

BUSINESS OFFICE, 4725 MOFFETT ROAD, MOBILE, ALABAMA
June 3, 2024

The Board of Water and Sewer Commissioners of the City of Mobile met this Monday in their regular session at 1:30 p.m. at MAWSS' Park Forest Plaza.

PRESENT:

Mr. Raymond L. Bell, Jr., Chair
Mr. Thomas Zoghby, Vice Chair
Mr. John C. Williams, Secretary-Treasurer
Ms. Barbara Drummond, Commissioner
Ms. Linda St. John, Commissioner

Mr. Bud McCrory, Jr., Director
Mr. Bradley Dean, Attorney
Mr. Douglas L. Cote
Mr. Daryl Russell
Ms. Fatima Washington

ABSENT:

Ms. Maria Gonzalez, Commissioner
Mr. Jay W. Weber, Commissioner

Ms. Calressia Clark

Chair Bell called the meeting to order and Commissioner Williams gave the invocation. There were no **Committee Reports** or **Visitors** requesting an audience with the Board.

Mr. McCrory extended warm wishes and congratulations to **MR. TAMP. VO**, Treatment Plant Operator II, on his retirement after 13 years of service.

Chair Bell presented the **Consent Agenda Items** for approval, and they are as follows:

Item 4 Consent Agenda

Bids and Purchasing

- A. IFB 24-016 Annual Contract for Aggregates – Various Size Limestone
- B. Co-op Purchase of a 2025 Freightliner M2106 Crew Truck with Duramag Service Body to Replace T17
- C. Sole Source Purchase of Two Purafil Aluminum Emergency Gas Scrubbers for CCW WWTP/WS WWTP
- D. Volkert Project No. 1025613 Magnolia Grove Lift Station and Force Main Change Order #2

Commissioner Zoghby moved for approval of the **Consent Agenda**. Commissioner Drummond seconded and the motion then carried with the unanimous vote of the Board present.

Mr. Cote approached the Board to review a **presentation** of the **SCADA** program. **Supervisory Control And Data Acquisition** is the computer systems that provide operators with a dashboard for monitoring and in some cases controlling industrial processes at both local and remote sites. There are nineteen radio frequencies dedicated to MAWSS by the Federal Communications Commission at no annual cost.

MAWSS utilizes SCADA at the following locations:

- Water and Wastewater Treatment Plants
- Water Booster Stations in the Distribution System
- Lift Stations in Wastewater Collection and Transmission Systems
- Three Mile Creek and Eslava Creek SWATs
- Park Forest
- Emergency Operations Center

Physical Phenomenon is remotely measured by a sensor or instrument that produces an output signal to detect a physical phenomenon. An example of a simple discrete sensor is a switch indicating whether a door is open or closed. A more complex sensor will condition electrical currents so that its output in 4-20 mA is related to the physical phenomenon. A pressure sensor in a lift station wet well is an example. As the depth in the wet well increases, the output amperage increases.

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Voltage is sent to the sensor and receives output from a Remote Terminal Unit (RTU) which is a micro-processor controlled device that interfaces objects in the physical world to a SCADA system by transmitting telemetry data to a master supervisory system to control or view the status of connected objects.

The type of data MAWSS is able to capture with SCADA at a typical two-pump lift station includes; general alarms, motor switches, over temperature alarms, pump on / off alarms, door open alarms, unauthorized entry notifications, power failure, flows at stations, etc.

Mediums utilized by our operators to receive this information from remote locations are:

- UHF Radio Over MAWSS Designated Frequency by FCC (Remote Location to Building/Site)
- Microwave Radio (Building to Building/Site to Site)
- Fiber Optics (Building to Building/Site to Site)
- Cell Technology (Building to Building/Building to Laptop)

There are many advantages to SCADA, including reporting features, color code alarms, and polling abilities. Mr. Cote concluded his presentation with an overview of SCADA project schedules, costs and VT SCADA Software costs.

The **Minutes of May 6, 2024** were presented for approval. Commissioner Drummond moved for approval and Commissioner St. John seconded. The motion then carried with the unanimous vote of the Board present.

There were no scheduled **Bid Openings**.

Legal was next and Attorney Dean stated there were no matters appropriate for discussion in an Executive Session.

There were no items of **Unfinished Business**.

New Business was next and they are as follows:

Item 9A SRF Loan Closings

1. Approve the following Resolutions granting MAWSS the authority to move forward upon receipt of the documents with closing on the loans that are listed below.
2. Approve the ADEM Resolutions designating the official representative of MAWSS for each of the SRF loans listed below.

CWSRF Master Plan

Resolution Authorizing the Issuance of \$12,015,000 Principal Amount of Subordinated Water and Sewer Revenue Bond, Series 2024-CWSRF-DL.

Commissioner Drummond moved for approval and Commissioner Williams seconded. The motion then carried with the unanimous vote of the Board present.

DWSRF Master Plan

Resolution Authorizing the Issuance of \$4,390,000 Principal Amount of Subordinated Water and Sewer Revenue Bond, Series 2024-B-DWSRF-DL.

Commissioner Williams moved for approval and Commissioner Drummond seconded. The motion then carried with the unanimous vote of the Board present.

DWSRF Master Plan

Resolution Authorizing the Issuance of \$7,570,000 Principal Amount of Subordinated Water and Sewer Revenue Bond, Series 2024-A-DWSRF-DL.

Commissioner Drummond moved for approval and Commissioner Williams seconded. The motion then carried with the unanimous vote of the Board present.

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CWSRF Master Plan

Resolution Authorizing the Issuance of \$12,015,000 Principal Amount of Subordinated Water and Sewer Revenue Bond, Series 2024-CWSRF-DL.

Staff requests approval from the Board to designate Mr. Cote as the official representative to sign documents associated with this loan. Commissioner Williams moved for approval and Commissioner Drummond seconded. The motion then carried with the unanimous vote of the Board present.

DWSRF Master Plan

Resolution Authorizing the Issuance of \$4,390,000 Principal Amount of Subordinated Water and Sewer Revenue Bond, Series 2024-B-DWSRF-DL.

Staff requests approval from the Board to designate Mr. Cote as the official representative to sign documents associated with this loan. Commissioner Drummond moved for approval and Commissioner Williams seconded. The motion then carried with the unanimous vote of the Board present.

DWSRF Master Plan

Resolution Authorizing the Issuance of \$7,570,000 Principal Amount of Subordinated Water and Sewer Revenue Bond, Series 2024-A-DWSRF-DL.

Staff requests approval from the Board to designate Mr. Cote as the official representative to sign documents associated with this loan. Commissioner Williams moved for approval and Commissioner Drummond seconded. The motion then carried with the unanimous vote of the Board present.

Item 10 Information Only Items:

- A. IFB 24-018 Purchase & Install of an Auto Transfer Switch for Springhill Booster Station
- B. IFB 24-019 Purchase of Two (2) Vertical Hollow Shaft Motors for Wright Smith WWTP
- C. IFB 24-020 Purchase a Diesel Generator & Auto Transfer Switch for Augusta LS189
- D. Ext 1 Annual Contract MAWSS 23017 – Cam Lock Retainer Glands (Y2)
- E. 25-Ton Air Conditioner Rental for CC Williams Power Control Room
- F. Professional Services Agreement – Financial Consulting
- G. Professional Services – Bi-Annual Water Quality Report
- H. Professional Service – Migration of Email from Microsoft Exchange to Cloud Based Office 365
- I. Professional Service – Recovery of Email Exchange Server
- J. Professional Service – Water Line Service Identification
- K. Sole Source Purchase of Endress + Hauser Waterpilots
- L. Jacobs Project No. D3226100 Owner’s Allowance Allocation No. 6
- M. Jacobs Project No. D3424000 Nortons Lane SWAT and Lift Station Project Change Order No. 1
- N. HDR, Inc. Project No. 10358538 / DWSRF FS010096-09 Causeway Water Main Replacement – Apalachee and Blakely River Crossings Final Summary Change Order No. 1
- O. McCrory & Williams Project No. M5712-2710 Water Line Valve Replacement at Moffett Road & Springhill Avenue award to Construction Labor Services, Inc.
- P. McCrory & Williams M5712-2727 Tennessee Street Water Line Replacement Contingency Allowance Allocation No. 1
- Q. McCrory & Williams M5712-2727 Tennessee Street Water Line Replacement Contingency Allowance Allocation No. 2

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- R. McCrory & Williams M5712-2727 Tennessee Street Water Line Replacement Contingency Allowance Allocation No. 3
- S. Disclosure of Property Purchase: Key No. (s): 1644965, 359971, portions of 360790, 361968, 361959
- T. Consultant Project Status Reports – *April 2024*

Mr. McCrory informed all present that renovations to the Boardroom are scheduled to begin this month. The July 2024 and August 2024 Board meetings will be held in the Training Center which is located on the opposite side of the Park Forest facility.

There being no further business to come before the Board at 2:00 p.m., Commissioner Drummond motioned to adjourn the meeting; Commissioner Williams seconded and the motion then carried with the unanimous vote of the Board present.

The next regular meeting is scheduled for July 1, 2024 at 1:30 p.m.



John C. Williams, Secretary-Treasurer