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**CITY OF RIVIERA BEACH – MEMORANDUM**

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

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

**FROM:** DEIRDRE JACOBS, INTERIM DIRECTOR OF UTILITIES, MPA

**SUBJECT:** **PARALLEL INTRACOASTAL WATER MAIN CROSSING  
IMPROVEMENT PROJECT - PROPOSAL FROM CHEN  
MOORE AND ASSOCIATES, INC. TO PERFORM CONSULTING  
ENGINEERING DESIGN AND ENGINEERING SUPPORT  
SERVICES**

**DATE:** JUNE 17, 2020

**CC:** GENERAL PUBLIC

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**Background:**

Background for the Parallel Intracoastal Water Main Crossing Improvement Project includes the following:

February 2013:

The Utility Special District Water and Wastewater Master Plan recommended a new 16-inch inside diameter water main be designed and constructed across the Intracoastal Waterway. The primary purpose of this project is to replace the existing 16-inch water main crossing the Intracoastal Waterway due to the age of the existing water main, preventing loss of potable water service, preventing loss of fire protection, and preventing a moratorium on development in the case of a failure; and

July 16, 2018:

The Utility Special District and Chen Moore and Associates, Inc. entered into contracts for consulting engineering design and engineering support services on July 16, 2018; and



September 18, 2020:

The FY2020-2024 Capital Improvement Plan was adopted by ordinance on September 18, 2020. The Utility Special District has included the improvement of the parallel 16-inch inside diameter water main crossing the Intracoastal Waterway in its 5-year Capital Improvement Plan budget. It is estimated that the replacement will consist of approximately 4,000 LF of 16-inch inside diameter (I.D.) water main installed via horizontal directional drill and 1,500 LF of 16-inch I.D. water main installed via open cut. The new pipe will be connected to the existing 16-inch I.D. water main on the west and east side of the Intracoastal Waterway; and

May 26, 2020:

In the interest of protecting the public health, safety, and welfare, and at the request of the Utility Special District, Chen Moore and Associates, Inc. submitted a proposal to design and provide other engineering support services for the installation of the 16-inch inside diameter water main.

### **Citywide Goal:**

The Parallel Intracoastal Water Main Crossing Improvement Project is in the 5-year Capital Improvement Plan budget and is consistent with Goal 4.6 to develop and update the Capital Improvement Plan.

### **Budget/Fiscal Impact:**

As bonds are the source of funds for this project, this project will not have an impact on the operating budget.

The City of Riviera Beach Utility Special District has a Water and Sewer Revenue Bond of July 25, 2014 in the amount of \$22,645,000 and a Water and Sewer Revenue Bond of September 14, 2016 in the amount of \$33,205,000.

The 5-year Capital Improvement Plan budget has a budget of \$3,193,000 for the Parallel Intracoastal Water Main Crossing Improvement Project under project number 18131. The Parallel Intracoastal Water Main Crossing Improvement Project is on pages 52 & 62 of the 5-year Capital Improvement Plan. The budget over five years is \$3,193,000 for Project number 18131. The FY2020 component is \$300,000. The FY2021 allotment of the budget will be reduced by \$100,000 and the FY2020 allotment of the budget will be increased by \$100,000 bringing the FY2020 allotment of the budget to \$400,000. Chen Moore and Associates, Inc.'s proposal to perform design and provide other engineering



support services for the installation of the 16-inch inside diameter water main is in the amount of \$393,815.

**Recommendation(s):**

It is recommended that the Board of Directors of the City of Riviera Beach Utility Special District approve this Resolution Number 06-20 UD selecting Chen Moore and Associates, Inc., to perform engineering design services and provide other engineering support services for the installation of the 16-inch inside diameter water main under the continuing consulting engineering services contracts of July 16, 2018 between the Utility Special District and Chen Moore and Associates, Inc.

**Attachment(s):**

1. Resolution
2. Chen Moore Proposal Parallel Intracoastal Water Main
3. Chen Moore Existing 2018 Consulting Engineering Contracts
4. Water Main Crossing Improvement Project Map