



## Board of Aldermen Request for Action

**MEETING DATE:** 8/5/2025

**DEPARTMENT:** Public Works

**AGENDA ITEM:** Resolution 1496, acknowledging the Emergency Purchase of Variable Speed Drives (VFD's) for the influent pump station at the wastewater treatment plant.

---

### **REQUESTED BOARD ACTION**

A motion to approve Resolution 1496, acknowledging the Emergency Purchase of Variable Speed Drives (VFD's) for the influent pump station at the wastewater treatment plant.

### **SUMMARY**

The Purchasing Policy outlines the spending authority of the City Administrator at \$15,000. From time to time, it is necessary for the Administrator to authorize purchases exceeding that authority in order to address an immediate need. When this occurs, the Board is notified of the emergency need and that the Administrator has authorized the necessary purchase.

The variable speed drives (VFD) that run the pumps at the influent pump station have not been operating properly. The VFD's have been tripping the breakers and not sending alerts to plant staff that they are not running. Mid-America Pump has been working to troubleshoot and repair the issues however have not been successful. These pumps are critical to the operation of the plant and the VFD's must be replaced in order to continue operations.

The City Administrator has authorized an emergency purchase for the VFD's from Mid-America Pump in an amount of \$21,510.71. Delivery time is 6 weeks.

### **PREVIOUS ACTION**

The FY2025 Budget includes funding for equipment repairs and replacement in the department's operating budget.

### **POLICY ISSUE**

Facility / infrastructure maintenance

### **FINANCIAL CONSIDERATIONS**

The 2025 CWWWS maintenance budget has sufficient funds for this expense.

### **ATTACHMENTS**

- |  |                                   |
|--|-----------------------------------|
| <input type="checkbox"/> Ordinance                                     | <input type="checkbox"/> Contract |
| <input checked="" type="checkbox"/> Resolution                         | <input type="checkbox"/> Plans    |
| <input type="checkbox"/> Staff Report                                  | <input type="checkbox"/> Minutes  |
| <input checked="" type="checkbox"/> Other: Quote from Mid-America Pump |                                   |

## **RESOLUTION 1496**

### **A RESOLUTION ACKNOWLEDGING THE EMERGENCY PURCHASE OF VARIABLE SPEED DRIVES FOR THE INFLUENT PUMP STATION AT THE WASTEWATER TREATMENT PLANT**

**WHEREAS**, the City Administrator's purchasing authority is \$15,000, however in emergency situations, the City Administrator is authorized to make purchases that exceed that amount in order to expedite repairs or purchases for city needs; and

**WHEREAS**, the Variable Speed Drives (VFD's) for two of the influent pumps are malfunctioning and need to be replaced; and

**WHEREAS**, Mid-America Pump has submitted a quote to replace two of the VFD's in the amount of \$21,510.71.

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

**THAT** the Board acknowledges and authorizes the emergency purchase two (2) variable speed drives from Mid-America Pump in the amount of \$21,510.71.

**PASSED AND ADOPTED** by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, the 5<sup>th</sup> day of August 2025.

---

Damien Boley, Mayor

ATTEST:

---

Linda Drummond, City Clerk



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

## REPAIR PROPOSAL

SKP: 8558

Customer PO #:

Prepared By #: Brad Saul

Date: 7/21/2025

Repair Estimate: \$21,510.71

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: Dave

Last Name: Schuerger

Phone: (816) 532-0070

Fax: (816) 532-8331

Company:

Address:

City:

State/Zip Code:

### Description of Problem

This is for replacing pump #1 and pump #2 VFD's at the WWTP main lift station.

### Pump Information

Pump Make: World Wide Electric Motor

Model: WDFC0370-4

Style: VFD

Pump RPM:

Motor RPM:

☐ Seal

☐ Packing

Serial No:

HP:

Voltage:

Coupling:

### Repair Description

Repair proposal to include:

2ea - WDFC0370-4 VFD FC Chassis 40HP CT 50HP VT 460VAC

2ea - panel mount kit

Labor to remove old VFD's and install new VFD's

Wiring, Programming and startup of the VFD's

Truck and MLS charges

**\*\*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