

WATER/ENVIRONMENTAL COMMITTEE

December 9, 2021

MEMBERS PRESENT

Chairman Bryant
Alderman Wilson
Alderman Budd

ALSO PRESENT

Mayor Barry
Alderman Dorchinecz
Alderman Brown
Water Foreman Brune

Tammy Rogers
Jim Brubaker
Greg Swanson
Brian Maillet

ABSENT

Alderman Driskell

Chairman Bryant called the meeting to order at 6:00 P.M.

SOLAR PRESENTATION, RENEWABLE ENERGY EVOLUTION

Mr. Greg Swanson, director of Solar Development for Renewable Energy Evolution, spoke about renewable/solar energy. Solar power at the Water Treatment Plant can be installed at no cost to the City to build, and provide an 80% savings for the first six(6) years. Following that time, the savings will be 90%. The project, Illinois Solar for All, is meant for low income areas, and Taylorville qualifies as a low income area. A private investor is needed to own the project for the first six years due to IRS codes. Following that period, the investor can sell or donate back to the City. Alderman Budd expressed concern of a potential conflict with our current contract with Direct Energy that covers the City property. Mayor Barry will call our representative to discuss coverage details and potential conflicts. The cost to the investors is \$1,200,000.00; REE will secure financing for the project. The potential timeline would be to start construction in August, with completion by October. The system would have a 25-30 year life, with a 25 year warranty on panels and 15 year warranty on inverters. REE will be directly involved for fifteen years. REE will send a letter of intent and financial spreadsheet to review. Further discussion will be held at the January 13, 2022 Water Committee Meeting, pending review of all documents by the City Attorney.

Motion by Chairman Bryant and seconded by Alderman Wilson to recommend to the City Council to forward Renewable Energy Evolution documents to the City Attorney for review. The motion carried 3-0.

MONTHLY STATUS REPORT

Water Foreman Marlin Brune presented the November 2021 monthly status reports.

CHEMICAL BID AWARDS

2022 Chemical bids were received and opened with the recommendations as follows:

Motion by Alderman Budd and seconded by Alderman Wilson to recommend to the City Council to approve the low bid for Liquid Aluminum Sulfate from Chemtrade at a cost of \$480.00 per dry ton. The motion carried 3-0.

Motion by Alderman Budd and seconded by Alderman Wilson to recommend to the City Council to approve the low bid for Liquid Chlorine from DPC Enterprises at a cost of \$1,595.00 per ton. The motion carried (3-0).

Motion by Alderman Wilson and seconded by Alderman Budd to recommend to the City Council to approve the low bid for CO2 from Airgas at a cost of \$230.00 per ton. The motion carried 3-0.

Motion by Alderman Wilson and seconded by Alderman Budd to recommend to the City Council to approve the bid for Carbon from Hawkins at a cost of \$1.05 per pound. The motion carried 3-0.

Motion by Alderman Wilson and seconded by Alderman Budd to recommend to the City Council approve the bid for Hydrofluosilicic Acid from Hawkins at a cost of \$0.3595 per pound. The motion carried 3-0.

Motion by Alderman Wilson and seconded by Alderman Budd to recommend to the City Council to approve the bid for Hydrogen Peroxide from Hawkins at a cost of \$0.3811 per pound. The motion carried 3-0.

Motion by Alderman Wilson and seconded by Alderman Budd to recommend to the City Council to approve the bid for Acetic Acid 56% from Hawkins at a cost of \$0.385 per pound. The motion carried 3-0.

Motion by Alderman Wilson and seconded by Alderman Budd to recommend to the City Council to approve the low bid for Phosphoric Acid 75% from Hawkins at a cost of \$0.9899 per pound. The motion carried 3-0.

SERVICE LINE MATERIAL BID AWARD

2022 Service Line bids were opened, with Midwest Meter being the lowest qualifying bidder.

Motion by Alderman Wilson and seconded by Alderman Budd to recommend to the City Council to approve the low bid for Service Line Materials from Midwest Meter in the amount of \$12,662.72. The motion carried 3-0.

WATER COLLECTION OFFICE UPDATE

Water Foreman Brune supplied an update of billing and collection numbers for the Water Collection Office.

WATER SUPERINTENDENT'S UPDATE

Water Foreman Brune provided updates and conclusions on various projects at the Water Treatment Plant.

Motion made by Alderman Wilson and seconded by Alderman Budd to adjourn. The motion carried 3-0. The meeting adjourned at 7:04 P.M.

Megan Bryant, Chairman
Water/Environmental Committee