

**MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
(MCMUA)**

WATER ENGINEER'S REPORT

February 11, 2025

PROJECT STATUS

1. General System:

- A. Through the month of January 2025, MCMUA sold approximately 123.663 MG. This amount is approximately 11.169 MG more than the amount sold in the same time period in 2024 and approximately 4.176 MG more than the amount sold in the same time period in 2023.

- B. SCE participated in the Water Committee Meeting which was held on Thursday January 30, 2025. Several topics were discussed including:
 - i. Upcoming bid for the Pleasant Hill Road 24-Inch PCCP Retirement and Valve Maintenance Trailer
 - ii. Mt. Arlington Pump Station additional work and status of un-used Allowances / Deducts
 - iii. Water Exploration Engineer Concept for RFP
 - iv. Mt. Arlington AWWA M 36 Water Audit & Loss Control Program
 - v. New Roxbury Meter Watermain Extension
 - vi. Mine Hill Meter Replacement
 - vii. PFAS Capital Improvement Project Status

- C. On Thursday, January 30, bids were received for the Purchase of Water Valve Maintenance Trailer and were opened. One (1) bid was submitted in the amount of \$92,129.80. The Engineers Cost Estimate for the entire project is \$90,000.00. Our review of the bid indicated ***E. H. Wachs – A Division of ITW***, whose offices are located in Lincolnshire, Illinois is the apparent low responsive bidder. The Contractor provided necessary qualifications and previous work experiences. Therefore, it is recommended award to the project is made to ***E. H. Wachs – A Division of ITW***, SCE is prepared to present to the board for consideration Resolution Authorizing the execution of this contract.

2. Mine Hill Meter Replacement Coordination

SCE has offered meetings with the Mine Hill technical team to review and discuss the outstanding items but to date have not been scheduled.

3. Mt. Arlington Electrical Improvements

Sovereign Consulting, Inc. received the pump and motor and completed the installation. Start-up and testing is tentatively scheduled for Thursday, February 6 which will included the new Variable

Frequency Drive (VFD), flow control valve, pump and motor equipment installed as part of this project. The only outstanding items is the bridge crane and the asphalt driveway replacement.

The Contractor has submitted payment request No.7 in the amount of **\$122,500.00**. SCE has reviewed the payment request and finds this reflective of the work completed and recommends processing.

The Contractor has provided pricing to perform additional fence modifications to enclose the recently installed natural gas generator, as well as specialty floor coating within the pump. SCE has evaluated the total cost of these proposed changes, and compared to the current list of un-used allowances and project deducts, and anticipates there will be a total deduct of approximately \$32,260. SCE will authorize the contractor to proceed with these changes and reconcile the un-used allowances and project deducts as part of the final close-out and change order for the project.

Project Completion Summary Through February 11, 2025

Contract Start Date		March 28, 2024
Original Contract Completion Time		365 Calendar Days
Days Elapsed:	320	87%
Days Remaining:	45	13%
Original Contract Completion Date		March 28, 2025

Project Financial Summary Through February 11, 2025

Original Contract Amount	\$1,105,000.00
Payment Application #1	\$281,666.66
Payment Application #2	\$27,929.70
Payment Application #3	\$157,780.00
Payment Application #4	\$141,610.00
Payment Application #5	\$98,245.00
Payment Application #6	\$15,680.00
Payment Application #7	\$122,500.00
Total Value of Work Complete	\$862,664.96
Percent of Work Complete	7%
Total Retainage to Date	\$14,753.30

4. Flanders Valley #1 and #2 Generator Replacements

Dee-En Electrical Contracting, Inc. is currently confirming the exact shipping date of the generators to the project site. The generators are currently at the diesel tank manufacturer for installation.

Project Completion Summary Through February 11, 2025

Contract Start Date		May 13, 2024
Original Contract Completion Time		365 Calendar Days
Days Elapsed:	274	75%

Days Remaining: 91 25%
Original Contract Completion Date May 13, 2025

Project Financial Summary Through February 11, 2025

Original Contract Amount	\$520,798.00
Payment Application #1	\$19,230.54
Payment Application #2	\$34,300.00
Payment Application #3	\$42,605.50
Total Value of Work Complete	\$54,623.00
Percent of Work Complete	18.8%
Total Retainage to Date	\$1,961.96

5. Mt. Olive Transfer Station Motor Control Center Improvements

Dee-En Electrical Contracting, Inc. is awaiting the fabrication and delivery of the proposed Motor Control Center (MCC). The Contractor advised the ship date has shifted to end of April 2025.

Project Completion Summary Through February 11, 2025

Contract Start Date	May 13, 2024
Original Contract Completion Time	240 Calendar Days
Amended Completion Time	174 Calendar Day Extension
Days Elapsed:	274 66%
Days Remaining:	140 34%
Original Contract Completion Date	January 8, 2025
Amended Completion Date	July 1, 2025

Project Financial Summary Through February 11, 2025

Original Contract Amount	\$159,900.00
Payment Application #1	\$7,199.08
Payment Application #2	\$1,715.00
Payment Application #3	\$17,434.20
Total Value of Work Complete	\$26,886.00
Percent of Work Complete	16.8%
Total Retainage to Date	\$537.72

6. Pleasant Hill Road 24-Inch PCCP Retirement – Phase I

On Thursday, January 30, bids were received for the above referenced project and were opened. Twelve (12) bids were submitted with the base bid amounts from each bidder range from \$1,077,545.00 to \$1,948,550.00 as shown on the summary below. The Engineers Cost Estimate for the entire project is \$1,408,810.00. D. S. Meyer Enterprises, LLC. submitted correspondence within five business days after the opening of the bids, requesting withdraw of their bid in accordance with N.J.S.A. 40A:11-23.3, citing a major mathematical error on their bid and they cannot complete the

project as awarded and enforcement of the contract, if actually made, would be unconscionable. Our review of the remaining eleven (11) bids indicated *Underground Utilities Corp.*, whose offices are located in Linden, NJ is the apparent low responsive bidder. The Contractor provided necessary qualifications and previous work experiences, and SCE performed a review of provided references. Therefore, it is recommended award to the project is made to *Underground Utilities Corp.*, SCE is prepared to present to the board for consideration Resolution Authorizing the execution of this contract.

BIDDER	BASE BID	SUPPLEMENTAL BID	TOTAL BID AMOUNT
D.S. Meyer Enterprises, LLC	\$1,077,545.00	\$126,000.00	\$1,203,545.00
Underground Utilities Corp.	\$1,282,980.00	\$182,000.00	\$1,464,980.00
Pacific Construction, LLC	\$1,290,793.90	\$139,300.00	\$1,430,093.90
Persistent Construction, Inc.	\$1,466,560.00	\$120,540.00	\$1,587,000.00
Pillari Bros. Construction Corp.	\$1,488,379.00	\$154,000.00	\$1,642,379.00
John Garcia Construction Co., Inc.	\$1,525,785.00	\$143,500.00	\$1,669,285.00
Your Way Construction, Inc.	\$1,554,029.00	\$118,650.00	\$1,672,679.00
Spiniello Companies	\$1,713,715.00	\$144,550.00	\$1,858,265.00
P. M. Construction Corp.	\$1,742,870.00	\$126,000.00	\$1,868,870.00
Sanitary Construction Co.	\$1,828,250.00	\$171,500.00	\$1,999,750.00
Montana Construction, Inc.	\$1,914,375.00	\$210,000.00	\$2,124,375.00
New Prince Concrete Construction Co., Inc.	\$1,948,550.00	\$140,000.00	\$2,088,550.00

7. Water Exploration Engineer

SCE is assisting the MUA with the finalization and publication of an RFP to solicit a Water Exploration Engineer as confirmed with the Water Committee.

8. Solid Waste Active Projects

SCE has received requested revisions following internal operations meetings regarding the updated Parsippany Compost Facility Site plan, anticipating the larger windrows which can be generated from the Komptech Topturn X5500.

SCE has circulated DRAFT bid documents for the Parsippany Transfer Station emergency generators.