



Agenda Item

City Council

Item #: 3.25.

9/14/2021

File #: 21-0494

TO: Honorable Mayor and Members of the City Council

THRU: Rick Otto, City Manager

FROM: Christopher Cash, Public Works Director

1. SUBJECT

Award of contract to Accurate Corrosion Control, Inc. for Reservoir 4 Exterior Cathodic Protection System Installation Project; Bid No. 21-22.01.

2. SUMMARY

Four bids for Reservoir 4 Exterior Cathodic Protection System Installation Project (Project No. W-703) were received and opened on August 19, 2021. The apparent low bidder is Accurate Corrosion Control, Inc.

3. RECOMMENDED ACTION

1. Award contract to Accurate Corrosion Control, Inc. in the amount of \$119,375 for Reservoir 4 Exterior Cathodic Protection System Installation Project; and authorize the Mayor and City Clerk to execute on behalf of the City.
2. Authorize 11,937.50 (10%) of the contract amount for contingency purposes
3. Authorize the appropriation of \$27,900 from the Water Fund unreserved fund balance to expenditure account number 600.8041.56440.18301, Water Fund - Exterior Cathodic Protection Systems.

4. FISCAL IMPACT

The total expenditure, including the 10% contingency, for this contract is \$131,312.50 and will be funded in the Exterior CP Systems (18301) through Water Fund (600).

5. STRATEGIC PLAN GOALS

Goal 1: Provide for a safe community

b: Provide and maintain infrastructure necessary to ensure the safety of the public.

Goal 4: Provide outstanding public service

b: Provide facilities and services to meet customer expectations.

6. DISCUSSION AND BACKGROUND

Constructed in 1968, Reservoir 4 is a five million gallon welded steel water storage tank located at 5300 Avenida Palmar in the southeastern portion of Orange. This partially buried tank requires complete internal and external Cathodic Protection (CP) systems to prevent corrosion to the metal

shell and structural elements. Recent annual monitoring surveys completed by the City's authorized contractor have identified that the reservoir's existing external CP system has reached its service life and is not able to provide sufficient protection as originally designed.

In July 2019, the City retained Corrpro Companies, Inc. to prepare plans and specifications for a new external CP system to replace the existing system. The project scope of work includes installation of a new exterior CP system rectifier, drilling and installation of six new anode beds comprised of silicone cast iron anodes with accompanying anode junction boxes and three test stations around the reservoir perimeter. The project will also include the relocation of the existing internal CP system rectifier to the new pump building, pavement trenching and restoration for new electrical conduits, wires, and reconnection to the existing power panel and meter.

The project was advertised on both July 22, 2021 and August 5, 2021. Bids were received and opened on August 19, 2021, with 4 bidders responding as follows.

Rank	Contractor	Bid Amount
1	Accurate Corrosion Control, Inc., Glendale, AZ	\$119,375
2	Calpromax Engineering, Inc., Placentia, CA	\$135,900
3	Farwest Corrosion Control Company, Downey, CA	\$145,375
4	Minco Construction, Gardena, CA	\$177,700

Accurate Corrosion Control, Inc. is the apparent responsive low bidder. Staff conducted reference checks and received positive feedback on Accurate Corrosion Control's performance. Staff recommends that Accurate Corrosion Control, Inc. be awarded the contract for the Reservoir 4 External Cathodic Protection System Project. Construction is scheduled to begin in November 2021 and is expected to be completed within 120 calendar days.

7. ATTACHMENTS

- Bid Abstract
- Location Map
- Contract