



"The Best Waterfront City in Which to Live, Work and Play."

CITY OF RIVIERA BEACH – MEMORANDUM

TO: HON. MAYOR, CHAIRPERSON, AND CITY COUNCIL/ UTILITY SPECIAL DISTRICT BOARD OF DIRECTORS

THROUGH: JONATHAN EVANS, CITY MANAGER, MPA, MBA, ICMA-CM

FROM: DEIRDRE M. JACOBS, INTERIM DIRECTOR OF UTILITIES, MPA

SUBJECT: **MASTER LIFT STATION 1A STRUCTURAL REPAIRS PROPOSAL RATIFYING THE ONGOING SERVICES BY HOLTZ CONSULTING ENGINEERS, INC.**

DATE: OCTOBER 20, 2021

CC: GENERAL PUBLIC

Background:

Earlier this year, staff learned that the below ground wet pit of Master Lift Station 1A is structurally compromised. Corrosive gases within the wet pit have substantially deteriorated the concrete structure including the rebar in the top slab of the wet pit which is also the floor of the above ground building.

As this master lift station basically serves all of the District's customers east of the railroad tracks and President Barack Obama Highway, further deterioration could potentially be catastrophic and the condition of aforementioned structure needs to be improved upon in an expedited basis. Also, the large quantity of wastewater which may have disease-causing organisms, may spill on the ground, enter surface waters that are used for fishing, swimming and recreation, and even back up into the homes and businesses within the communities. In addition, the repairs are needed to protect the safety of the City employees that enter the building to operate and maintain this lift station on a daily basis.

The Capital Improvement Plan for FY2021/2122 through FY 2025/2026 was adopted by ordinance on September 29, 2020. The Utility Special District has included lift station



rehabilitation in its 5-year Capital Improvement Plan budget. In addition to the repairs protecting the safety of the City's employees, this will improve the integrity and reliability of the wastewater transmission system thereby protecting the health, safety, and welfare of our customers.

In the interest of protecting the public health, safety, and welfare, etc. the Utility Special District has asked Holtz Consulting Engineers, Inc. to provide support services for the repairs and upgrades to wastewater Master Lift Station 1A and Holtz Consulting Engineers, Inc. subsequently provided a proposal. The Utility Special District and Holtz Consulting Engineers, Inc. entered into contracts for consulting engineering design and construction support services on July 16, 2018 which was renewed on April 23, 2021.

The total construction cost for the structural improvements at this master lift station, with an additional 9% contingency, is \$916,690.00. The goal of this memo and resolution is to bring forward funds to the Lift Station Rehabilitation - Phase I project and to begin immediate structural improvements to the lift station.

City Goals:

A Citywide Goal is to Accelerate Operational Excellence.

The Project is within the 5-year Capital Improvement Plan budget and is consistent with Goal 4.6 to develop and update the Capital Improvement Plan.

Fiscal/Budget Impact:

The City of Riviera Beach Utility Special District issued Series 2016 Water and Sewer Revenue Bond of September 14, 2016 in the amount of \$33,205,000.

The Lift Station Rehabilitation, Phase I Project is under Project Number 18135 on page 51 of the FY2021/2025 5-year Capital Improvement Plan. The FY2022/2026 5-year Capital Improvement Plan has not yet been published. The current available budget in the Tyler system is \$168,574.32 for Project Number 18135 with a 2016 bond funding source. The District is asking the Board to authorize transferring \$748,115.68 from the Inspection Water Main Crossing Project 22005 to Project Number 18135; and to authorize payments be issued in the amount of \$916,690.00 from Project Number 18135.

Recommendation:

Staff recommends the Board of Directors of the City of Riviera Beach Utility Special District to approve the associated Resolution selecting Holtz Consulting Engineers, Inc. to provide emergency support services for the repairs and upgrades to the master lift station.

Attachments:

Proposed Resolution
Previously Executed Contracts with Holtz Consulting Engineers, Inc.
Holtz Consulting Engineers, Inc.'s Proposal

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