

BACKGROUND

The Orange County Sanitation District (OC San) owns approximately 4,400 manhole structures throughout Orange County that provide access to the wastewater collection system. Manhole structures are typically made of concrete and protectively lined with either an epoxy or PVC coating. As these assets age, the manhole structures require rehabilitation measures due to environmental corrosion, water infiltration, and age to extend their useful life. OC San currently contracts with a service provider to fulfill these needs.

RELEVANT STANDARDS

- Maintain a proactive asset management program
- Protect OC San assets
- Commitment to safety & reducing risk in all operations

PROBLEM

OC San manhole structures are typically made of concrete and protectively lined with either an epoxy or PVC coating. As these assets age, the manhole structures require rehabilitation since coating failures lead to corrosion which eventually compromise the structural integrity of the manhole. The current contracted service has reached the end of its approved renewal periods.

PROPOSED SOLUTION

Staff recommends approving a manhole rehabilitation services contract to Ayala Engineering, Inc.

TIMING CONCERNS

Once concrete or lining starts to fail on a manhole, the damage will spread if corrective action is not taken and, if left for long periods of time, can lead to a potential collapse. Additionally, it is important to react to and urgently repair manholes as lining material separating from the structure could fall into the sewer line causing a sewage spill.

RAMIFICATIONS OF NOT TAKING ACTION

Without a contract in place, degrading manhole structures will continue without mitigation and pose a structural risk to the wastewater collection system and the public. Individual purchase orders in lieu of a convenience blanket contracts are time-consuming and will reduce the speed at which repairs can commence.

PRIOR COMMITTEE/BOARD ACTIONS

N/A

ADDITIONAL INFORMATION

A Notice Inviting Bids was issued on March 9, 2023 via PlanetBids. Bids were due on April 12, 2023. OC San received three bids valid for 180 calendar days from the bid opening date.

BID RESULTS

Company Name:	Bid:	Determination:
Ayala Engineering, Inc.	\$ 881,750	Responsive
Sancon Technologies, Inc.	\$ 965,600	Responsive
Downstream Services, Inc.	\$2,854,561	Responsive
OC San's Engineer Estimate: \$900,000		

Based on the results, staff recommends awarding the contract to Ayala Engineering, Inc. The term of the contract will begin July 1, 2023 through June 30, 2024, with four optional one-year renewals.

CEQA

N/A

FINANCIAL CONSIDERATIONS

This request complies with the authority levels of OC San's Purchasing Ordinance. This budgeted item is in the fiscal year 2023-2024. Line item: Section 6, Page 76.

ATTACHMENT

The following attachment(s) may be viewed online at the OC San website (www.ocsan.gov) with the complete agenda package:

- General Services Contract

MB:ds:sr