



Board of Aldermen Request for Action

MEETING DATE: 3/18/2025

DEPARTMENT: Public Works

AGENDA ITEM: Resolution 1451, authorizing the purchase of wet well aerators

REQUESTED BOARD ACTION:

A motion to approve Resolution 1451, authorizing the purchase of wet well aerators and on-off timers from Letts, Van Kirk and Associates in the amount of \$19,995.90.

SUMMARY:

The City operates and maintains 31 sanitary sewer lift stations. Oils and greases build up and accumulate in lift stations causing mechanical failures and potential sewer backups. Wet well aerators constantly mix the wastewater prohibiting the greases from congealing.

Staff has been using Dawn dish soap to help cut the grease to keep the lift stations running. When the build-up gets to a point where this treatment is not effective, a contractor with larger equipment is required to vacuum out the lift station. This can cost up to \$6,000 to clean out a single lift station.

Staff installed a demo wet well aerator in Rollins Landing and the results were positive. The 2025 budget includes \$26,000 for the purchase of wet well aerators. It is recommended to purchase three wet well aerators to be installed in the lift stations at Rollins Landing, Quail Ridge and Diamond Crest.

The addition of the on-off timers will allow staff to program when the aerators come on and off so they do not run constantly. This will prolong the life of the unit.

Three Quotes were received:

Company	Price/ each	Total for 3 units	
Allied Systems	\$9,941.00	\$29,823.00	
EZ Electric	\$8255.00	\$24,765.00	
Letts, Van Kirk	\$5437.00	\$16,311.00	
Add On-Off Timer	\$1288.30	\$3864.90	
Total Letts, Van Kirk Plus On-Off Timer Total \$19,995.90			

Staff is recommending proceeding with the low bid from Letts, Van Kirk and Associates for an amount of \$16,311 plus the addition of the on-off timers, \$3,864.90, for a total amount of \$19,995.90.

PREVIOUS ACTION:

N/A

POLICY ISSUE:

Infrastructure Maintenance

FINANCIAL CONSIDERATIONS:

This expense is included in the 2025 CWWWS operating budget.

ATTACHMENTS:

☐ Ordinance

☒ Resolution

☐ Staff Report

☒ Other: Quote

☐ Contract

☐ Plans

☐ Minutes

RESOLUTION 1451

A RESOLUTION AUTHORIZING THE PURCHASE OF WET WELL AERATORS AND ON-OFF TIMERS FROM LETTS, VAN KIRK AND ASSOCIATES IN THE AMOUNT OF \$19,995.90

WHEREAS, the City operates 31 sanitary sewer lift stations; and

WHEREAS, oils and grease build up and accumulate in lift stations causing potential for mechanical failures and potential sewer backups; and

WHEREAS, wet well aerators constantly mix the wastewater keeping the oils and greases from congealing and accumulating; and

WHEREAS, three quotes were received with Letts, Van Kirk and Associates providing the lowest bid of \$5,437 per each wet well aerator and an additional \$1,228.30 for each unit for a timer switch, the total per installation is \$6,665.30; and

WHEREAS, three units will be purchased for a total of \$19,995.90.

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

THAT the purchase of three wet well aerators for a total amount of \$19,995.90 from Letts, Van Kirk and Associates is approved.

PASSED AND ADOPTED by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, this 18th day of March, 2025.

Damien Boley, Mayor

ATTEST:

Linda Drummond, City Clerk

Letts, Van Kirk and Associates

Municipal Pumps and Equipment

5600 Inland Drive
Kansas City, KS
913-287-3900 Fax: 913-287-6641

Proposal Quote

Date	Quote #	LKP #
1/10/2025	114383	A-20851

Customer

CITY OF SMITHVILLE
ATTN: ACCOUNTS PAYABLE
1 HELVEY PARK DRIVE
SMITHVILLE, MO 64089

Terms and Conditions of this sale

Freight Charges – None included
Freight Liability – FOB point is per shipping origin
Expediting Fees -- Not Included
Proposal Term – 30 days
Equipment Warranty - Per the manufacturer's warranty

Terms	Quote Prepared By	Sales Person
NET 30 DAYS	JACOB WIEWEL	JW

Item	Description	Qty	Cost Each	Std. Delivery	Total
AP500-AU200	AP500-AU200 Includes AP500 mixer, AU200 air unit, 50' of floating air hose, 50' of chain. AP500 Mixer: non-clog mixer is constructed of 316L stainless steel and non-corrosive polymer materials. AU200 Air Unit: 275 watts, 120V 1ph, comes in a weatherproof enclosure. AU200 air flow: 6 cfm @ 4' deep - 5 cfm @ 6' deep - 3.5 cfm @ 8' deep - 2.2 cfm @ 10' deep' - 10' max water depth	1	5,437.00	FACTORY STOCK	5,437.00
			Sales Tax (0.0%)		\$0.00
			Total		\$5,437.00

