



AGENDA MEMORANDUM
Action Item for the City Council Meeting September 19, 2023

DATE: September 19, 2023

TO: Peter Zaroni, City Manager

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<p><u>Professional Services Contract Amendment No. 1</u> ONSWTP Navigation Pump Station Improvements</p>

CAPTION:

Motion authorizing a professional services contract amendment No. 1 with CP&Y Inc., San Antonio, Texas, to provide design and construction phase services for the Navigation Pump Station Improvements Project in an amount of \$1,250,552.00 for a total restated fee not to exceed \$1,530,765.00, with FY 2023 funding available from Water Capital Fund.

SUMMARY:

This motion authorizes approval of a professional services contract amendment No. 1 to provide design services including construction phase services for the Navigation Pump Station Improvements Project and hydraulic modeling to improve and optimize water infrastructure planning. The Navigation Pump Station is located in council district 1.

BACKGROUND AND FINDINGS:

The City of Corpus Christi owns the Navigation Pump Station (PS), located at 302 North Navigation Blvd, Corpus Christi, Texas, which consists of 2 - 10 MG ground storage tanks, three 350 HP booster pumping assemblies, control valves, and other associated equipment. The system has been decommissioned since 2018 due to hydraulic integration challenges.

Prior to proceeding with the full project design, it was imperative to determine the most effective alignment for the associated transmission line that is required for the pump station improvements. Hydraulic modeling was conducted and a Preliminary Engineering Report with recommendations

was Prepared by CP&Y Inc. in July 2023. This report provided recommendations for pump station and transmission system improvements. All of which will optimize flow and pressure for the city. The recommendations were reviewed and made in coordination with CCW staff.

The design includes approximately 6,000 linear feet of 36-inch transmission supply line, 1000 linear feet of 36-inch transmission discharge line with a disinfection boosting system at the pump station. Additional scope includes hydraulic modeling updates, calibration of the system, and on-call modeling support.

PROJECT TIMELINE:

2023-2024	2024 - 2025	2025 - 2026
September - November	December - February	March - July
Design	Bid/Award	Construction

Projected schedule reflects City Council award of design services in September 2023 with anticipated construction completion by July 2026.

COMPETITIVE SOLICITATION PROCESS:

CP&Y, Inc. was selected for FY 2022 Professional Services for Capital Improvement Projects, under Request for Qualifications (RFQ) 3977. ONSWTP Navigation Pump Station Improvements was one of nine selections that were announced under the Utility Projects Category of the RFQ.

The selection committee was comprised of representatives from CCW and Engineering Services.

The final evaluation ranked CP&Y, Inc. the highest and recommended the firm as most qualified based five factors:

- 1) Experience of the firm
- 2) Experience of the key personnel with specific experience in major water supply dams and water treatment plants as well as water and wastewater treatment
- 3) Project approach and management plan
- 4) Capacity to meet the project requirements and timelines
- 5) Past performance

CP&Y, Inc. are leaders in the water/wastewater industry, they have provided services for over 300 water- and wastewater-related projects. Some of the previous projects that were completed by CP&Y, Inc. are the Holly and Rand Morgan Elevated Storage Tank Design.

ALTERNATIVES:

Council could choose not to award the contract to CP&Y, Inc. Not awarding the contract for professional services to CP&Y, Inc., will delay necessary improvements and may affect the ability to satisfy the safety, operational, and regulatory requirements.

FISCAL IMPACT:

The fiscal impact to FY 2023 is an amount not to exceed \$1,250,552.00 with funding available through the Water Capital Fund.

Funding Detail:

Fund: WTRCP RR 032950 2023 (Fund 4487)
Department: Water (45)
Organization: Grants & Capital Projects Funds (89)
Project: ONSWTP Navigation Pump Station Improvements (Project No. 22405)
Account: Outside Consultants (550950)
Activity: 22405-4487-EXP
Amount: \$1,250,552.00

RECOMMENDATION:

Staff recommends approval of the professional services contract amendment No. 1 with CP&Y, Inc., in an amount not to exceed \$1,250,552.00 for the ONSWTP Navigation Pump Station Improvements project. The design phase will resume in September 2023 with anticipated completion by November 2024.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Proposal
CIP Page
Presentation