



Board of Aldermen Request for Action

MEETING DATE: 2/7/2023

DEPARTMENT: Public Works

AGENDA ITEM: Resolution 1179, acknowledging and approving the expenditure of funds for a backwash pump at the water treatment plant.

REQUESTED BOARD ACTION:

A motion to approve Resolution 1179, acknowledging and approving the expenditure of funds for a backwash pump at the water treatment plant to Mid-America Pump in the amount of \$16,917.34.

SUMMARY:

A backwash pump is necessary to clean the filters at the water plant. In October of 2022, staff found one of the backwash pumps not working. Inspection of the pump found that the bearing housing was welded to the shaft, and the rotor was partially melted. The primary cause of failure is either a possible lightning strike or voltage spike of some type.

Three quotes for replacement were received from two vendors:

Mid-America – Ebara Pump	\$16,447.49
- Wilo Pump	\$16,917.34
JCI - Flyght Pump	\$24,249.00

The City filed this with insurance and the cost of the pump was covered less depreciation and deductible. We received \$7,634 from insurance.

PREVIOUS ACTION:

POLICY ISSUE:

Facility / infrastructure maintenance

FINANCIAL CONSIDERATIONS:

The 2023 CWWS fund has sufficient budget 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: Invoice | |

RESOLUTION 1179

A RESOLUTION ACKNOWLEDGING AND APPROVING THE EXPENDITURE OF FUNDS FOR A BACKWASH PUMP AT THE WATER TREATMENT PLANT

WHEREAS, in order to clean the filters at the water plant water is pushed back through the filter with a backwash pump purging the filter media of impurities; and

WHEREAS, in October 2022 it was found that one of the backwash pump had experienced a power surge; and

WHEREAS, the City received quotes for a backwash pump replacement from two vendors and selected Mid-America Pump providing the best value.

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

THAT the Board acknowledges and approves the expenditure of funds from the Combined Water and Wastewater Fund for the replacement of a backwash pump with Mid-America Pump in the amount of \$16,917.34.

PASSED AND ADOPTED by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, the 7th day of February, 2023.

Damien Boley, Mayor

ATTEST:

Linda Drummond, City Clerk



Total	\$16,917.34
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