

MARSHALL MUNICIPAL UTILITIES

**75 East Morgan
Marshall, MO 65340**

December 16, 2022

The Board of Public Works convened in a regular session in the MMU Service Center Conference Room at 8:30 a.m. Board members present were Ken Bryant, President; Steve Mills, Vice President; Spencer Fricke, Secretary, and Chuck Hines, Member. Also present were Dewey Hendrix, Mayor of Marshall, and representatives of the engineering firm Burns & McDonnell.

The agenda was amended to include a presentation by Burns & McDonnell. The amended agenda was approved on a motion made by Mr. Mills, seconded by Mr. Fricke, with a vote of 3-0. The minutes of the December 1st Board meeting were approved on a motion by Mr. Hines, seconded by Mr. Mills, with a vote of 3-0.

In business from the audience, the engineering firm Burns & McDonnell presented findings from the Wastewater Flow Monitoring and Inflow & Infiltration (I&I) assessment they performed this past April through June and suggested actions to address I&I issues.

Controller Tony Bersano presented the final version of the Interdepartmental Loan Policy and supporting documents to the Board. The policy will set aside \$5,000,000 in funds to be used specifically for interdepartmental loans. Each loan will require a loan agreement outlining the amount of the loan, interest rate, terms and payments to be approved and signed by the Board. Mr. Fricke made a motion to approve the Interdepartmental Loan Policy and to create an Interdepartmental Loan Fund (ILF) with a funding cap of \$5,000,000 effective December 16, 2022. The motion was seconded by Mr. Mills and was approved by a vote of 3-0.

Controller Bersano then presented the updated Wastewater BOD (Biochemical Oxygen Demand) and TSS (Total Suspended Solids) rates for 2023. These rates are adjusted yearly for only industrial customers and are based on load levels at the Wastewater Treatment Plant. A three-year average is used to minimize the chance of a significant change in rates. Using the standard calculation, he recommended the rates for 2023, as \$0.24 per pound for BOD, an increase from \$0.22, and \$0.24 per pound for TSS, an increase from \$0.21. The Board discussed the impact on industrial customers. Mr. Mills made a motion to approve setting the rates for BOD at \$0.24 per pound and TSS at \$0.24 per pound effective January 1, 2023, and request the City Council to approve the rates as set above. The motion was seconded by Mr. Fricke, and was approved by a vote of 2-1; with Mr. Hines voting against.

Controller Bersano stated he had submitted a second reimbursement for USDA Grant #1 in the amount of \$213,095. He also reported that training for mobile service orders starts today at 10:30.

MARSHALL MUNICIPAL UTILITIES

**75 East Morgan
Marshall, MO 65340**

Underground Facilities Director Grant Piper requested approval to replace the 2005 International dump truck #224. Just recently, the frame bent while dumping rock at the Water Treatment Plant. Since this is the third serious incident, Director Piper feels it is time to replace it. Due to the immediate need, he was able to find several trucks listed on state-contracted vendors; he provided the details and pricing for each and recommended purchasing the low bid of \$147,480 for a 2024 International HV507 SFA from Rush Truck Center of Kansas City, MO.

Dump Truck to replace #224	Bid	Make & Model	Delivery
MHC 8660 I-70 Drive SE Columbia, MO 65201	\$236,947.20 State Contract – New Truck	2023 Kenworth T880 Mileage: 0 HP: 450 Transmission: Allison	in inventory
MHC 8660 I-70 Drive SE Columbia, MO 65201	\$199,950.00 Not State Contract - Used Truck	Used 2020 Kenworth T800 Mileage: 180,000 HP: 455 Transmission: Eaton/Fuller	in inventory
MHC 8660 I-70 Drive SE Columbia, MO 65201	\$228,950.00 State Contract – New Truck	2023 Kenworth T880 HP: 455 Transmission: Allison	in inventory
Rush Truck Center 7700 NE 38 th St Kansas City, MO 64161	\$147,480 State Contract/Sourcwell – New Truck option: electric tarp \$2,534.00	International 2024 HV507 SFA Mileage: 0 HP: 370 Transmission: Allison	12 mo.

Mr. Hines asked what the cost would be to repair the truck. Director Piper answered he was uncertain, but it would cost \$1,000 for the company to come look at it. He also stated that it was his understanding that even if it were repaired, it would be a liability issue, and if another incident were to occur it would put MMU at unnecessary risk. General Manager Bergstrom added that the Fleet Mechanic looked at it and did not recommend repairing it. Mr. Mills asked if the 370 horsepower would be enough since all the others listed were 450 or above. Director Piper responded that the specification for the truck was 350 horsepower. Mr. Fricke asked Controller Bersano how it would be paid for. Controller Bersano answered that the water department had enough funds to cover it. Mr. Hines made a motion to purchase a new dump truck to replace #224 from Rush Truck Center for an International 2024 HV507 SFA in the amount of \$147,480 with the optional electric tarp in the amount of \$2,534.00. The motion was seconded by Mr. Mills and was approved by a vote of 3-0.

MARSHALL MUNICIPAL UTILITIES

**75 East Morgan
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Water Treatment Plant Superintendent Travis Boss presented bids for the filter media replacement on the three remaining filters. There was only one bid received and opened on November 29th; it was the company that performed the job last year.

Mr.	#02-23-WTP Filter Media Replacement	Bid	Start time
	C & C Environmental Services Inc. 28205 Scippo Creek Rd Circleville, OH 43113	\$87,950	3-4 weeks after notice to proceed.

Mills made a motion to accept the proposal from C & C Environmental Services Inc. in the amount of \$87,950. The motion was seconded by Mr. Hines and was approved by a vote of 3-0.

Electric Distribution Director Doug Root requested approval to replace the Miami #1 transformer and switchgear. Miami #1 was put into service in 1985 and had upgrades in 2002; in 2003 it suffered a fault in the switchgear causing lasting effects and repairs. Mr. Mills made a motion to request statements of qualifications for engineering services to replace the Miami #1 transformer and switchgear. The motion was seconded by Mr. Hines, and approved by a vote of 3-0.

Director Root then stated he had assisted a tech from Waukesha to repair Miami #2 tap changer.

Electric Production Assistant Director Jarad Muller reported the storm shelter has been delivered, set, backfilled, and is complete; it can accommodate 12 occupants. The lighting upgrade in units #10 and #11 building is also complete; he has noticed a reduction in the auxiliaries and the lighting is considerably better.

Wastewater Treatment Plant Superintendent Nolan Townsend reported on the aeration/final clarifier project. The last VFD arrived and will be tied in December 16th. The DO and ORP control module will arrive next week; training will be on December 21st and 22nd.

General Manager Bergstrom reported for IT & Broadband Director Jim Widell. He stated the fiber has been pulled in the Highway WW area and 75% has been spliced. Crews are prepping the 200th area. Coleman is working on YY.

Human Resources Manager Megan Baldrige reported that open enrollment for the health benefits ends December 16th.

General Manager Jeff Bergstrom informed the Board that approval was received by the USDA for a non-standard contract and requested the Board to ask the City Council to authorize the mayor to sign the contract with Coleman Plumbing for the USDA Grant #2 project. Mr. Hines made a motion to request City Council authorize the mayor to sign the contract from Coleman Plumbing for conduit, pull box, and pedestal installation for the Round 2 Reconnect grant. The motion was seconded by Mr. Fricke, and approved by a vote of 3-0.

General Manager Bergstrom then provided highlights of the MPUA Board of Directors meeting he had attended on December 8th. He also updated the Board that he had submitted to FEMA the P.4 for category

MARSHALL MUNICIPAL UTILITIES

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F completion and requested an extension for category E due to supply chain issues in delivering the dump trucks.

Mr. Hines made a motion to approve and issue warrants from the following funds for cash disbursements to accounts payable.

WATER OPERATING FUND	\$ 161,065.56
ELECTRIC OPERATING FUND	\$ 1,253,379.74
SEWER REVENUE FUND	\$ 151,789.17
INTERNET OPERATING FUND	\$ 192,669.58
NATURAL GAS OPERATING FUND	\$2,773.02
Total	\$ 1,761,677.07

The motion was seconded by Mr. Fricke and passed with a vote of 3-0.

The next Regular Board meeting will be Thursday, December 29th, 2022.

Following a motion by Mr. Fricke, seconded by Mr. Hines, the Board adjourned the regular meeting at 10:12 a.m.; the motion passed by a vote of 3-0.

BOARD OF PUBLIC WORKS
/s/ Spencer Fricke, Secretary