



AGENDA MEMORANDUM

Action Item for the City Council Meeting of May 24, 2022

DATE: May 24, 2022

TO: Peter Zaroni, City Manager

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<p style="text-align: center;"><u>Professional Services Contract</u> South Side Water Transmission Main</p>

CAPTION:

Motion authorizing a professional services contract with Corpro Companies, Inc., Houston, Texas, to provide field discovery, testing, design, bid, and construction phase services for cathodic protection for the South Side Water Transmission Main project in an amount not to exceed \$140,000, located in City Council District 4 and 5, with FY 2022 funding available from Water Capital Fund.

SUMMARY:

This motion authorizes approval of a professional services contract for field discovery, testing, design, bid, and construction phase services for installation of cathodic protection to protect and extend the useful service life of the South Side Water Transmission Main.

BACKGROUND AND PURPOSE:

The South Side Water Transmission Main was constructed per the 1997 Water Distribution Master Plan over the past 50 years in different phases. The transmission mains consist of 42-inch and 24-inch steel pipes that stretches approximately 15 miles. The large diameter transmission main begins at south Staples Street and runs along the southside of the City through Flour Bluff, to the island. Cathodic protection is an effective method to protect underground steel infrastructure from corrosion as they age.

This professional services agreement provides services for field discovery, testing, design, and construction phase services for water distribution transmission infrastructure cathodic protection that will protect and extend useful service life of the South Side Water Transmission Main. The project also provides for the commission of a cathodic protection system and training of City personnel.

PROJECT TIMELINE:

2022	2022-2023			2023
May - October	N	D	J	February - September
Design	Bid/Award			Construction

Project schedule reflects City Council award in May 2022 with anticipated construction completion in September 2023.

COMPETITIVE SOLICITATION PROCESS:

Corrpro Companies, Inc., was selected in July 2021 under RFQ No. 3609 for South Side Water Transmission Main project. The South Side Water Transmission Main project was one of three projects announced under the Water and Wastewater CIP RFQ. Twelve firms submitted under the Water and Wastewater CIP RFQ, and Corrpro Companies, Inc., was one of the highest ranked firms.

The selection committee was comprised of representatives from the Utilities Department and Engineering Services. The final evaluation ranked Corrpro Companies, Inc. as the highest ranked firm based on three factors: 1) firm’s experience, 2) team’s experience, and 3) understanding of project scope.

Corrpro Companies, Inc. has over 35 years of experience in corrosion prevention and has successfully completed several cathodic protection projects. Past projects include Corrosion Prevention and Rehabilitation and Drinking Water Operations; Design-Build Water Tank Cathodic Protection Systems for the City of Houston, Pipeline Improvement Initiative (PII Program) Study-Design-Build Cathodic Protection and Stray Current Mitigation systems for Exxon Mobile.

ALTERNATIVES:

Council could choose not to award the professional services contract. Not awarding the contract will delay necessary cathodic protection improvements to South Side Water Transmission Main, causing premature failures and reduce the useful service life of the steel transmission main.

FISCAL IMPACT:

The fiscal impact for FY 2022 is an amount not to exceed \$140,000.00 with funding available from the Water Capital Fund. The FY 2022 Capital Improvement Program (CIP) budgeted \$90,000 for the design of the project. The remaining \$60,000 will be allocated from the construction budget of the project.

FUNDING DETAIL:

Fund: **Water 2022 CIP (Fund 4484)**
Mission Elem: Water Distribution (041)
Project: South Side Water Transmission Main (Project No. 21041)
Account: Design / Outside Consultants (550950)
Activity: 21041-4484-EXP
Amount: \$140,000.00

RECOMMENDATION:

Staff recommends approval of the professional services contract with Corpro Companies, Inc. in an amount not to exceed \$140,000 for South Side Water Transmission Main. The design phase will begin in May 2022 with design completion planned by October 2022. Construction is anticipated to begin in February 2023 with completion by September of 2023.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Evaluation Matrix
Contract
CIP Page
Power Point Presentation