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**CITY OF RIVIERA BEACH – MEMORANDUM**

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**TO:** HON. MAYOR, CHAIRPERSON AND BOARD

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

**FROM:** JONATHAN BATISTA, INTERIM EXECUTIVE DIRECTOR

**SUBJECT:** **EAC CONSULTING, INC. PHASE II LIFT STATIONS  
CONDITION ASSESSMENT AND ODOR CONTROL STUDY**

**DATE:** DECEMBER 16, 2020

**CC:** GENERAL PUBLIC

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**Background:**

The Utility Special District (District) has requested a proposal from EAC Consulting, Inc. to perform a condition assessment on all of its lift stations. The District currently maintains fifty-one (51) lift stations within the limits of the City, including five (5) lift stations located on the coastal community of Singer Island of which two (2) are master stations and three (3) are sub-master stations.

The District performed a high-level condition assessment of all its lift stations in 2012 and a condition score was developed to rate each station. This information was summarized and included in its 2013 Water and Wastewater Master Plan.

Except for stations which were rehabilitated recently, in general, the inventory of lift stations are in moderate to poor condition and require either rehabilitation or replacement due to age and deterioration. More specifically, the District has fourteen (14) lift stations that are in a critical state and require immediate attention.

Accordingly, the District is requesting that this effort be phased to address the critical lift stations first. The first phase (Phase I) will consist of improvements to the following lift stations: 9, 11, 13, 14, 18, 19, 20, 25, 26, 30, 37, 39, 40 and 41, which was approved on November 18, 2020 by Resolution Number 27-20UD. The second phase (Phase II) will consist of the remaining thirty-seven (37) stations.



Further, Phase II will also include an odor control assessment for three (3) Lift Stations (1A, 10 and 12). The odor control study will involve system performance monitoring, condition assessments and providing alternative odor abatement strategies and recommendations.

**Citywide Goal:**

Accelerate operational excellence.

**Budget/Fiscal Impact:**

This item is budgeted in the Utility Special District's Capital Improvement Plan Lift Station Rehab Phase II, Project #18135, in the amount of \$244,640.00.

**Recommendation(s):**

Staff recommends that the Board approve the Resolution authorizing EAC Consulting, Inc. to conduct the Phase II Lift Stations Condition Assessment and Odor Control Study.