



## Board of Aldermen Request for Action

**MEETING DATE:** 2/20/2025

**DEPARTMENT:** Public Works

**AGENDA ITEM:** Resolution 1443, Authorizing the purchase of a lift station control panel from Mid-America Pump.

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**REQUESTED BOARD ACTION:**

A motion to approve Resolution 1443, authorizing the purchase of a lift station control panel from Mid-America Pump in the amount of \$15,493.42.

**SUMMARY:**

The 2025 Utilities maintenance budget includes the rehabilitation of the Harbor Lakes pump station, to include new control panel, new pumps and new fence. In December, the pumps failed and the Board approved Resolution 1434 authorizing the purchase of two new pumps. The pumps have been ordered and one has been installed. This pump station was installed in 2003, so the panel and SCADA box are outdated, and some parts are unattainable.

**Status**

Currently the station is working with one new pump and the old control panel. The current SCADA box is also obsolete, and the outdated control panel is not easy to work on or get repair parts.

We received two quotes for the control panel replacement to include a new SCADA box.

FTC's quote for the control panel was \$12,702.67 with a lead time of 10 to 12 weeks.

Mid America Pump's quote for the control panel was \$12,646.96 with a lead time of 4 to 5 weeks.

Mid America Pump is the sole provider for Mission Communication for our SCADA system. Mid America pump has provided a quote of \$2,846.43 to replace the SCADA box.

It is recommended that the City purchase the control panel from Mid America Pump due to the lower price and quicker lead time in the amount of \$12,646.96 and include the SCADA box in the amount of \$2,846.43, for a total project cost of \$15,493.43.

**PREVIOUS ACTION:**

Resolution 1434 Authorizing the purchase of new pumps for the Harbor Lakes Lift Station.

**POLICY ISSUE:**

Infrastructure Maintenance

**FINANCIAL CONSIDERATIONS:**

This project is included in the 2025 Utilities maintenance budget.

**ATTACHMENTS:**

- |   |                                   |
|---|-----------------------------------|
| <input type="checkbox"/> Ordinance                | <input type="checkbox"/> Contract |
| <input checked="" type="checkbox"/> Resolution    | <input type="checkbox"/> Plans    |
| <input checked="" type="checkbox"/> Staff Report  | <input type="checkbox"/> Minutes  |
| <input checked="" type="checkbox"/> Other: Quotes |                                   |

**RESOLUTION 1443**

**A RESOLUTION AUTHORIZING THE PURCHASE OF A LIFT  
STATION CONTROL PANEL FROM MID-AMERICA PUMP IN  
THE AMOUNT OF \$15,493.42**

**WHEREAS**, the 2025 utilities maintenance budget included the rehabilitation of the Harbor Lakes sanitary sewer lift station; and

**WHEREAS**, staff received two bids with Mid America Pump submitting the best price and delivery lead time in an amount of \$15,493.42.

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

**THAT** the purchase of a lift station control panel, for Harbor Lakes, from Mid-America Pump, in an amount of \$15,493.42, is hereby approved.

**PASSED AND ADOPTED** by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, this 20<sup>th</sup> day of February 2025.

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Damien Boley, Mayor

ATTEST:

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Linda Drummond, City Clerk

	<b>STAFF REPORT</b>
<b>Date:</b>	January 31, 2025
<b>Prepared By:</b>	David Schuerger, Utilities Operation Manager
<b>Subject:</b>	Control Panel for Harbor Lakes Pump Station
<b>Staff Report:</b>	Public Works

### Summary

The 2025 Utilities maintenance budget includes the rehabilitation of the Harbor Lakes pump station, to include new control panel, new pumps and new fence. In December the pumps failed and the Board approved Resolution 1434 authorizing the purchase of 2 new pumps. The pumps have already been ordered and one of them is already installed. This pump station was installed in 2003, so the panel and SCADA box are outdated, and some parts are unattainable.

### Status

Currently the station is working with 1 new pump and the old control panel. The current SCADA box is obsolete, and the outdated control panel is not easy to work on or get repair parts.

### Bids

We received 2 bids for the control panel replacement. There is an adder of a new SCADA box.

FTC quote for the control panel: \$12,702.67 with a lead time of 10 to 12 weeks.

Mid America Pump quote for the control panel: \$12,646.96 with a lead time of 4 to 5 weeks.

Adder: \$2,846.43 for the SCADA box. Mid America Pump is the representative for Mission Communications.

### Recommendation

After reviewing the bids, I recommend we award the bid to Mid America Pump due to the lower price and quicker lead time. With the SCADA box being obsolete I also recommend including the adder for a total of \$15,493.43.



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 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: <input type="text"/> Address: <input type="text"/> City: <input type="text"/> State/Zip Code: <input type="text"/> <input type="text"/>

## Description of Problem

This is for a new control panel at the Harbor Lakes pump station.

## Repair Description

Repair proposal to include:  
 1ea - New OVERSIZED 460V control panel 40"x30"x12", with a 12" X 12" space inside for the Mission box, dry contacts already in panel for: (Pump 1 run, Pump 2 Run, Overload Trip 1, Overload Trip 2, Seal Fail 1, Seal Fail 2, Thermal Fail 1, Thermal Fail 2, Power Loss, High Level )  
 2ea - Una-strut base mounts  
 3ea - SS una-strut  
 1ea - Set of 3/8" springs nuts and SS bolts and washers to build una-strut and mount panel  
 1ea - Set of 3" conduit pipe, 2ea 3" 45 degree elbows, 3ea 3" couplings, 1ea 3" male adaptor  
 1ea - SS float bracket with SS anchors - to mount existing floats and pump cables to  
 Labor to unwire and remove the existing control panel  
 Labor to install the new control panel and una-strut listed above  
 Labor to wire up existing floats and pump cables to the panel  
 Labor to wire up the existing mission box  
 Labor to test run panel and pump station  
 Truck and MLS charges

**\*\*Lead time on the control panel is 4-5 weeks\*\***

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

**\*\*\*\*\*ADDER FOR A NEW MISSION CONTROLLER\*\*\*\*\***

1ea - New Mission box M153 - MyDro Wireless Real-Time Alarm System – FlatPak Enclosure and OP750 - Safe Module Plus — 4 Pulse Inputs, Intrinsically Safe float input, relay output (w/ModbusRTU for MyDro)  
 Laobr to install and wire up

**Total for above adders is - \$2,846.43**

## Pump Information

Pump Make:   
 Model:   
 Style:   
 Pump RPM:   
 Motor RPM:   
 Seal  
 Packing  
 Serial No:   
 HP:   
 Voltage:   
 Coupling:

## Application Information

Pumpage:   
 Head:   
 Flow:   
 Temp:   
 Viscosity:   
 SpecificGravity:   
 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