



## Board of Aldermen Request for Action

**MEETING DATE:** 3/5/2024

**DEPARTMENT:** Public Works

**AGENDA ITEM:** Resolution 1324, approving the purchase from Mid-America Pump for the replacement of a backwash pump at the water treatment plant.

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### REQUESTED BOARD ACTION:

A motion to approve Resolution 1324, approving the purchase from Mid-America Pump for the replacement of a backwash pump at the water treatment plant in the amount of \$18,136.40.

### SUMMARY:

After backwashing the filters at the water treatment plant, the backwash water is pumped into settling ponds. Water evaporates and the sediments settle in the lagoons for removal at a later date. The lagoons are cleaned/dredged out every several years. The Board recently (January 16<sup>th</sup>, 2024) awarded a bid to Richards Construction to complete the cleaning/dredging of the lagoons.

The pump is 8-years old and the motor is blown in this pump and not worth rebuilding. There are two backwash pumps, the other pump was replaced in 2022.

We received two quotes for the replacement of this pump:

Mid-America Pump	\$18,136.40
JCI	\$24,249.00

### PREVIOUS ACTION:

none

### POLICY ISSUE:

Facility / infrastructure maintenance

### FINANCIAL CONSIDERATIONS:

The 2024 CWWS 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 / memo |                                   |

## **RESOLUTION 1324**

### **A RESOLUTION APPROVING THE PURCHASE FROM MID-AMERICA PUMP FOR THE REPLACEMENT OF A BACKWASH PUMP AT THE WATER TREATMENT PLANT IN THE AMOUNT OF \$18,136.40**

**WHEREAS**, the City of Smithville operates a water treatment plant for the production of drinking water; and

**WHEREAS**, the backwash pump station pumps the backwash water up to the settling lagoons after the filters have been backwashed; and

**WHEREAS**, two quotes were received with Mid-America Pump providing a quote for the replacement of this pump in the amount of \$18,136.40.

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

**THAT** the Board approves the proposal from Mid-America Pump for the replacement of the backwash pump at the water treatment plant in an amount of \$18,136.40.

**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 March, 2024.

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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: 8045

Customer PO #:

Repair Estimate: \$18,136.40

Prepared By #: Scott Burns

Replacement Price:

Date: 2/6/2024

Estimated Delivery:

### Customer Information

#### Bill To:

#### Contact Info:

#### Ship To:

Company Name: City of Smithville

First Name: Dave

Address: 107 W. Main Street

Last Name: Schuerger

City: Smithville

Phone: (816) 532-0070

State/Zip Code: Missouri 64089-

Fax: (816) 532-8331

Company:

Address:

City:

State/Zip Code:

### Description of Problem

This is for a second Wilo pump for the backwash basin at the WTP to include removal of the existing pump and installation of the new WILO

### Pump Information

Pump Make: Wilo

Model: FA15.52E

Style:

Pump RPM:

Motor RPM:

☐ Seal

☐ Packing

Serial No:

HP:

Voltage:

Coupling:

### Repair Description

Repair proposal to include;  
ea - FA15.52E with Motor T20.1-4/22KEx 460V - Same flow and head as the Flygt pump  
1ea - Flygt 6" guide rail adaptor  
1ea - Wilo leak/thermal relay  
Labor to remove existing pump  
Labor to install the new pump and perform start up  
Truck and MLS charges

\*\*Lead time on the pump is 6-8 weeks\*\*

\*\*Does not include FREIGHT or anything else not listed above\*\*

### 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 Valid for 30 Days  
7 Teardown/Inspection/Field Service Hours/MLS  
will be charged if Equipment is Not Repaired or  
Replaced through Mid-America Pump

Monday, January 29, 2024

Smithville MO, City of  
Smithville City Hall 107 West Main  
Smithville, MO 64089

Phone: 816 532-0577  
**Attention: David Schuerger**

Subject: BW Basin Pump - Flygt 3153 Replacement

Quotation #: SEQT-77580L\_S  
Please refer to this number when ordering

Item	Description	Qty	Unit Price
1.00	<b>Flygt Submersible Pump Model 3153.185-0643</b> <ul style="list-style-type: none"> <li>• Impeller Style: N</li> <li>• Installation Type: P (Guide Rail Mounted)</li> <li>• Impeller Code: 433</li> <li>• 6" Discharge</li> <li>• 20 HP</li> <li>• 460V</li> <li>• 3 PH</li> <li>• 50' Cable</li> <li>• Includes Leak Detection Sensor</li> </ul>	1	\$24,249.00

*Liz Snedden*  
Liz Snedden  
Application Engineer  
JCI Industries, Inc.

*Paul Ryals*  
Paul Ryals  
Account Manager  
JCI Industries, Inc.  
816-500-2193

Terms & Conditions			
<b>Lead Time</b>	14 Weeks After Receiving Order	<b>Payment Terms</b>	Net 30
<b>Shipping Method</b>	Best Way	<b>Shipping Terms</b>	Prepay and Add
Due to current market conditions, please confirm pricing at point of order			