

UTILITIES SERVICE BOARD MEETING

July 9, 2018

Utilities Service Board meetings are recorded electronically and are available during regular business hours in the office of the Director of Utilities.

Board President Roberts called the regular meeting of the Utilities Service Board to order at 5:00 p.m. The meeting was held in the Utilities Service Board room at the City of Bloomington Utilities Service Center 600 East Miller Drive, Bloomington, Indiana.

Board members present: Julie Roberts, Amanda Burnham, Jean Capler, Jeff Ehman, Sam Frank, and ex-officio Jim Sims.

Staff members present: Brad Schroeder, James Hall, Cindy Shaw, Phil Peden, Kevin White, Chuck Winkle, Nolan Hendon, Michelle Waldon, Brandon Prince, Tom Axsom, Holly McLauchlin, and Vic Kelson.

MINUTES

Board member Ehman moved and Board member Capler seconded the motion to approve the minutes of the June 25th meeting. Motion carried, 5 ayes (2 members absent: Sherman and Banach).

CLAIMS

Ehman moved and Capler seconded the motion to approve standard claims as follows:

Vendor invoices submitted included \$91,443.21 from the Water Utility, \$1,088,359.03 from the Wastewater Utility, and \$9,089.77 from the Stormwater Utility. Total Claims approved: \$1,188,892.01.

Motion carried, 5 ayes (2 members absent: Sherman and Banach).

Board member Burnham asked if the 2 invoices to Infrastructure Systems Inc totaling \$835,251.58 were the final bills for the South Central Sewer Interceptor. CBU Engineer Peden answered no, that the project was not yet complete and there would be final invoices after the project was completely finished.

Ehman moved and Capler seconded the motion to approve the utility claims as follows:

Utility invoices submitted included \$8,990.14 from the Water Utility, \$25,894.88 from the Wastewater Utility, and \$0.00 from the Stormwater Utility. Total Claims approved: \$34,885.02.

Motion carried, 5 ayes (2 members absent: Sherman and Banach).

Ehman moved and Capler seconded the motion to approve the wire transfers and fees in the amount of \$496,161.37. Motion carried, 5 ayes (2 members absent: Sherman and Banach).

Ehman moved and Capler seconded the motion to approve customer refunds as follows:

Customer refunds submitted included \$425.96 from the Water Utility, \$124.20 from the Wastewater Utility, \$0.00 from the Stormwater Utility, and \$0.00 from Sanitation. Total Claims approved: \$550.16.

Motion carried, 5 ayes (2 members absent: Sherman and Banach).

APPROVAL OF CONSENT AGENDA

Ehman moved and Capler seconded the motion to approve consent agenda. Motion carried, 5 ayes (2 members absent: Sherman and Banach).

Six agreements on consent agenda: Building Associates \$10,000.00 for on-call services, All Season Heating Cooling \$12,000.00 for on-call services, Toric Engineering \$20,000.00 for on-call services, Xylem \$20,000.00 for on-call services, Air Master \$2,200.00 to repair an air conditioner at MWTP and Item f was removed from the agenda because it was not yet ready for approval; it was replaced with an agreement with Advanced Technologies in Electrical and Communications Inc \$1,280.00 to do electrical wire and cable relocations for the new equipment in the conference rooms.

RESOLUTION TO AWARD THE IUHB OFFSITE SANITARY SEWER PROJECT

Ehman moved and Capler seconded the motion to approve resolution; motion carried, 5 ayes (2 members absent: Sherman and Banach).

Peden presented a resolution to award the IU Health-Bloomington offsite sanitary sewer project to Crider & Crider. The report in the packet is from Bynum & Fanyo and shows that Crider & Crider is the lowest responsive bidder at \$5,306,300.00 for the base bid and all 3 bid alternates. If resolution is approved, Peden will bring contract to the Board in a few weeks.

REQUEST APPROVAL FOR CONTRACT WITH ARCADIS FOR MWTP EVALUATION

Ehman moved and Capler seconded the motion to approve agreement; motion carried, 5 ayes (2 members absent: Sherman and Banach).

CBU Asst. Director (Engineering) Schroeder presented an agreement with Arcadis which is an engineering firm currently doing study at Monroe Water Treatment Plant. This is a new contract to evaluate using chlorine dioxide in the settling basins. ClO₂ disinfects and kills algae but doesn't form the Disinfection Byproducts like chlorine does. ClO₂ creates its own byproduct, but not as much as Chlorine. CBU is currently using sodium permanganate in the basins and moved the chlorine from the front to behind basins to help prevent DBP formation, but that has led to an increase in algae. Arcadis would evaluate if ClO₂ makes sense for CBU and what the cost may be. Board ex-officio Sims asked if ClO₂ has been used in other municipalities. Schroeder says it is used other places, more so recently because new methods do not require using chlorine gas. Chemicals must be mixed on-site and there are 3-4 methods; Arcadis will look at what may be effective for CBU to use. Arcadis has worked to implement ClO₂ in other places. Roberts asked if it affects taste and Schroeder replied ClO₂ can improve taste and odor. Ehman brought up past conversations about coving the basin for algae control. Schroeder said that CBU looked at that option internally but the basins are too large for covers to a feasible option. The cost for this contract is not to exceed \$40,800.00.

REQUEST APPROVAL FOR AGREEMENT WITH FRONTIER GEOSPATIAL

Ehman moved and Capler seconded the motion to approve agreement; motion carried, 5 ayes (2 members absent: Sherman and Banach).

Schroeder presented an agreement with Frontier Geospatial to migrate CBU's GIS data from Genamap and Oracle into PostgreSQL to be accessible through Esri software such as ArcGIS. Swova recently did a study to determine the steps required to move from our current Genamap environment to the Esri environment, and this data migration is a critical step. Frontier was chosen because they have direct experience working with utilities organizations doing this data migration. ArcGIS, unlike Genamap, utilizes a geometric network which allows for easier editing, modelling, and detailed analysis. The data migration is expected to be complete by the end of September. Ehman commented that he researched Frontier since he had not heard of them and they look very experienced and have done a similar project in Evansville. The agreement is for \$38,310.00.

OLD BUSINESS: None.

NEW BUSINESS: None.

SUBCOMMITTEE REPORTS: None.

STAFF REPORTS: Peden gave an update on the South Central Sewer Interceptor project. Infrastructure Systems Inc has 300ft of pipe and 3 manholes remaining. They are working on the north side of Grimes Ln. The project struggled when they hit 15ft of rock when they were expecting 5ft, but they worked late hours after getting a noise variance permit from the Board of Public Works. In that section, they were laying 28ft of pipe whereas they had been laying up to 300ft of pipe in a single day. As of now, it looks like they will meet the Aug. 4th deadline with all the work completed, roads paved and open, and no cones. The “drop-dead” date for completion is Aug 8th. Roberts thanked Peden for the project and he said ISI has been a contractor to work with. Kelson added that ISI did not delay in reporting the problems with the rock which allowed for a quick solution and Kelson also apologized to neighbors who had to put up with the rock pounding noise late into the night. Sims asked if the extra work would increase the dollar amount of the project and Peden answered that ISI has not asked for extra money.

Burnham asked about the sinkhole in the parking lot. Schroeder said CBU Jane Fleig was working on a design to fix where the lid on a culvert collapsed. He said it was complicated because it was not only the open hole, but also a depression so it was important to evaluate the extent of the problem.

Kelson reported that a vehicle had been stolen and was missing for 4 days before it was recovered. There is a small amount of damage that will be repaired. A person had pried through a gate in the street department, then drove our vehicle away. There was a plan to add GPS to new vehicles as they are purchased, but this situation highlights the need to retrofit all rolling stock with GPS.

Kelson gave an update on DBPs. It was a difficult Spring; usually the UV254 (a precursor to DBPs) spikes in Feb. and March, but this year they have stayed high since Feb. The long, rainy, cold Spring followed immediately by high heat, an increase in humic acids and algae in the lake, plus low alkalinity in the influent are all factors. The June water samples were collected on a day the water plant made process changes and those results will be in shortly. Because CBU has maintained the annual average of DBPs at or lower than half the Maximum allowable level, the Spring increase in DBPs has not put CBU over the maximum annual average. Operationally, CBU is better than we were 2 years ago, but it has been a tough couple of months.

Kelson congratulated Shawn Medsker on passing his WT5 test, and with a high score. Now there are 8 of 10 operators who have passed the test and the remaining 2 are studying. This is compared to 1 year ago when only 2 operators and the superintendent had their WT5 certification. This was a problem because there had to be a certified person present at the plant at all times so those 3 individuals were working 18 hour shifts, working overtime, and their time off was affected. Kelson applauded the teamwork he has seen at the plant to pass this test; there is a 16% passing rate across the state. Sims asked about preventing other municipalities from poaching CBU employees now that they are certified. Roberts said that losing staff due to retirements is a problem across the state. Kelson said the City is aware that our employees are an asset. The good working conditions and the environment of living in Bloomington, as well as internal conversations with HR, will hopefully keep our team settled at our plant.

PETITIONS AND COMMUNICATIONS: Board member Frank publically acknowledged the career of John Langley, who retired from CBU after 41 years of service with the City of Bloomington. Frank said Langley was the right person for the right job when he was assigned to deal with the PCB crisis. Frank thanked Langley for quietly going about his business and being a true public servant.

ADJOURNMENT: The meeting was adjourned at 5:25 p.m.

Julie Roberts, President