



AGENDA MEMORANDUM

First Reading for the City Council Meeting of June 16, 2020
Second Reading for the City Council Meeting of June 23, 2020

DATE: June 2, 2020

TO: Peter Zaroni, City Manager

FROM: Jeff H. Edmonds, P. E., Director of Engineering Services
jeffrey@cctexas.com
(361) 826-3851

Richard Martinez, Director of Public Works
richardm5@cctexas.com
(361) 826-3419

Kim Baker, Director of Contracts and Procurement
kimb2@cctexas.com
(361) 826-3169

<p style="text-align: center;"><u>Professional Services Contract</u> North Beach Navigable Canal Project, Phase I</p>

CAPTION:

Ordinance authorizing a Professional Services Agreement for design services with Lockwood, Andrews & Newman, Inc. for the North Beach Navigable Canal project in an amount not to exceed \$508,988 for Phase I services which include a determination of the project scope and limits and whether or not the canal will function as a major drainage facility and be navigable, located in City Council District 1, with funding available from financial reserves within the Storm Water Capital Funds.

SUMMARY:

This contract will finalize the North Beach canal's scope and project limits that were previously developed and determine whether or not the canal will function as a major drainage facility and be navigable.

BACKGROUND AND PURPOSE:

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

North Beach experiences rain event drainage issues and high tidal driven flooding. The high tide flooding causes ponding in low-lying areas and impedes area drainage from modest rainfall events. The ponding and poor drainage has a negative impact on the area's economic development. North Beach Drainage Assessment Report prepared by Urban Engineering in 2019 has indicated that the construction of a navigable canal could help mitigate the flooding issue.

On December 17, 2019, the City of Corpus Christi City Council passed an ordinance authorizing the design and construction of a navigable canal on North Beach in Corpus Christi, Texas. This contract will finalize the navigable canal's scope and project limits as well as determining if the navigable canal will be functional for its intended use of being navigable and of being a major drainage facility solving drainage issues in North Beach. Some of the tasks include an advanced concept of the canal design, drainage analysis and concepts, traffic analysis and access impacts, determination of regulatory requirements, determination of real estate availability, and the preparation of a written report. Based on the findings of Phase I, additional work may be awarded to the same firm.

PROJECT TIMELINE:

If approved by City Council in June, a notice to proceed will be issued and the Phase 1 scope of work should be complete should be complete by December 2020.

COMPETITIVE SOLICITATION PROCESS

The Contracts and Procurement Department issued a Request for Qualifications for the engineering services for North Beach Navigable Canal. LAN was the only firm that submitted their qualifications. A technical evaluation was performed by the selection committee. The technical evaluation team consisted of seven team members including staff from the City Manager's Office, Engineering Department, Nueces County, the Texas State Aquarium and an external Engineer. LAN is being recommend for award as technically qualified to perform these services and a contract has been negotiated for Phase I.

ALTERNATIVES:

Not awarding the contract will delay the North Beach Navigable Canal Project.

FISCAL IMPACT:

The FY 2020 Capital Improvement Program Budget is amended to create the project 20277 North Beach Navigable Canal. This contract authorizes design services for North Beach Navigable Canal Project in an amount not to exceed of \$508,988 with funding available from interest earning in Storm Water Capital Funds 3494, 3495, 3497, 3498, 4531 and 4540.

Funding Detail:

Fund:	Storm Water 2012A Revenue Bond (Fund 3494)
Mission Element:	Drainage infrastructure -surface/pipes (ME 043)
Project No.:	North Beach Navigable Canal (20277)
Account:	Outside Consultants (550950)
Activity:	20277-3494-EXP
Amount:	\$14,434.02

Fund:	Storm Water 2012B Revenue Bond (Fund 3495)
-------	--

Mission Element: Drainage infrastructure -surface/pipes (ME 043)
Project No.: North Beach Navigable Canal (20277)
Account: Outside Consultants (550950)
Activity: 20277-3495-EXP
Amount: \$45,161.58

Fund: Storm Water 2013 Revenue Bond (Fund 3497)
Mission Element: Drainage infrastructure -surface/pipes (ME 043)
Project No.: North Beach Navigable Canal (20277)
Account: Outside Consultants (550950)
Activity: 20277-3497-EXP
Amount: \$128,882.95

Fund: Storm Water 2013 support for Bond 12 Revenue Bond (Fund 3498)
Mission Element: Drainage infrastructure -surface/pipes (ME 043)
Project No.: North Beach Navigable Canal (20277)
Account: Outside Consultants (550950)
Activity: 20277-3498-EXP
Amount: \$58,942.71

Fund: Storm Water 2015 support for Bond 14 Revenue Bond (Fund 4531)
Mission Element: Drainage infrastructure -surface/pipes (ME 043)
Project No.: North Beach Navigable Canal (20277)
Account: Outside Consultants (550950)
Activity: 20277-4531-EXP
Amount: \$124,483.29

Fund: Storm Water Capital Reserve Fund (Fund 4540)
Mission Element: Drainage infrastructure -surface/pipes (ME 043)
Project No.: North Beach Navigable Canal (20277)
Account: Outside Consultants (550950)
Activity: 20277-4540-EXP
Amount: \$137,083.45

RECOMMENDATION:

Staff recommends approval of the contract for Phase I design services for North Beach Navigable Canal project in an amount not to exceed of \$508,988.

LIST OF SUPPORTING DOCUMENTS:

Location Maps
Contract