



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.

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 2nd day of May, 2023.

Damien Boley, Mayor

ATTEST:

Linda Drummond, City Clerk



To: Cynthia Wagner and Charles Soules

From: Robert Lemley

Date: 4/5/2023

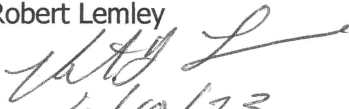
Reference: High Service Pumps #2 and #3 check valve repair/replacement and isolation valve replacement

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


4/10/23

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: 7758

Customer PO #:

Prepared By #:

Date: 4/5/2023

Repair Estimate: \$16,732.14

Replacement Price:

Estimated Delivery:

Customer Information

Bill To:

Company Name: City of Smithville
Address: 107 W. Main Street
City: Smithville
State/Zip Code: Missouri 64089-

Contact Info:

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

Ship To:

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