



## Board of Alderman Request for Action

**MEETING DATE:** 4/4/2022

**DEPARTMENT:** Public Works

**AGENDA ITEM:** Resolution 1045, authorizing the expenditure of funds from the Combined Water and Wastewater System Fund for the repair of a high service pump in the amount of \$13,999.11 from Mid-America Pump

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**REQUESTED BOARD ACTION:**

A motion to approve Resolution 1045, authorizing the expenditure of \$13,999.11 for repair of a high service pump at the water treatment plant.

**SUMMARY:**

There are three high service pumps at the water treatment plant. The high service pump is needed to distribute clean water from the water treatment plant into the distribution system. One of the pumps was not running properly and staff contracted Mid-America Pump to pull the pump and inspect for repairs. Several seals, bearing and the rotating assembly will need to be replaced. Repairs are estimated at \$13,999.11. The parts will take 6 weeks to be delivered. This pump needs to be repaired prior to the summer water demand to ensure adequate pressure in the distribution system.

**PREVIOUS ACTION:**

**POLICY ISSUE:**

Facility Maintenance

**FINANCIAL CONSIDERATIONS:**

The 2022 CWWS fund has sufficient budget for this expense.

**ATTACHMENTS:**

- ☐ Ordinance
- ☒ Resolution
- ☐ Staff Report
- ☒ Other: quote

- ☐ Contract
- ☐ Plans
- ☐ Minutes

## **RESOLUTION 1045**

### **A RESOLUTION AUTHORIZING THE EXPENDITURE OF FUNDS FROM THE COMBINED WATER AND WASTEWATER FUND FOR THE REPAIR OF THE HIGH SERVICE PUMP #2 IN THE AMOUNT OF \$13,999.11 FROM MID-AMERICA PUMP**

**WHEREAS**, the City treats 750,000 gallons of wastewater per day, approximately 300 million gallons per year; and

**WHEREAS**, the high service pumps distribute clean water from the water plant to the distribution system; and

**WHEREAS**, high service pump #2 is not working properly and needs to be repaired/rebuilt.

### **NOW THEREFORE BE IT RESOLVED BY THE BOARD OF ALDERMEN OF THE CITY OF SMITHVILLE, MISSOURI, AS FOLLOWS:**

**THAT** staff is hereby authorized and directed to repair/rebuild high service pump #2 and is authorized for the expenditure of funds from the Combined Water and Wastewater Fund for the repair of the high service pump in the amount of \$13,999.11 from Mid-America Pump.

**PASSED AND ADOPTED** by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, the 4th day of April, 2022.

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Damien Boley, Mayor

ATTEST:

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Linda Drummond, City Clerk



5600 Inland Drive  
Kansas City, Kansas 66106  
Phone 913-287-3900  
Fax 913-287-6641

## REPAIR PROPOSAL

SKP: **7432**  
Customer PO #:   
Prepared By #: **Brad Saul**  
Date: **3/10/2022**

Repair Estimate: **\$13,999.11**  
Replacement Price:   
Estimated Delivery:

### Customer Information

#### Bill To:

#### Contact Info:

#### Ship To:

Company Name: City of Smithville  
Address: 107 W. Main Street  
City: Smithville  
State/Zip Code: Missouri 64089-  
First Name: Bob  
Last Name: Lemley  
Phone: (816) 532-0070  
Fax: (816) 532-8331

Company:   
Address:   
City:   
State/Zip Code:

### Description of Problem

This is for repair of high service pump and motor #2 at the WTP.

\*\*pump and motor are being quoted prior to removal or inspection, there may be additional parts or machine work required once inspected\*\*

### Pump Information

Pump Make: **Aurora**  
Model: **413-BF 4X5X10B**  
Style: **Vertical split case pump**  
Pump RPM:   
Motor RPM: **3530**  
☒ Seal  
☐ Packing  
Serial No: **12-2213987**  
HP: **75**  
Voltage: **460**  
Coupling:

### Repair Description

Repair proposal to include:

- new rotating assembly
- new motor bearings
- wash, bake & surge test stator
- labor to remove the motor and rotating assembly
- labor to tear down and inspect the pump and motor
- labor to clean parts being reused, assemble equipment and test
- labor for installation and testing of the pump and motor
- MLS & Truck charges

\*\*Lead time on the rotating assembly is 4-6 weeks\*\*

\*\*Does not include freight or anything else not listed above, please see terms and conditions\*\*

### Application Information

Pumpage:   
Head:   
Flow:   
Temp:   
Viscosity:   
Specific Gravity:   
☐ Hazardous ☐ Rotation Left  
☐ MSDS ☐ Rotation Right

### Terms and Conditions

- 1 Freight Charges Not Included
- 2 Taxes Not Included
- 3 Expedite Fees Not Included
- 4 Payment Terms - Net 30
- 5 Warranty Period - 90 Days
- 6 Proposal Vaild for 30 Days
- 7 Teardown/Inspection/Field Service Hours/MLS will be charged if Equipment is Not Repaired or Replaced through Mid-America Pump