

MARSHALL MUNICIPAL UTILITIES

**75 East Morgan
Marshall, MO 65340**

March 16, 2023

The Board of Public Works convened in a regular session in the MMU Service Center Conference Room at 8:36 a.m. Board members present were Steve Mills, President; Spencer Fricke, Vice President; Chuck Hines, Secretary, and Ken Bryant, Member. Guests attending were Mayor Dewey Hendrix and City Council Member Leon Thompson.

The agenda was approved on a motion made by Mr. Bryant, seconded by Mr. Hines, with a vote of 3-0. The minutes of the March 2nd Board meeting were approved on a motion by Mr. Bryant, seconded by Mr. Fricke, with a vote of 3-0.

In business from the audience, City Council Member Leon Thompson requested forgiveness of the remaining 1.3 million dollar loan the City has with MMU, or a portion of it. Board President Steve Mills thanked him for his pitch and stated the Board would discuss it and get back to them at a later date.

Water Treatment Plant Superintendent Travis Boss presented proposals for the annual well inspection and treatment. Three proposals were received to treat wells 4, 5, 6, 7 and 8 and pull pumps from wells 5 and 7 for inspection and repair.

Well Maintenance RFP March 9, 2023	Proposal
Flynn Drilling Co. Troy, MO 63379	\$49,737.00
Layne-Western Kansas City, KS 66106	\$59,792.00
C&B Equipment dba Douglas Pump Shawnee, KS 66203	\$44,500.00

Mr. Hines made a motion to accept the proposal from C&B Equipment, dba Douglas Pump in the amount of \$44,500.00. The motion was seconded by Mr. Fricke and approved with a vote of 3-0.

Superintendent Boss then requested approval for Burns & McDonnell to perform a study on the Water Treatment Plant. The study will provide a detailed outlook, help identify issues that need to be addressed, and create a 20-year plan. Mr. Bryant made a motion requesting the City Council authorize the Mayor to sign the contract from Burns & McDonnell for a study of the Water Treatment Plant in the amount of \$149,815.00. The motion was seconded by Mr. Hines and approved with a vote of 3-0.

Superintendent Boss updated the Board that he is waiting on a reply from the vendor for repairing the #2 primary basin flocculator. The filter media project should begin the last week of March or the first week of April. Mr. Bryant asked about testing for forever chemicals. Superintendent Boss stated he will be doing required monitoring for PFAS starting this year until 2025. He also stated it had been included in a different test several years ago and there was zero detection of it.

Wastewater Treatment Plant Superintendent Nolan Townsend presented bids for replacing the department's metal halide fixtures with new LED fixtures. Six bids were received, but three of them did not meet specifications.

MARSHALL MUNICIPAL UTILITIES

**75 East Morgan
Marshall, MO 65340**

14-23-WWTP LED lighting March 7, 2023	Bid
Graybar Jefferson City Jefferson City, Mo 65109	\$9,718.48*
Crescent Electric Supply Co Marshall, MO 65340-1678	\$33,003.50
STL LED Lighting Kirkwood, MO 63122	\$44,266.85
Fletcher-Reinhardt Co Bridgeton, MO 63044	\$21,259.75*
Border States St. Joseph, Mo 64503	\$32,298.00
Wesco Distribution Sioux City, IA 51101	\$16,294.51*

*bid did not meet specifications.

Mr. Mills inquired about the cost and payback. Superintendent Townsend answered the cost was due to the fixtures being watertight, having a higher temperature rating, and having glass lenses. General Manager Jeff Bergstrom added he would provide a payback report to him but guessed it would be approximately 2 years. Mr. Bryant made a motion to approve the bid from Border States in the amount of \$32,298 for 59 LED fixtures. The motion was seconded by Mr. Fricke and approved by a vote of 3-0.

Superintendent Nolan Townsend presented bids for the removal of solids from the north aeration basin. Currently, two blowers are being used to keep this mixed and the removal will result in energy savings. Additionally, Burns & McDonnell recommended cleaning these solids out for the health of the new system. It should only take three to four weeks to complete this.

Rain For Rent	\$26,052.51 + possible increase
Midwest Injection Inc.	\$57,500
Nutri-Ject Systems, Inc.	\$188,384

Mr. Hines made a motion to accept the proposal from Rain For Rent in the amount of \$26,052.51; with a possible upcharge if market pricing changes more than 5% during the agreement. The motion was seconded by Mr. Bryant and approved by a vote of 3-0.

Superintendent Townsend added that the electricians are working on wiring in the new grit pumps and the HVAC was installed on March 10th.

Underground Facilities Director Grant Piper presented bids for replacing a mower in the Underground Facilities Department and a mower at the Water Treatment Plant. Seventeen bids were received; three did not meet specifications due to low horsepower and/or not having tweek wheels.

MARSHALL MUNICIPAL UTILITIES

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#015-23-UF Zero-Turn Mowers March 8, 2023	Bid	Make and Model	Delivery Time from Award (weeks)
Crown Power & Equipment Salisbury, MO 655281	\$13,749.00 each	Grasshopper 729BTW13661PF	4 weeks
Marshall Service Co Marshall, MO 65340	\$11,500.00 each	Kubota Z781KWTI-60	2 weeks
	\$11,466.00 each	Scag STC11 61V-2GFT- EFI	2 weeks
	\$11,900.00 each	Husqvarna Z560X	2 weeks
Henderson Implement Columbia, MO 65202	\$13,550.00 each	Grasshopper 7299BT/3661PF	4 weeks
LB Sales & Service / Davis Lawn Marshall, MO 65340	\$11,995.00 each	Toro 74020	3 weeks
	\$12,428.52 each	Toro 74055	2 weeks
	\$9,199.00 each	Toro 77284*	2 weeks
	\$14,750.00 each	Toro 72965	4 weeks
Bobcat of Columbia Columbia, MO 65202	\$14,655.10 each	Bobcat ZT 7000	Depending on date of acceptance 1-6 weeks
KC Bobcat Blue Springs, MO 64014	\$10,742.76 each	Bobcat ZT 6061 SL*	Immediate delivery if PO received by 3-15-23. Currently in stock
Ag-Power, Inc. Marshall, MO 65340	\$14,995.00 each	John Deere Z950R	2 weeks
	\$12,995.00 each	John Deere Z950M	2 weeks
Kleins Saw Shop & Small Engine Sedalia, MO 65301	\$12,100.00 each	Bad Boy Rogue	tbd
Brookfield Tractor Brookfield, MO 64628	\$14,300.00 each	exMark Lazer X	tbd
	\$9,600.00 each	Ferris ISX 800 Carb*	tbd
	\$10,000.00 each	Ferris ISX 800 GFI	tbd

*bid did not meet specifications.

Mr. Bryant made a motion to accept the bid from Marshall Service Co in the amount of \$11,466.00 for two (2) Scag STC11 61V-2GFT-EFI zero-turn mowers. The bid was seconded by Mr. Hines and approved by a vote of 3-0.

Director Piper asked for approval to replace 500' of sewer main in the alley between Arrow Street and North Street, west of Lyon Avenue. It is a 6" clay main that was installed in 1913 and is in poor condition with several cracked joints, major offsets, and roots. It will be replaced with a new 8" PVC pipe, along with two new precast manholes. Mr. Hines made a motion to replace the sewer main between Arrow Street and North Street, west of Lyon Avenue with an approximate cost of \$75,000 using in-house labor and equipment. The motion was seconded by Mr. Fricke and approved by a vote of 3-0.

Director Piper then provided an update of other projects. The valves have been operated and have been repaired as necessary, the crews should be completed by the end of the week. The CIPP project is 90% complete; there is a section in the Westport Addition that is waiting on better weather and firmer ground.

Electric Distribution Director Doug Root reported on the Miami 1 Transformer LTC Repair. It was energized on March 2nd, and put back in service on March 3rd, but is leaking nitrogen. A repair crew will be onsite on March 21st to make repairs.

MARSHALL MUNICIPAL UTILITIES

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Electric Production Director Jarad Muller reported that Accurate Superior Scales were here this week. The crew took the old scale out on Monday and poured concrete for the piers Wednesday. The deck will be poured tomorrow, and the scale arrived this morning. Once the concrete cures for two weeks, the crew will return to set the scale. This project should be complete by the first week of April.

Director Muller added while running the quarterly capacity tests for units 7, 8, and 9, the breaker on unit 8 failed to open again. The electricians have contacted the manufacturer and are doing testing on it, but they may have to send a technician.

IT & Broadband Director Jim Widel reported the crews were able to blow in another 7,000' on the trunk line and are 50% done with splicing in the Shackelford area. He also added the 2022 truck he had on order has been canceled by the manufacturer. The dealer has ordered 2023 model years of the same truck, hoping one will be filled.

General Manager Jeff Bergstrom reported for Human Resources Manager Megan Baldrige. She is working on the annual wage and benefits review. There is only has 1 full-time position that needs to be filled and there are 8 summer positions open.

Controller Tony Bersano reported that MMU participates in a low-income energy assistance program and that MMU was selected for an audit so he is working on completing the audit for the Department of Social Services. He has been working on calculations for the pole use agreements. He had a call with the USDA on the reimbursement and submission process. The draft of the financial audit was received on March 14th; he is reviewing it.

General Manager Jeff Bergstrom reported he continues to work on time-of-use rates and ways to educate customers. He reported on items from the MSDC Board meeting: the new ownership of the Plaza and three new business that will be moving in, they have approved a study to be done by WSKF for the Junction area, and they will be developing a comprehensive plan for MSDC before they hire a new director. General Manager Bergstrom provided highlights of the MPUA quarterly meeting he attended: Wal-Mart has announced they will be moving all their stores to electric heat by 2030, MPUA is expanding their training to include water and wastewater curriculum, they are looking into the recent problems at the Plum Point Power Plant, and there are 196 students registered for the apprentice lineman training. He also went over the MoPEP statistics for the month of January.

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

WATER OPERATING FUND	\$ 208,514.19
ELECTRIC OPERATING FUND	\$ 1,113,319.68
SEWER REVENUE FUND	\$ 230,291.19
INTERNET OPERATING FUND	\$ 117,578.58
NATURAL GAS OPERATING FUND	\$ 281.79
Total	\$ 1,669,985.43

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

The next Regular Board meeting will be Thursday, March 30th, 2023.

Following a motion by Mr. Bryant, seconded by Mr. Hines, the Board adjourned the regular meeting at

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10:05 a.m. and passed by a vote of 3-0.

BOARD OF PUBLIC WORKS
/s/ Chuck Hines, Secretary