



CITY OF RIVIERA BEACH – MEMORANDUM

TO: HON. MAYOR, CHAIRPERSON AND BOARD

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

FROM: DEIRDRE M. JACOBS, INTERIM DIRECTOR
UTILITY SPECIAL DISTRICT

SUBJECT: **WATER TREATMENT PLANT HIGH SERVICE PUMPS -
HUDSON PUMP & EQUIPMENT**

DATE: APRIL 15, 2020

CC: GENERAL PUBLIC

Background:

The City's Utility Special District Water Treatment Plant (WTP) experienced electrical issues including a voltage decrease on Saturday, November 2, 2019 that caused damage to some of the WTP's high service pumps.

The WTP has seven (7) Turbine Potable Water High Service Pumps, which are used to pump drinking water to the Distribution System. Three (3) of these high service pumps are out of service at this time which affects the consistency of being able to provide potable water service during peak hours. Considering the fact that these pumps have been continually used and surpassed their useful life cycle, their capacity to operate effectively and efficiently has diminished. Accordingly, it is necessary to purchase replacement pumps in an effort to achieve optimal service.

Upon approval of the purchase of four new turbine high service pumps, the WTP will be positioned to provide adequate water pressure on an uninterrupted basis to the public. The purchase of the fourth pump provides for redundancy in the event another pump becomes inoperable.



Citywide Goal:

The Citywide Goal is to Accelerate Operational Excellence.

Budget/Fiscal Impact:

This is a Capital Projects budgeted item that provides for \$2,000,000 to purchase high service water pumps. The cost to purchase four (4) new high service pumps is \$175,588.

The Utility Special District will use General Ledger account number 412-31103-563200, Project Number 18154.

Recommendation(s):

Staff recommends approval of the Resolution authorizing the purchase of four (4) new high service pumps.

Attachment(s):

1. Resolution
2. Contract
3. Quote
4. PBC Solicitation for pumps
5. Sole Source Representative
6. PBC Contract Renewal