

RESOLUTION 04-2016-03

AUTHORIZING THE UTILITIES DIRECTOR TO REQUEST QUALIFICATIONS AND ENTER INTO A CONTRACT(S) FOR ENGINEERING SERVICES AND TO ADVERTISE FOR BIDS AND EXECUTE A CONTRACT(S) FOR THE CONSTRUCTION OF THE MICROFILTRATION MEMBRANE EXPANSION AT THE WATER TREATMENT PLANT

WHEREAS, recent improvements at the Water Treatment Plant have included a 3.0MGD Microfiltration and Low Pressure Reverse Osmosis treatment process, also known as the Integrated Membrane System Plant (IMS Plant) and original planning of the project included the expansion of additional treatment trains of the IMS Plant; and

WHEREAS, staff has been experiencing reduced membrane production due to the frequent cleaning and backwashing of the microfiltration units; and

WHEREAS, an additional microfiltration train would alleviate the reduced membrane production and operational difficulties experienced by the plant staff, and

WHEREAS, funds were included in the 2016 Water & Sewer Capital Improvement Fund Budget for engineering and construction of an addition microfiltration train, now therefore

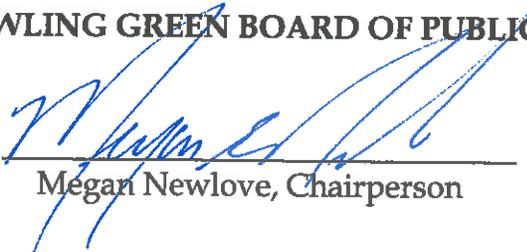
BE IT RESOLVED, by the Bowling Green Board of Public Utilities, a majority of its members thereto concurring, that the Utilities Director is authorized to request qualifications and enter into a contract for engineering services, and to advertise for bids and enter into a contract for the construction of the Microfiltration Membrane Expansion for the IMS Treatment Plant; and

BE IT FURTHER RESOLVED, that the Bowling Green City Council is respectfully requested to concur in the Board of Public Utilities action by granting the necessary legislative approval.

ADOPTED this 25th day of April 2016

ATTEST:

BOWLING GREEN BOARD OF PUBLIC UTILITIES

By: 
Megan Newlove, Chairperson

By: 
Michael Frost, Secretary

RESOLUTION 04-2016-04

AUTHORIZING THE UTILITIES DIRECTOR TO APPLY FOR AND EXECUTE AN AGREEMENT FOR A LOAN THROUGH THE OHIO EPA AND/OR OWDA WATER SUPPLY REVOLVING LOAN FUND (WSRLA) PROGRAM FOR THE MICROFILTRATION MEMBRANE EXPANSION AT THE WATER TREATMENT PLANT

WHEREAS, recent improvements at the Water Treatment Plant have included a 3.0MGD Microfiltration and Low Pressure Reverse Osmosis treatment process, also known as the Integrated Membrane System Plant (IMS Plant) and original planning of the project included the expansion of additional treatment trains of the IMS Plant; and

WHEREAS, staff has been experiencing reduced membrane production due to the frequent cleaning and backwashing of the microfiltration units; and

WHEREAS, an additional microfiltration train would alleviate the reduced membrane production and operational difficulties experienced by the plant staff, and

WHEREAS, funds were included in the 2016 Water & Sewer Capital Improvement Fund Budget for engineering and construction of an addition microfiltration train, and

WHEREAS, Ohio EPA is accepting nominations for HAB-related infrastructure improvements at 0% funding; now therefore

BE IT RESOLVED, by the Bowling Green Board of Public Utilities, a majority of its members thereto concurring, that the Utilities Director is authorized to apply for and execute an agreement for a loan through the Ohio EPA / OWDA Water Supply Revolving Loan Fund program for the Microfiltration Membrane Expansion for the IMS Treatment Plant; and

BE IT FURTHER RESOLVED, that the Bowling Green City Council is hereby respectfully requested to concur in the Board of Public Utilities' action by granting the necessary legislative approval.

ADOPTED this 25th day of April 2016

ATTEST:

BOWLING GREEN BOARD OF PUBLIC UTILITIES

By: _____

Megan Newlove, Chair

By: _____

Michael Frost, Secretary

RESOLUTION 04-2016-05

AUTHORIZING THE UTILITIES DIRECTOR TO ADVERTISE FOR BIDS AND ENTER INTO A CONTRACT(S) FOR THE PURCHASE AND INSTALLATION OF AN AUTOMATIC TRANSFER SWITCH FOR THE WATER TREATMENT PLANT

WHEREAS, the City of Bowling Green, Ohio, owns and operates a water utility system for the benefit of its citizens and customers; and

WHEREAS, the existing automatic transfer switch is unreliable and has experienced several operational issues over the past few years; and

WHEREAS, staff recommends the purchase of a new automatic transfer switch to ensure power to the plant in the event of a power outage; and

WHEREAS, funds were included in the 2016 Water & Sewer Capital Reserve Fund for a new automatic transfer switch; now therefore

BE IT RESOLVED, by the Bowling Green Board of Public Utilities, a majority of its members thereto concurring that the Utilities Director is authorized to advertise for bids and enter into a contract(s) for the purchase and installation of a new automatic transfer switch for the Water Treatment Plant; and

BE IT FURTHER RESOLVED, that the Bowling Green City Council is hereby respectfully requested to concur in the Board of Public Utilities action by granting the necessary legislative approval.

ADOPTED this 25th day of April 2016

ATTEST:

BOWLING GREEN BOARD OF PUBLIC UTILITIES

By: _____

Megan Newlove, Chair

By: _____

Michael Frost, Secretary

RESOLUTION 04-2016-06

AUTHORIZING THE UTILITIES DIRECTOR TO ENTER INTO A CONTRACT(S) WITH AMERICAN MUNICIPAL POWER, INC. AND NEXTERA TO SUBSCRIBE FOR 13.74 MW IN THE AMP SOLAR PROJECT PHASE II

WHEREAS, the cost effectiveness of electricity from solar photovoltaic (PV) systems have improved over time with advances in integration of multi-megawatt PV systems onto the grid at utility scale have yielded promising results for larger scale installations; and

WHEREAS, American Municipal Power, Inc. (AMP) has identified a need within the membership for peaking generating resources as referred to in the 2015 Leidos Long Term Power Supply Plan Update; and

WHEREAS, AMP has identified several potential sites in AMP member communities for the construction of the solar generation project; with one of those sites located on property owned by the City of Bowling Green, Ohio; and

WHEREAS, city-owned and rented farmland located between Carter, Newton and Anderson Roads, consisting of 317 acres has been selected as a proposed sight for the development of a 20.0 MW AC facility; and

WHEREAS, the City can utilize 13.74 MW of solar generation in our power supply portfolio as recommended in the 2015 Leidos Long Term Power Supply Plan; and

WHEREAS, AMP has entered into a Power Purchase Agreement with NextEra, a solar development company; and

WHEREAS, an Interconnection Agreement outlines AMP's, the City's, and NextEra's responsibilities for the construction and installation of all power lines and equipment from the City's 69kV transmission system to the interconnection point with the solar facility; and

WHEREAS, ownership of the 69kV transmission line and related equipment outside of the solar facility will be transferred to the City of Bowling Green upon completion; and

WHEREAS, all equipment inside the solar facility will be owned, operated and maintained by NextEra as part of the project subject to the terms and conditions of the Agreements; now therefore

BE IT RESOLVED, by the Bowling Green Board of Public Utilities, a majority of its members thereto concurring, that the Utilities Director is authorized to enter into a contract(s) to subscribe to the AMP Solar Phase II Project for 13.74 MW AC capacity including a Power Sales

a Power Sales Contract, a Solar Project Lease Agreement to construct a 20.0 MW AC solar generation facility on City owned property, and an Interconnection Agreement; and

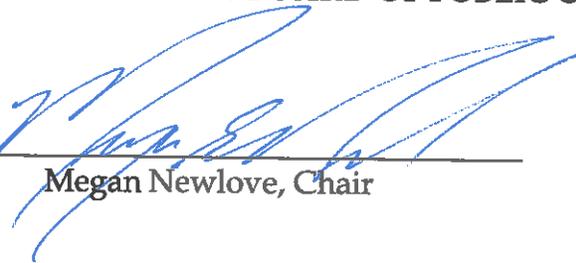
BE IT FURTHER RESOLVED, that the Bowling Green City Council is hereby respectfully requested to concur in the Board of Public Utilities action by granting the necessary legislative approval.

ADOPTED this 25th day of April 2016

ATTEST:

BOWLING GREEN BOARD OF PUBLIC UTILITIES

By:

A handwritten signature in blue ink, appearing to read 'Megan Newlove', written over a horizontal line.

Megan Newlove, Chair

By:

A handwritten signature in blue ink, appearing to read 'Michael Frost', written over a horizontal line.

Michael Frost, Secretary