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Department of Utilities
Water Treatment Facility
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TO: Chairperson Kyle Lobner and Members of the Finance Committee

FROM: Chris Shaw, Utilities Director
Paula Vandehey, Public Works Director

DATE: February 2, 2021

RE: *Award Change Order 1 for the Phase I Lake Station Construction Contract to Miron Construction Company in an amount \$173,214.65 decreasing project contingency from \$360,700 to \$187,485.35*

BACKGROUND:

The Appleton Water Treatment Facility (AWTF) draws and treats raw water from Lake Winnebago through the Raw Water Lake Station (RWLS). The RWLS is the largest satellite facility within the Appleton Water Utility. The station processes raw water through screening and pretreatment oxidation. Once pretreated, the water is pumped to the AWTF. The intent of this project is to address reliability and redundancy in raw water treatment and to meet current regulatory standards under Wisconsin Administrative Code.

This project is currently in the construction phase with Miron Construction Company as the general contractor. The project is approximately 65% complete with installations of two new travelling screens, a new conveyance system for wastes to be collected, and electrical motor control centers. Over the course of 2021, this project will also be addressing the pretreatment chemical delivery system, sampling and collection, incoming high voltage power and distribution, as well as other necessary building systems (e.g., roof, HVAC, noise mitigation system, etc.).

This project was designed to be integrated with the 2021 phase II project which will provide for a redundant raw water line from the lake station to the water plant. The phase II pipe route is currently being finalized with the Village of Harrison and the City of Menasha. The City's Department of Public Works is currently the design engineer and will provide field services during construction for phase II.

In an effort to produce a lower project cost, City staff and McMahon Associates produced project specifications for the pipe integration which will, if approved with this change order, transfer some project elements from phase II to phase I. This recommendation includes transferring the necessary valve, fittings, actuator, and controls to phase I. Also included are all the labor and materials along with the concrete coring.

FUNDING:

Due to construction cost reductions at this time and a currently unused contingency fund, I feel it is appropriate to request funding for this change order under the current Miron Construction Company contract. It should be noted that the Phase II construction bids will be reduced by the transfer of this work into Phase I.

RECCOMENDATION:

Award Change Order 1 for the Phase I Lake Station Construction Contract to Miron Construction Company in an amount \$173,214.65 decreasing project contingency from \$360,700 to \$187,485.35

If you need more information regarding this phase of the project please contact Chris Shaw at 832-5945.