



AGENDA MEMORANDUM

Action Item for the City Council Meeting of February 13, 2024

DATE: February 13, 2024

TO: Peter Zaroni, City Manager

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Professional Services Contract
Allison WWTP Operation & Control Center

CAPTION:

Motion authorizing a professional services contract with Turner Ramirez Architects, Corpus Christi, Texas, in an amount not to exceed \$269,742.00 for the design of a new Allison WWTP Operation & Control Center located in Council District 1 with FY 2024 funding available from Revenue Bonds.

SUMMARY:

This motion authorizes approval of a professional services contract to provide design, bid, and construction phase services for the Allison WWTP Operation & Control Center. This project proposes to construct a new 4,600 square foot operations and control facility that is equipped to serve current and future wastewater process control functions.

BACKGROUND AND FINDINGS:

The City of Corpus Christi presently owns and operates six (6) wastewater treatment facilities. Although numerous improvements have been made to treatment processes over the decades, much of the facility infrastructure has been in service for over 50 years and suffered from decades of neglect. The Allison WWTP is located along the Nueces River at the end of Allison Road on 13.2 acres. The Allison WWTP serves a significant portion of the Northwest area of Corpus Christi. It was originally constructed in 1965 as a two million gallons per day (MGD) average daily flow capacity and was expanded in 1984 to its current capacity of five MGD.

This building contains a process control laboratory, vent hoods, controls center, monitoring stations, emergency power, offices, restrooms/locker rooms, a breakroom/conference room and

rehabilitation of the existing parking area. The impact of age, the wastewater and local environment, combined with the lack of capital improvements, has taken its toll on the facility. Improvements will allow staff to remotely monitor and control treatment processes, equipment, and flows. These improvements will speed response times to changes in the treatment process, create a better effluent, mitigate system upsets, and quickly identify equipment failures.

A cost impact and feasibility analysis were carried out comparing option 1 which was to expand the current facility to the south, against option 2 new construction of a modern facility. It was determined there was no benefit financially to expand due to the current conditions of the facility. The building would need to be brought up to code in all areas, which would require substantial capital and demolition efforts in order to meet the new operational requirements.

PROJECT TIMELINE

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

Projected schedule reflects City Council award design services in February 2024, with conceptual design, and permitting completion anticipated by end of November 2024. The project schedule is dependent on a timely issuance of Notice to Proceed and is based on estimated time periods for review and response.

COMPETITIVE SOLICITATION PROCESS:

Turner Ramirez Architects was selected for the Professional Engineering Service in January 2022 under RFQ 3977, Professional Engineering Services for Capital Improvement Projects FY2022. Turner Ramirez Architects is one of 9 firms that submitted qualifications for this project announcement and is a local firm that has successfully completed several City projects of similar size and scope.

On December 13, 2021, the Contracts and Procurement Department issued a Request for Qualifications for engineering services with the RFQ Number 3977 for Professional Engineering Services for Capital Improvement Projects FY2022. The City received a total of 9 Statements of Qualifications. The selection committee consisted of representatives from Engineering Services, Wastewater Department, and the City Manager’s Office (non-scoring member).

ALTERNATIVES:

City Council could choose not to approve the proposed professional services agreement; however, the Allison WWTP Operation & Control Center is an approved project in the Wastewater CIP for FY 2024, and it will cause a delay in the development of the unified Wastewater Treatment Plant Office Facilities if this professional services agreement is not approved.

FISCAL IMPACT:

The fiscal impact in FY 2024 is an amount of \$269,742.00 with funding available from the

Wastewater Department revenue bonds.

FUNDING DETAIL:

Fund: WW 2024 CIP (Fund 4259)
Department: Wastewater (46)
Organization: Grants & Capital Project Funds (89)
Project: WWTP Operation & Control Center- Allison (Project No. 22155)
Account: Outside Consultants (550950)
Activity: 22155-4259-EXP
Amount: \$269,742.00

RECOMMENDATION:

Staff recommends approval of the professional services contract with Turner Ramirez Architects, in an amount not to exceed \$263,830.00 for Allison WWTP Operation & Control Center. The design will begin in January 2024 with estimated design completion in November 2024.

LIST OF SUPPORTING DOCUMENTS:

Evaluation Matrix
Contract
CIP Page
Location and Vicinity Maps
PowerPoint