



CITY OF RIVIERA BEACH – MEMORANDUM

TO: HON. MAYOR, CHAIRPERSON AND BOARD

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

FROM: JONATHAN BATISTA, ACTING EXECUTIVE DIRECTOR

SUBJECT: **EAC CONSULTING, INC. CITYWIDE LIFT STATION
CONDITION ASSESSMENT STUDY**

DATE: NOVEMBER 18, 2020

CC: GENERAL PUBLIC

Background:

The City of Riviera Beach Utility Special District (District) has requested a proposal from EAC to perform a condition assessment of all of its lift stations within the City's limits. 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. Two (2) of the existing lift stations 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; a condition score was developed to rate each station. This information was summarized and included in its 2013 Water and Wastewater Master Plan.

With the exception of stations recently rehabilitated, the stations in general are in moderate to poor condition and require either rehabilitation or replacement due to age and deterioration. The District needs to develop a Capital Improvement Plan (CIP) to address these deficiencies. Therefore a condition assessment is required to assist in prioritizing critical investments that must be made now as opposed to investments that can occur over time, while maintaining the functionality of the overall system.

More specifically, fourteen (14) lift stations are in a critical state and require immediate attention. Accordingly, the District is requesting that this project be phased to address these critical lift stations first. The first phase (Phase I) will consist of the following lift stations: LS 9, 11, 13, 14, 18, 19, 20, 25, 26, 30, 37, 39, 40 & 41. The second phase (Phase



II) will consist of the remaining thirty-seven (37) stations. In addition, Phase II will include an odor control study 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 1, Project #18135 in the amount of \$244,640.

Recommendation(s):

Staff recommends that the Board approve the proposal from EAC Consulting, Inc. to provide a Citywide Lift Station Condition Assessment Study.