



STAFF REPORT

DATE: 12/18/2024

TO: Honorable Mayor and City Council Members
Honorable President and Board Members

FROM: Utilities Department

2024-174

REQUEST FOR CITY COUNCIL AND CORONA UTILITY AUTHORITY ACTION

SUBJECT:

PROFESSIONAL SERVICES AGREEMENT WITH CORRPRO COMPANIES, INC. FOR CATHODIC AND CORROSION PROTECTION SYSTEM ASSESSMENT AND DESIGN SERVICES

EXECUTIVE SUMMARY:

This staff report asks City Council to approve a Professional Services Agreement with Corpro Companies, Inc., Santa Fe Springs, CA, for Cathodic and Corrosion Protection System Assessment and Design Services. The services this agreement provides will ensure system reliability and reduce the risk of corrosion-related failures in the City's metallic pipeline system and other facilities.

RECOMMENDED ACTION:

That the City Council:

- a. Award Request for Proposals 24-042MB to Corpro Companies, Inc. for System Assessment and Design Services.
- b. Approve the Professional Services Agreement with Corpro Companies, Inc. of Santa Fe Springs, CA, for \$200,000 per fiscal year to perform Cathodic and Corrosion Protection System Assessment and Design Services.

- c. Authorize the City Manager, or his designee, to execute the Professional Services Agreement with Corpro Companies, Inc., for a total contract of \$200,000 per fiscal year for the initial contract term ending on June 30, 2025, with two (2) optional two (2) two-year extensions including the ability to negotiate and execute non-substantive changes and extensions, purchase orders and amendments up to \$20,000 or 10% of the original contract amount.

That the Corona Utility Authority review, ratify, and to the extent necessary, direct the City Council to take the above actions.

BACKGROUND & HISTORY:

The Utilities Department (UD) is responsible for protecting the integrity of the City’s nearly 172 miles of metallic potable water piping and 38 miles of reclaimed water metallic pipelines within the City’s 732.5 miles pipeline system. There are other metallic components within the City’s potable and reclaimed water system and wastewater system, including but not limited to steel water storage tanks, deep water wells, water booster stations, sewer lift stations, and water force mains within the City’s service area.

Cathodic Protection is a common method used across industries to safeguard metallic structures like pipelines, storage tanks, and offshore platforms from corrosion, using a low electrical current. Anodes, susceptible metal rods placed near the structure, undergo preferential corrosion, thereby protecting the pipe’s material. The isolated system, employing a rectifier to convert Alternating Current (AC) to Direct Current (DC), poses no threat to surrounding structures or living beings. The current flows from the protected structure through the rectifier to the anodes, effectively mitigating corrosion of the exposed metal.

ANALYSIS:

To mitigate the corrosive effects of soil and water on metallic pipelines, Cathodic Protection is commonly employed to enhance their longevity and prevent premature failure or the need for complete replacement. The proposed assessment and design services will implement a comprehensive program to evaluate and safeguard ferrous metal structures within the UD service area. This initiative seeks to extend the service life of these structures, improve system reliability, and reduce the risk of corrosion-related failures.

On May 13, 2024, the Purchasing Division issued a Request for Proposal (RFP) No. 24-042MB following the City Municipal Code [Section 3.08.110](#). UD received proposals from six contractors for Cathodic and Corrosion Protection System Assessment and Design Services. Staff received the following proposals:

Vendor	City	Evaluation Ranking
Corpro Companies, Inc.	Santa Fe Springs	1
Alisto Engineering Group	Walnut Creek	2
JDH Corrosion Consultants, Inc.	Concord	3

V&A Consulting Engineers	San Diego	4
Accurate Corrosion Control	Glendale, AZ	5
Farwest Corrosion Control Company	Downey	6

Proposals were evaluated based on five criteria outlined in the Request for Proposals: completeness of Response, Work Plan/Work Organization, Qualification of Company and Personnel (Experience), Approach to Safety Measures, and Reasonableness of Cost and Price.

Following the analysis of the proposals' evaluation, it was determined that Corrpro Companies, Inc. exhibited the essential skills, experience, and staffing required for the successful execution of the project's scope of work. Corrpro Companies, Inc. was able to show in their statement of qualification a clear understanding of the scope of work for the project and showed that they have successfully completed such projects. Corrpro Companies, Inc. provided a compensation schedule for the design of the corrosion protection system based on the criteria established in the bid documents, and their cost was the lowest.

Staff recommends that the City Council approve the Corrpro Companies, Inc. agreement for Cathodic and Corrosion Protection System Assessment and Design Services.

FINANCIAL IMPACT:

Funding for the recommended actions is available in the Cathodic Protection System Plan for Facilities and Pipeline Infrastructure Operating and Maintenance Project No. 77520 within the Water Utility Fund 570 for Fiscal Year 2025. Future funding will be recommended through the annual budget process.

ENVIRONMENTAL ANALYSIS:

This action is categorically exempt pursuant to Section 15302 (c) of the Guidelines for the California Environmental Quality Action (CEQA), which states that "operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the CEQA determination" and is therefore exempt from CEQA. This action involves repairs to existing infrastructure to maintain public health and safety. Therefore, is exempt from the requirements of CEQA, and no environmental analysis is required.

PREPARED BY: AFTAB HUSSAIN, MAINTENANCE MANAGER

REVIEWED BY: TOM MOODY, DIRECTOR OF UTILITIES

ATTACHMENTS:

1. Exhibit 1 – Corrpro Companies, Inc. Professional Services Agreement

