



STAFF REPORT

Board of Aldermen

A RESOLUTION APPROVING THE CONTRACT WITH FLUID EQUIPMENT FOR A REPLACEMENT PUMP LOCATED AT THE COOPER CREEK INFLUENT AND AUTHORIZING THE MAYOR TO EXECUTE THE CONTRACT.

DATE: NOVEMBER 14, 2023

Initiated By: Utilities

Approved By: *Cathy Stepp*

Financial Impact: Budgeted in the current year's budget

Community Plan 2030: EI-2: Solid Waste Management

FACTS:

One of three influent pumps located at Cooper Creek Wastewater Treatment Plant recently failed during operation. Given the age and condition of the pump, it was determined that a rebuild would not be cost-effective.

The Utilities Department requested and received bids for the purchase of a replacement pump. Four bids were received, of which Fluid Equipment was the lowest bid submitted that meets our current pump specifications.

Funds are budgeted for this item in the 2023 Capital budget. Staff recommends approval of a contract with Fluid Equipment in an amount not to exceed \$69,303.00 for the 2023 contract period.

DETAILED ANALYSIS:

There were bids taken for a replacement pump with three (4) equipment suppliers responding. FTC Equipment was the lowest bidder for an influent pump. However, after reviewing FTC Equipment's bid, staff found that their bid included many exceptions as well as offered an ABS pump. The ABS pump does not come with tungsten steel or a hard iron impeller; both have been found to contribute to premature failure and unnecessary downtime. In addition, we have had issues with FTC Equipment not standing behind their equipment warranty.

The next lowest bid was from Fluid Equipment for a Homa pump. We have many Homa pumps in our facilities and will be able to use a Homa to replace the failed pump.

FTC Equipment - A Sulzer ABS brand replacement cost is \$52,398.48

Fluid Equipment - A Homa brand replacement cost is \$69,303.00

Alliance Pump - A Barnes brand replacement cost is \$76,034.78

JCI Industries – A Flygt brand replacement cost is \$112,461.00

In the review of the pumps, staff had conversations with both Fluid Equipment and JCI Industries. JCI Industries pump does meet specifications but is the highest-priced pump. HOMA's Engineer supplied the city with a letter confirming that the pump that was bid meets the intent of the specifications for RFB 2732-05, and meets or exceeds the General Requirements in Section 2. The lowest bid submitted that meets our current pump specifications is from Fluid Equipment. Therefore, we are recommending the purchase of the Homa pump from Fluid Equipment.

BACKUP DOCUMENTATION:

No Additional Information