



## Board of Aldermen Request for Action

**MEETING DATE:** 5/2/2023

**DEPARTMENT:** Public Works

**AGENDA ITEM:** Resolution 1224, authorizing Mid-America Pump to complete the replacement and repairs for check valves and isolation valves at the water treatment plant.

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**REQUESTED BOARD ACTION:**

A motion to approve Resolution 1224, authorizing Mid-America Pump to complete the replacement and repairs for check valves and isolation valves at the water treatment plant in the amount of \$16,732.14.

**SUMMARY:**

The high service pumps at the water treatment plant have check valves to prevent water from the distribution system from backflowing into the plant. Isolation valves are also needed to be able to take pumps offline for servicing. The check valves on pumps #2 and #3 are leaking. The isolation valves also need work. Mid America Pump has provided a proposal to repair or replace these valves as necessary for the amount of \$16,732.14. See attached memo from Utilities Superintendent Robert Lemley.

**PREVIOUS ACTION:** none

**POLICY ISSUE:**

Facility / infrastructure maintenance

**FINANCIAL CONSIDERATIONS:**

The 2023 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 1224**

**A RESOLUTION AUTHORIZING MID-AMERICA PUMP TO COMPLETE THE REPLACEMENT AND REPAIRS OF THE CHECK VALVES AND ISOLATION VALVES AT THE WATER TREATMENT PLANT**

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

**WHEREAS**, check valves and isolation valves on the high service pumps are needed for plant operation and are leaking; and

**WHEREAS**, Mid-America Pump has provided a quote for the repairs and replacement of these valves in the amount of \$16,732.14.

**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 repairs and replacement of check valves and isolation valves at the water treatment plant in the amount of \$16,732.14.

**PASSED AND ADOPTED** by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, the 2<sup>nd</sup> day of May, 2023.

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Damien Boley, Mayor

ATTEST:

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Linda Drummond, City Clerk



**To:** Cynthia Wagner and Charles Soules

**From:** Robert Lemley

**Date:** 4/5/2023

**Reference:** High Service Pumps #2 and #3 check valve repair/replacement and isolation valve replacement

We are currently unable to isolate high service pumps #2 or #3 to make repairs to copper fittings on the pumps or to pull pumps for rebuild/replacement. Check valves on both pumps are leaking and need either repair/replacement to prevent water flow from the distribution system backflowing into the treatment facility.

**Total Cost: \$16,732.14**

Utilities Superintendent

Robert Lemley

Public Works Director

Charles Soules

City Administrator

Cynthia Wagner



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: Bob  
 Last Name: Lemley  
 Phone: (816) 532-0070  
 Fax: (816) 532-8331

Company:   
 Address:   
 City:   
 State/Zip Code:

## Description of Problem

This is for repairing 1 8" check valve and replacing 1 8" isolation valve on high service pump #3; and replacing 1 8" check valve and 1 8" isolation valve on high service pump #2 at the WTP.

\*\*The work on these valves must be done after 12 (Noon) so the city has time to fill all the water towers in the morning, so there will be overtime labor\*\*  
 \*\*Repairing the check valve on pump #2 will cost more than replacement\*\*

## Repair Description

Repair proposal to include:

- 1ea - repair kit for 8" check valve
- 1ea - new 8" check valve with lever and spring
- 2ea - 8" isolation valves
- 6ea - 8" SS bolt packs
- Labor to repair 1 8" check valve and replace 1 8" isolation, repairs to be done after Noon
- Labor to replace 1 8" check valve and 1 8" isolation, repairs to be done after Noon
- Truck and MLS charges

\*\*Does NOT INCLUDE FREIGHT or anything else not listed above, please see terms and conditions\*\*

\*\*Lead time on the replacement valves is 6-8 weeks\*\*

## Pump Information

Pump Make:

Model:

Style:

Pump RPM:

Motor RPM:

Seal

Packing

Serial No:

HP:

Voltage:

Coupling:

## 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