



STAFF REPORT

Meeting Type: Board of Directors
Title: Award of Contract No. 2032 for the 2024 Anode Replacement Contract (D24024) to Exaro Technologies Corporation
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager
Meeting Date: June 4, 2024

TYPE OF ACTION: X Action Information Review and Refer

RECOMMENDATION: Approve a resolution authorizing award of Contract No. 2032, for the 2024 Anode Replacement Contract, to Exaro Technologies Corporation in the amount of \$67,850

SUMMARY: This item was reviewed by the District Operations Committee on May 17, 2024, and was referred to the Board for contract award. The 2024 Anode Replacement Contract will install 59 new magnesium anodes at 53 corrosion test sites throughout the County of Marin to improve cathodic protection of the water distribution system.

DISCUSSION: The 2024 Anode Replacement Contract is a component of the District’s Capital Improvement Program. The District has approximately 6,930 corrosion test stations throughout the distribution system, most of which utilize magnesium anodes, to prevent corrosion damage to the pipelines. These magnesium anodes extend the useful life of the pipelines by preventing leaks and costly damage caused by corrosion. Magnesium anodes gradually deplete over time and have a typical service life of 20 to 30 years. Once depleted, the anode requires replacement in order to provide adequate protection for the pipeline against corrosion. Maintaining the operation of cathodic protection systems is a cost-effective means of preventing premature failure and/or replacement of pipelines in the distribution system.

The District routinely replaces depleted anodes on an annual or bi-annual basis. Anodes needing replacement are determined by the District’s Corrosion Control Technicians when performing system testing and maintenance, and are based on pipe-to-soil readings and current output readings.

On May 9, 2024, the District opened five (5) bids, as shown in Table 1, for the 2024 Anode Replacement Contract. Exaro Technologies Corporation submitted the lowest responsive and responsible bid in the amount of \$67,850. Therefore, staff recommends that the Board of Directors approve a resolution awarding Contract No. 2032 to Exaro Technologies Corporation in the amount of

\$67,850 and authorize the General Manager to execute the contract as well as any necessary amendments to Contract No. 2032, which does not exceed \$6,800.

**Table 1
Bid Results
2024 Anode Replacement Contract**

Bid Rank	Contractor Name	Bid Amount
1.	Exaro Technologies Corporation	\$67,850
2.	W.R. Forde Associations	\$73,875
3.	Corcus Construction, Inc.	\$75,800
4.	D&D Pipelines, Inc.	\$83,700
5.	Michael Paul Company, Inc.	\$103,309

Engineer’s Estimate: \$72,100

Summaries of the estimated project costs and schedule are provided below.

Budget:

Contract Award:	\$ 67,850
Contingency (10%):	\$ 6,800
Materials Fees:	\$ 16,800
District Labor/Inspection:	\$ 23,800
Total Budget	\$115,250
Budget Category:	A1A01

Project Implementation:

Project Advertisement:	April 23, 2024
Bid Opening:	May 9, 2024
Project Award:	June 4, 2024
Estimated Completion Date:	September 2, 2024
Duration:	90 days

ENVIRONMENTAL REVIEW: The Director of Engineering has found that the Project is Categorically Exempt pursuant to California Environmental Quality Act (CEQA) Guideline Section 15302 (c), Replacement of Reconstruction. The project qualifies for exemption pursuant to Section 15302 (c) inasmuch as it is the replacement of cathodic protection involving negligible or no expansion of capacity.

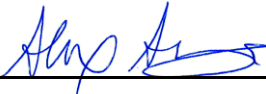
FISCAL IMPACT: The total cost to complete the 2024 Anode Replacement Contract is estimated at \$115,250, which has been identified in the CIP adopted budget.

ATTACHMENT(S):

1. Resolution
2. Draft Notice of Exemption

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
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Engineering



Alex Anaya
Engineering Director



Ben Horenstein
General Manager