

Western Townships Utilities Authority
REGULAR MEETING
Monday, February 26, 2018
WTUA MIDDLE ROUGE CONFERENCE ROOM
40905 Joy Road, Canton, MI 48187

The regular meeting of the Western Townships Utilities Authority Board of Commissioners was held on Monday, February 26, 2018 in the WTUA Middle Rouge Conference Room, 40905 Joy Road, Canton, Michigan 48187. The meeting was called to order at 3:00 p.m. by the Alternate Chairperson, Marjorie Banner.

Present:

Marjorie Banner
Kurt Heise
Pat Williams

Absent:

Robert Nix

Also present were:

Aaron Sprague WTUA
Suzanne Reel WTUA
1 member of the public

The first order of business was the acceptance of the agenda: Following discussion and upon hearing no objections; it was

R-18-02-12 Resolved to accept the agenda as amended, deleting Item #VII (c) RVIS Termination Update and adding Item # VIII (c) HVAC Replacement.

Ayes: Banner, Williams, Heise

Nays: None

Absent: Nix

The next order of business was the minutes of the regular meeting of January 22, 2018. Following discussion and upon motion by Heise supported by Banner; it was

R-18-02-13 Resolved to accept the minutes of the regular meeting of January 22, 2018.

Ayes: Banner, Williams, Heise

Nays: None

Absent: Nix

The next order of business was Approval of WTUA Bills. Following discussion and upon motion by Heise, supported by Banner; it was

R-18-02-14 Resolved to approve the schedule of disbursements for February 2018 of \$809,258.64 and pre-approved payroll for March 2018 of \$21,468.68.

Ayes: Banner, Williams, Heise

Nays: None

Absent: Nix

The next order of business was the Operations and Maintenance Report for the month of January 2018. Following discussion and upon motion by Banner supported by Heise, it was

R-18-02-15 Resolved to receive and file the Operations and Maintenance Report for the month of January 2018.

Ayes: Banner, Williams, Heise

Nays: None

Absent: Nix

The next order of business was the Directors Report for the month of February 2018: Following discussion and upon motion by Heise supported by Banner; it was

R-18-02-16 Resolved to receive and file the Directors Report for the month of February 2018.

Ayes: Banner, Williams, Heise

Nays: None

Absent: Nix

The next order of business was Financial Statements for the Three Months Ended December 31, 2017: Following discussion and upon motion by Banner supported by Heise; it was

R-18-02-17 Resolved to receive and file the financial statements for the three months ended December 31, 2017.

Ayes: Banner, Williams, Heise

Nays: None

Absent: Nix

The next order of business was Lower Rouge VFD Fan Replacement: The lower rouge facility is equipped with a total of 11 pumps to handle the influent wastewater flow. Each of the 11 pumps has an associated variable frequency drive (VFD), allowing for more continuous operation of the pumps without excessive starts and stops. These VFD's include various components for dissipation of the heat generated by the devices; in the event that these heat dissipation devices fail, the VFD (and therefore the pump associated with that VFD) is rendered inoperable. Over the past few years, heat dissipation fans in the units have suffered from multiple failures. While many of these failures have been addressed by repair/rebuild, many have also resulted in the need to purchase new fans. The manufacturer has identified the issue and has designed a retrofit kit for replacement of the fans. This retrofit kit costs \$6,707.85 for two (2) fans. Each of the smaller VFD's contain two (2) fans and each of the larger VFD's contains three (3) fans. As such, retrofit of the smaller VFD's (for pumps 1,2,7 and 8) will cost \$6,707.85. Retrofit of the larger VFD's (for pumps 3,4,5,6,9,10 and 11) will cost \$10,540.91. Currently the VFD's for pumps #8 and 9 are giving indications of imminent failure. Purchase of the two (2) retrofit kits will allow for us to replace the fans with minimal downtime. Ultimately, we will likely need to replace the fans for all of the remaining VFD's. Following discussion and upon motion by Banner supported by Heise, it was

R-18-02-18 Resolved to concur with the recommendation of the Director of Operations to purchase two (2) DC Fan Retrofit Kits from McNaughton-McKay Electric Company (Ann Arbor) for a total cost of \$13,415.70.

Ayes: Banner, Williams, Heise

Nays: None

Absent: Nix

The next order of business was Flow Meter Purchase: WTUA has an extensive network of sanitary flow meters located throughout the system. These flow meters are used for a variety of purposes, with the principal purposes of analyzing the flow emanating from each community and billing for WTUA costs. Historically, each flow meter had a dedicated location and when that flow meter failed, a spare meter was installed at that location while the dedicated flow meter was repaired or replaced. Upon completion of the repair/replacement, the spare meter was removed and the dedicated meter was reinstalled. This process resulted in the cost of meter rental, as well as an additional site visit by meter maintenance staff for the removal of the spare and reinstallation of the dedicated meter. Several years ago, WTUA abandoned the dedicated meter concept and WTUA purchased five (5) spare flow meters to be stored and managed by Martin Controls Services. Now when a meter fails, it is replaced immediately from the stock of spares and remains in place. The removed meter is evaluated, repaired and placed into the spare inventory, if cost effective. WTUA's spare inventory has been depleted due to meter failures to two (2) complete units and one (1) meter only (no sensor). WTUA budgets for the purchase of approximately five (5) spare meters each year but they are only purchased as necessary. HESCO (aka Martin Controls) has provided a quote for two (2) meters and two (2) sensors. Following discussion and upon motion by Banner supported by Heise; it was

R-18-02-19 Moved to concur with the recommendation of the Director of Operations to purchase two (2) ISCO 2150 Flow Meters from HESCO (Farmington Hills) for a total cost of \$10,513.50.

Ayes: Banner, Williams, Heise

Nays: None

Absent: Nix

The next order of business was HVAC Replacement: The HVAC unit that provides heat to the western portion of the Middle Rouge Office area has failed. At a minimum, the heat exchanger has a leak, requiring replacement. R&S Heating & Cooling has provided a quote for replacement of the heat exchanger, as well as for replacement of the entire unit. The existing unit is approximately 20 years old and may have other issues in addition to the heat exchanger. Due to the age of the existing unit and the cost of the heat exchanger replacement, I am recommending replacement of the entire unit with a Rheem unit (which includes a stainless steel heat exchanger). Following discussion and upon motion by Banner supported by Heise; it was

R-18-02-20 Resolved to concur with the recommendation of the Director of Operations to purchase a new Rheem HVAC unit from R&S Heating and Cooling (Livonia) for a cost not-to-exceed \$6,861.76; and

Further, to authorize R&S to install a new smoke detector, if required by the Township inspector, for a cost not-to-exceed \$850.00.

Ayes: Banner, Williams, Heise

Nays: None

Absent: Nix

The next order of business was Election of Officers: According to Article VII of the Articles of Incorporation, the Authority must select Officers of the Commission annually. Article VI of the WTUA By-Laws defines the roles for these Officers of the Commission. Following discussion and upon motion by Heise supported by Banner it was

R-18-02-21 Resolved that the following officers be elected for the next twelve months:
Robert Nix-Chairperson; Pat Williams-Vice Chairperson/Secretary; Kurt Heise -
Treasurer; Aaron Sprague-Assistant Secretary.

Ayes: Banner, Williams, Heise

Nays: None

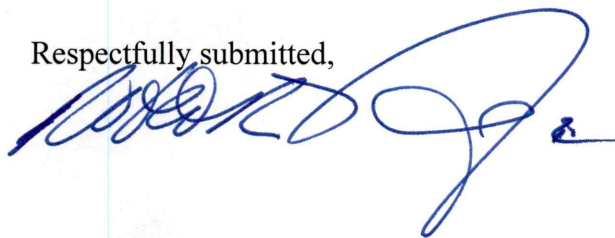
Absent: Nix

The next order of business was public comments: There were none.

The next order of business was Commissioners' Comments: There were none.

There being no further business to come before the Board, the regular meeting was adjourned at 3:40p.m.

Respectfully submitted,



Marjorie Banner,
Alternate Chairperson