



Minutes

**YPSILANTI COMMUNITY UTILITIES AUTHORITY
BOARD OF COMMISSIONERS MEETING
Wednesday, March 28, 2018 – 4:00 p.m.
YCUA Administration Building
2777 State Road
Ypsilanti, MI 48198-9112**

Members Present: Brenda L. Stumbo, Michael Bodary, Larry J. Doe, and Keith P. Jason.

Members Absent: Jon R. Ichesco.

1. **CALL TO ORDER:** Ms. Stumbo called the meeting to order at 4:00 p.m.
2. **MINUTES OF THE PREVIOUS MEETING:** Motion by Doe to receive and file the minutes of the February 28, 2018 meeting as presented. Support by Bodary. In favor: All. Opposed: None. (Motion carried.)
3. **NEW BUSINESS:**
 - A. **Request to Approve – Authorization to Seek Proposal from Schwing for Quicklime System Expansion (O & M Expense Account No. 550-815) – Sreedhar Mullapudi**

Mr. Mullapudi advised the Board that this is a request to seek a proposal from Schwing Bioset, Inc. to expand the lime stabilization of the wastewater biosolids. He indicated that, in October of 2016, the Board authorized this pilot study, which staff would now like to expand into a full-scale system in order to minimize odors should there be any maintenance issues with the incinerator. Mr. Mullapudi explained that the incinerator has been in operation since July 5th and staff plans to make a plan for scheduled maintenance in December. He pointed out that staff expects a cost of about &100,000 - \$125,000 for this proposal.

Motion by Doe to provide Authorization to Seek Proposal from Schwing for Quicklime System Expansion (O & M Expense Account No. 550-815). Support by Bodary.

Ms. Stumbo inquired as to how much was spent on the pilot study. Mr. Mullapudi responded that the amount was \$94,000 and subsequently, some height limitations during the installation resulted in an additional charge of \$34,000. He then explained the need for this back-up odor control system in more detail.

In favor: All. Opposed: None. (Motion carried.)

B. Request to Approve – Authorization to Seek Construction Bids re: Bridge Road Pump Station Improvements (Restricted Funds Account No. 902-398) – Stacey L. Reynolds

Motion by Bodary to provide Authorization to Seek Construction Bids re: Bridge Road Pump Station Improvements (Restricted Funds Account No. 902-398). Support by Jason. In favor: All. Opposed: None. (Motion carried.)

C. Request to Approve – Authorization to Bids re: Purchase of Vehicles (Motor Pool Expense Account No. 901-597) – Stacey L. Reynolds

Motion by Jason to provide Authorization to Bids re: Purchase of Vehicles (Motor Pool Expense Account No. 901-597). Support by Bodary.

Mr. Reynolds advised the Board that YCUA's fleet vehicles are evaluated annually on a point system based on use of service and that there are four vehicles that currently need to be replaced. He indicated that there is also a forklift that is original to the plant that is included in this request.

In favor: All. Opposed: None. (Motion carried.)

D. Request to Approve – Purchase of Wastewater Grit Compactor in the Amount of \$21,698.22 (O & M Expense Account No. 550-738) – Stacey L. Reynolds

Motion by Doe to approve the Purchase of Wastewater Grit Compactor in the Amount of \$21,698.22 (O & M Expense Account No. 550-738) (Motor Pool Expense Account No. 901-597). Support by Bodary.

Mr. Reynolds advised the Board that the grit compactor at the head of the plant has had some failures due to a 12-year-old gear box that is malfunctioning. He indicated that the gear box should be replaced along with its rotating assembly. Mr. Reynolds explained that it would cost in excess of \$50,000 to replace the entire unit whereas staff is recommending the replacement of the working parts only.

Mr. Bodary inquired as to why this is a sole provider. Mr. Reynolds responded that JWC is the only manufacturer of these individual parts,

whereas multiple bids could be obtained if the entire unit were to be replaced.

In favor: All. Opposed: None. (Motion carried.)

E. Request to Approve – Purchase of Secondary Effluent VFD Replacements in the Amount of \$62,503.18 (O & M Expense Account No. 550-738) – Stacey L. Reynolds

Motion by Bodary to approve Purchase of Secondary Effluent VFD Replacements in the Amount of \$62,503.18 (O & M Expense Account No. 550-738). Support by Jason.

Mr. Reynolds advised the Board that these 12-year-old units failed during the high flows recently experienced and parts are not available. He indicated that he was able to procure a lower bid since the Board materials went out and that a friendly amendment is in order to the amount of \$53,204.76. Mr. Reynolds explained that the new bid is from Madison Electric for a Schneider drive, with which YCUA has had good experience.

A friendly amendment to the motion was made to approve the purchase from Madison Electric in the amount of \$53,204.76. In favor: All. Opposed: None. (Motion carried.)

F. Request to Approve – Award of Contract re: 2018 Road Repairs Phase 1 in the Amount of \$199,850 (O & M Expense Account No. 902-161) – Jeff Castro

Motion by Bodary to approve Award of Contract re: 2018 Road Repairs Phase 1 in the Amount of \$199,850 (O & M Expense Account No. 902-161). Support by Doe.

Mr. Castro advised the Board that it is time for road repairs of excavations performed to repair water and wastewater infrastructures in the city and township. He indicated that four bids were received and the low bid was from Midwest Pavement, who is the also the contractor for both 2017 phases of this work. Mr. Castro explained that MDOT and Washtenaw County Road Commission requirements state that, in this region, asphalt pavement repairs can only be done between May 5 and November 15 of any given year and that, unfortunately, YCUA's infrastructure repairs are done after that time. He pointed out that, as a result, the roads are backfilled and allowed to settle and are then repaired in the spring.

In favor: All. Opposed: None. (Motion carried.)

G. Request to Approve – Construction Phase Engineering Proposal from OHM Advisors, Inc. (OHM) re: Harris Road Water Main

Replacement in the Not-to-Exceed Amount of \$65,800 (Restricted Funds Account No. 902-397) – Jeff Castro

Motion by Jason to approve Construction Phase Engineering Proposal from OHM Advisors, Inc. (OHM) re: Harris Road Water Main Replacement in the Not-to-Exceed Amount of \$65,800 (Restricted Funds Account No. 902-397). Support by Bodary.

Mr. Castro advised the Board that this project on Harris Road is between Michigan Avenue and Holmes Road, where improvements will be made to the water main along with drainage improvements, bike lanes, and pedestrian facilities. He indicated that the Washtenaw County Road Commission will perform the construction service and oversight to the road and drainage portion of the project.

Mr. Bodary inquired as to whether the work that is currently taking place in the area is part of this project. Matt Parks of OHM responded affirmatively.

In favor: All. Opposed: None. (Motion carried.)

H. Request to Approve – Proposal from OHM Advisors, Inc. (OHM) re: Metering for Wastewater Billing Data Collection and Analysis in the Not-to-Exceed Amount of \$85,000 (O & M Expense Account No. 902-164) – Jeff Castro

Motion by Doe to approve Proposal from OHM Advisors, Inc. (OHM) re: Metering for Wastewater Billing Data Collection and Analysis in the Not-to-Exceed Amount of \$85,000 (O & M Expense Account No. 902-164). Support by Bodary.

Mr. Castro advised the Board that this request is to continue YCUA's wastewater I & I metering / billing program.

Ms. Stumbo inquired as to whether the long-term goal is for YCUA to do the billing. Mr. Castro responded that would be a possibility but for now there are too many working parts.

Lindsay Curgous from OHM addressed the Board and explained the project at length.

In favor: All. Opposed: None. (Motion carried.)

I. Request to Approve – Contract Extension with HESCO Group, Inc. (HESCO) re: Metering Program for Wastewater Billing in the Amount of \$132,820 (O & M Expense Account No. 902-164) – Jeff Castro

Motion by Bodary to approve Contract Extension with HESCO Group, Inc. (HESCO) re: Metering Program for Wastewater Billing in the Amount of \$132,820 (O & M Expense Account No. 902-164). Support by Jason.

Mr. Castro advised the Board that this proposal will allow HESCO to operate and maintain the existing metering equipment that measures all wastewater flow and I & I from the contract communities for an additional two years. He indicated that maintaining wastewater metering system is critical to the success of this program. Mr. Castro explained that this cost will be split among call contract communities and YCUA's portion is about 20%.

In favor: All. Opposed: None. (Motion carried.)

- J. Request to Approve – Proposal from Applied Science, Inc. (ASI) re: Dye Testing of Metering Program for Wastewater Billing in the Amount of \$75,000 (O & M Expense Account No. 902-164) – Jeff Castro**

Motion by Doe to approve Proposal from Applied Science, Inc. (ASI) re: Dye Testing of Metering Program for Wastewater Billing in the Amount of \$75,000 (O & M Expense Account No. 902-164). Support by Bodary.

Mr. Castro advised the Board that this also applies to the metering program. He indicated that dye dilution is used to estimate the true value and must be performed to provide independent and accurate flow rate estimates. Mr. Castro explained that the current contract will be extended for an additional two year in the amount of \$75,000. He pointed out that ASI's proposal cost is unchanged from their 2014 -2015 proposal.

In favor: All. Opposed: None. (Motion carried.)

- K. Fund Balance Report – Dwayne Harrigan**
Informational only; no motion from the Board required.
- L. Financial Report – Authority Net Assets – Dwayne Harrigan**
Informational only; no motion from the Board required.
- M. Usage Report – Consumption Report – Jeff Castro**
Informational only; no motion from the Board required.
- N. Attorney's Report – Thomas E. Daniels**
There was no Attorney's Report for the month.
- O. Director's Report - Jeff Castro**

There was no Director's Report for the month.

4. **OLD BUSINESS:** There was no Old Business for the month.

5. **OTHER BUSINESS:**

P. Emergency Repair of Bemis and Whittaker Sanitary Manhole in the Not-to-Exceed Amount of \$125,000 - Jeff Castro

Mr. Castro advised the Board that YCUA has observed a void in the soil near the sanitary manhole at the intersection of Bemis and Whittaker Roads in Ypsilanti Township near the border of Augusta Township, similar to the event on Rawsonville in 2012, which has prompted immediate investigation. He indicated that the site has been vactored and assistance was obtained from Paymar Enterprises and the Washtenaw County Road Commission. Mr. Castro explained that this intervention has temporarily prevented an issue but that this needs immediate repairs, including replacement of the manhole and piping. He pointed out that the newly constructed manhole will also need to be lined.

Mr. Castro also explained that he is requesting this amount based on prior experience on Rawsonville Road. He further advised that he doesn't expect it to cost as much as he is requesting but there is no way to know how much pipe downstream is affected until the excavation is done. Mr. Castro stated that staff contacted Verde Terre and Iafrate, who have done previous similar work, but they are both busy. He acknowledged that there may be a need for a detour at that intersection while the work is completed.

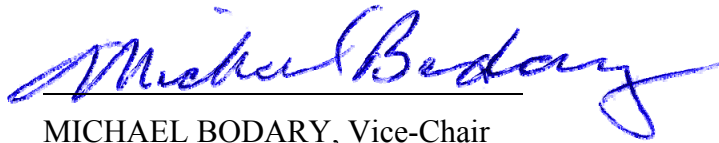
Ms. Stumbo inquired as to whether there were any signs of this erosion. Mr. Castro responded that this was caused by large elevation differences between the incoming and outgoing sewage pipes that create turbulence and the release of hydrogen sulfide which in turn, forms sulfuric acid that eats away the concrete and steel. Mr. Castro confirmed that, after the event on Rawsonville, these areas were TVed and this was on the list. He explained, however, that the erosion took place more quickly than expected. Mr. Castro pointed out that there are about three or four other areas that should be addressed in the next six months. The matter was then discussed further.

Motion by Doe to approve the emergency repair at Bemis and Whittaker by Paymar in the not-to-exceed amount of \$125,000. Support by Bodary. In favor: All. Opposed: None. (Motion carried.)

6. **STATEMENTS AND CHECKS:** Motion by Doe to pay the current month's bills in the amount of \$4,299,542.80. Support by Bodary. In favor: All. Opposed: None. (Motion carried.)
7. **PUBLIC COMMENTS:** There were no Public Comments for the month.
8. **ADJOURNMENT:** Motion by Doe to adjourn the meeting at 4:27 p.m. Support by Jason. In favor: All. Opposed: None. (Motion carried.)



Respectfully submitted,


MICHAEL BODARY, Vice-Chair