



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.

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 16th, 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 5th day of March, 2024.

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:

Customer PO #:

Prepared By #:

Date:

Repair Estimate:

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 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:
 Model:
 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



JCI Industries, Inc.
 1161 SE Hamblen Rd.
 Lee's Summit, MO 64081
 Tel: 816-525-3320

www.jciind.com

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	Flygt Submersible Pump Model 3153.185-0643 <ul style="list-style-type: none"> • Impeller Style: N • Installation Type: P (Guide Rail Mounted) • Impeller Code: 433 • 6" Discharge • 20 HP • 460V • 3 PH • 50' Cable • Includes Leak Detection Sensor 	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	
Lead Time 14 Weeks After Receiving Order	Payment Terms Net 30
Shipping Method Best Way	Shipping Terms Prepay and Add
Due to current market conditions, please confirm pricing at point of order	