



AGENDA MEMORANDUM

Action Item for the City Council Meeting of April 18, 2023

DATE: April 18, 2023

TO: Peter Zanoni, City Manager

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Professional Services Contract **North Beach Drainage Improvements**

CAPTION:

Motion authorizing a professional services contract with Lockwood, Andrews & Newman, Inc. in an amount not to exceed \$720,760.00 to provide design, bid, and construction phase services for Phase 1 of a linear park canal and drainage improvements from the North Beach Eco Park to Surfside Park located in Council District 1, with FY 2023 funding available from the American Rescue Plan Grant Funds.

SUMMARY:

This motion awards a professional services contract for the design, permitting, bid documents and construction phase services for the Linear Park Canal to relieve ongoing drainage issues on North Beach.

BACKGROUND AND PURPOSE:

North Beach has been a tourist destination for over 100 years. Located on the northern peninsula of Corpus Christi, North Beach provides public access to beaches, boat launches, shopping stores, restaurants, and tourist attractions such as the Texas State Aquarium and USS Lexington.

However, North Beach experiences frequent flooding from a variety of sources to include tidal rises, rainfall, and drainage backflow. This flooding has a negative impact on the area’s roadways and potential for economic development.

On October 25, 2022, City Council approved the North Beach Strategic Development Plan (SDP), completed by MIG Consulting, LLC which included the recommendation to move forward with the Linear Park Improvements (Option 2). The SDP recommended several measures to alleviate short and long-term flooding, including a coastal barrier (dune) system, elevating key access routes, upgrading storm water conveyance with a linear park canal, and installation of backflow prevention in the low-lying areas. The improvements will be implemented over time in a phased approach.

The professional services agreement is for the first phase of the project from Surfside Park to Eco Park. The scope of will include open channel improvements, roadside ditch improvements, and a new outfall near Timon Marsh, connecting to the future Eco Park. The project may also require two, two-lane single span low profile bridges over the canal, one at Gulf Spray Avenue and another one at Beach Avenue. The bridges will be designed as a separate project. The project has overall funding of \$14 million for design and construction of which \$5 million is funded through the American Rescue Plan grant funds, \$2.5 million is funded through Bond 2018; \$4.5 million is funded through Bond 2020 and Bond 2022; and \$2 million is funded from the General Fund.

PROJECT TIMELINE:

2023-2024	2024	2024-2025
May - April	May - August	September - October
Design	Bid/Award	Construction

Projected schedule reflects City Council award of professional services in May 2023 with anticipated completion by October 2025.

COMPETITIVE SOLICITATION PROCESS:

Lockwood, Andrews & Newman, Inc. was selected in June of 2022 under RFQ 3977-Professional Engineering Services for North Beach Drainage Improvements project, which was one of two projects announced under the Stormwater CIP 2022 Projects category of the RFQ. Five firms submitted qualifications for the North Beach Drainage Improvements project.

The selection committee was comprised of representatives from the Public Works and Engineering Services Department. The final evaluation ranked Lockwood, Andrews & Newman, Inc. as the highest ranked firm based on four factors: 1) “Experience on projects of similar scope and complexity”, 2) “Team members experience with work of similar scope and complexity”, 3) “Demonstrated understanding of the scope of services”, and 4) “Demonstrated experience providing these services”.

Lockwood, Andrews & Newman, Inc. has worked on several City projects. Some of the projects include North Beach Navigable Canal preliminary design, Major Ditch Improvements, Navigation and Kostoryz Value Engineering Studies, Stormwater Drainage Channel Improvements, and Greenwood WWTP System Improvements.

ALTERNATIVES:

Council could elect not to award the contract to Lockwood, Andrews & Newman, Inc. Not awarding the contract for professional services will delay flood relief to the properties adjacent to the North Beach area and increasing the potential for long-term flooding damage.

FISCAL IMPACT:

The fiscal impact to FY 2023 is an amount not to exceed \$720,760.00 with funding available from the American Rescue Plan Grant Funds. The project budget totals \$7,000,000. The award of this contract will leave a remaining balance of \$6,279,240.

FUNDING DETAIL:

Fund: American Rescue Plan Grant (Fund 1076)
Department: Infrastructure (17)
Org: Grants and Capital Projects (89)
Account: Design (550950)
Activity: 421007-F-1076-EXP
Amount \$720,760.00

RECOMMENDATION:

Staff recommends approval of the professional services contract with Lockwood, Andrews & Newman, Inc. in an amount not to exceed \$720,760.00 to provide design, bid, and construction phase services for the North Beach Drainage Improvements. The design will begin in May 2023 with estimated design completion by April 2024.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Evaluation Matrix
Proposal
Presentation