

## MEMORANDUM

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May 31, 2022

**TO:** Honorable Mayor and City Commission

**VIA:** James Slaton, City Manager

**FROM:** Sarah B. Kirkland, Utilities Director

**RE:** WTP #2 Aurora Split Case Pump Replacement

**SYNOPSIS:** Staff seeks commission approval to expend funds for the replacement of an Aurora split case horizontal pump for Water Treatment Plant #2 (WTP #2) from Barney's Pumps for \$26,246.00.

### STAFF RECOMMENDATION

It is recommended that the City Commission:

1. Approve the expenditure of funds of \$26,246.00 for the replacement of a split case pump for WTP #2 from Barney's Pumps.

### BACKGROUND

Split-case pumps are the workhorses of industrial and municipal applications. They are more expensive than end-suction or vertical inline pumps, and not as flexible or adaptable as vertical turbines. However, what they lack in low-cost flexibility they make up for in durability, efficiency, and dependability. The pump that is installed is leaking, and has been for some time now. No methods deployed to fix the pump have been effective. This pump is original to the plant, has been in operation for 25+ years, and is at the end of its useful life.

Staff recommends the commission take the following actions; approve the expenditure of funds to Barney's Pumps for \$26,246.00 for the replacement of the split case pump to be installed at WTP #2.

### OPTIONS

The Commission could chose to not approve the purchase and allow the current pump to continue to leak.

### FISCAL IMPACT

\$150,000.00 was budgeted in the Water Division's FY '21-'22 M & R Treatment Plants Operating Budget for this purpose.

### ATTACHMENTS

Barney's Pump Quote  
Florida Armature Quote  
Kaman Distribution-No Bid