

CITY OF WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

Approved with changes 01/03/19

MINUTES

INFRASTRUCTURE COMMITTEE

December 6, 2018 7:00 P.M.

1. Call to Order, Roll Call, and Establishment of a Quorum. Chairman Beifuss called the meeting to order at 7:00 P.M. Roll call found Aldermen James Beifuss, Sandra Dimas, Matt Garling, Noreen Ligino-Kubinski, and Jeanne Short present. Aldermen Heather Brown and Alton Hallett were absent.

Staff present included Director of Public Works Robert Flatter, Water Treatment Plant Superintendent Joe Munder, and Administrative Assistant Ashley Heidorn. Also in attendance were Jim Amelio of Christopher B. Burke Engineering, Ltd. (CBBEL), resident Mr. Kubinski, and resident Yvette Terrazas.

2. Approval of Minutes

A. Infrastructure Committee Minutes of November 1, 2018. Alderman Dimas made a motion, seconded by Alderman Garling to approve the Meeting Minutes of November 1, 2018.

Voting Yea: Aldermen Beifuss, Dimas, Garling, Ligino-Kubinski, and Short.

Voting Nay: 0.

3. Public Participation / Presentations. None.

4. Items for Consent. Alderman Garling requested discussion on Consent Item A. Alderman Dimas made a motion, seconded by Alderman Garling to approve:

B. Resolution No. 18-R-0100 – Contract Award – Operations Management International, Inc. For Professional Services Related to the Management and Operation of the West Chicago/Winfield Wastewater Authority Regional Wastewater Treatment Plant

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Dimas, Garling, Ligino-Kubinski, and Short. Voting Nay: 0.

5. Items for Discussion.

4.A. Resolution No. 18-R-0099 – Contract Award – Illini Power Products for Rental of a Standby Power Generator and Emergency Repairs to the Standby Power Generator at the Water Treatment Plant. Mr. Flatter explained that when the Water Treatment Plant was designed and originally constructed, it was equipped with a 1,200 kW standby generator to provide backup power in the event of a ComEd power failure. In late July 2018, the standby generator was discovered running outside its normally scheduled exercise period. The initial, apparent damage was repaired in early August by Illini Power Products, though loss of coolant was noted after each exercise, and staff maintained coolant level as needed thereafter. In September, when Illini inspected the generator as part of the 2018 Generator Maintenance Project, it was determined that several of the engine's gaskets and O-rings had failed, along with the block heaters, which was the cause of the additional coolant leaks. Repairs were initiated in November, and extensive damage was discovered at that time as a result of the July overheating condition. The cost of the repairs is estimated at \$144,915.37, and is based on a worst-case scenario. Illini had indicated to staff that it could provide the City with a portable standby generator (rental unit), while repair estimates were being obtained and while repairs were made, and could have such delivered and operational within a five to six hour window. Rather than incurring the cost of having a standby generator sit on-site at the Water Treatment Plant unused, and given the fact that the Water Treatment Plant had only operated on standby generator power approximately three times in the last 13 years, and since staff felt comfortable with a five to six hour delivery window, the decision was made not to have Illini deliver a rental unit when repairs were first initiated in November. The winter storm event that occurred on November 25-26, 2018, resulted in an unforeseen loss of ComEd power at the Water Treatment Plant. Fortunately, the power outage occurred during the night, and ComEd was able to restore power before the morning water usage rush. Being uncertain as to when ComEd would restore power, Illini was contacted, and they were able to supply the City with a portable standby generator (rental unit), where it remains available, if necessary, until the City's standby generator is refurbished. Staff recommends authorizing the Mayor to execute a contract with Illini Power Products for the rental of a standby generator for roughly four months and services to refurbish the Water Treatment Plant standby diesel generator engine. Staff is also working on getting the City's standby generator tied into SCADA so it can be monitored more closely to avoid a situation like this from happening again in the future. Alderman Beifuss inquired whether the engine block was also damaged, but Mr. Munder explained that the block is cast iron and is likely undamaged. As far as Illini can tell, the block is fine; it is the aluminum parts that are suspect/damaged. Alderman Beifuss also asked if there was additional damage incurred at the Water Treatment Plant because of the storm. Mr. Munder noted that there was some damage done to some electronic parts in the plant, but those only resulted in a cost of about \$1,400.00 in replacement parts. **Alderman Garling made a motion, seconded by Alderman Dimas to approve.**

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Dimas, Garling, Ligino-Kubinski, and Short. Voting Nay: 0.

6. Unfinished Business.

A. Salt Storage Facility Update. Mr. Flatter noted that staff was directed to report back on some questions that were posed during the November Infrastructure Committee meeting. The first question was regarding the possible construction of a temporary building structure, such as Clearspan, on a 70'x120' concrete foundation. The total construction cost would be approximately \$687,662.00 for a structure that is ultimately intended to be temporary. The next question centered around the conveyor system to be used with a Dome type salt structure. Dome Corporation reported that its permanent conveyor system should last 20+ years, and its portable system should last 12-15 years. The next question sought alternative soil stabilization options. After discussing alternatives with Testing Service Corporation (TSC), who obtained soil borings and prepared the initial Report of Soils Exploration, the recommendation is to excavate unsuitable material and fill the site with compacted clay. Trying to stabilize the ground with anything other than compacted clay would likely result in ground water being trapped under the proposed parking lot and building structure, which could potentially cause future stabilization and structural problems. CBBEL is still in talks with TSC about the use of Porous Granular Embankment (PGE) as an alternative depending on the time of year/cost compared to compacted clay. The final question requested design/build proposals for a Barn style structure constructed in stages over multiple years and a Barn style constructed in one year. Proposal #1 proposes completing the structure in one year for \$2,834,320.00. Proposal #2 proposes completing the structure over two years for \$2,999,300.00. A savings of approximately \$164,980.00 could be realized with Proposal #1. Following the November Infrastructure Committee meeting, there was also an inquiry about constructing a facility at the Street Division location, but a lack of space, site conditions, and aesthetics make staff believe this would not be a viable option. Following discussion, the Committee agreed to proceed with Proposal #1 to complete all required site improvements to comply with the DuPage County permit, and work with Bulk Storage Incorporated, to construct a 70'x120' Barn style salt storage structure on an asphalt foundation during 2019 for a Design/Build Contract Price of \$2,834,320.00. **Alderman Dimas made a motion, seconded by Alderman Ligino-Kubinski to present a professional services contract at the December 17, 2018, City Council meeting for design-build services related to the 1350 W. Hawthorne Lane Salt Storage Facility Project.**

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Dimas, Garling, Ligino-Kubinski, and Short. Voting Nay: 0.

7. New Business.

A. Alderman Dimas discussed an area on Vine Street, approaching Church Street and near an alley, which is completely dark. She is requesting staff speak with ComEd about the possibility of installing a light on an existing ComEd pole and what the cost would be to the City. She believes it to be a safety concern. Mr. Flatter said he would attempt to obtain a cost estimate from ComEd and bring it back to the January Infrastructure Committee meeting.

B. Alderman Beifuss requested an update on the switch to LED street lights. Mr. Flatter explained that ComEd has been actively switching out old lights for the LEDs, but he does not know specific numbers; he will bring an update about ComEd's progress to the January

Infrastructure Committee meeting. Mr. Flatter did mention that since the lights have been changed the City has only received one complaint from a resident believing that the replacement light was not as bright as the previous because it no longer lit up her yard. It was explained to her that they are not intended to light up private yards, but instead should illuminate the street and public right-of-way. Staff has not received any complaints about color differences or variations. Yvette Terrazas noted that some neighbors have commented on the perceived color change, and someone thought it hurt their eyes as well. Alderman Beifuss mentioned that he has heard some comments from people that have noticed the *brightness and* color difference also.

8. Reports from Staff. None.

9. Adjournment. At 7:49 P.M., Alderman Dimas made a motion to adjourn, seconded by Alderman Garling. Motion was unanimously approved by voice vote.

Respectfully submitted,

Ashley Heidorn
Administrative Assistant of Public Works