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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

DATE: April 23, 2020

RE: *Award the Phase I Construction Contract to Miron Construction Company for the Intake and Shore Well Pumping Station 2020 Project in the Amount of \$3,607,005 with a 10% contingency of \$360,700 and a total not to exceed \$3,967,705*

BACKGROUND:

The Appleton Water Treatment Facility (AWTF) draws and treats raw water from Lake Winnebago through the Raw Water Lake Station. Once pretreated, the water is pumped to the AWTF. The intent of this project is to address reliability and redundancy in raw water treatment.

The lake intake and shorewell were constructed in 1968. The intakes' configuration and building materials are prone to icing events that have stopped raw water. The lake station traveling screen removes large objects from the raw water intake such as logs, fish, and other debris. The chemical delivery systems dispense pretreatment chemical to start water treatment. This project will provide for a replacement screen, an additional screen and a screenings conveyance system for wastes to be collected. This project will also see upgrades to the pretreatment chemical delivery system, incoming high voltage power, and utilities, as well as necessary other building systems (e.g., roof, HVAC, noise mitigation, etc.).

Project planning to date has consisted of conditions assessments and alternatives analyses for both existing equipment and structures as well as proposed improvements to the lake station and intake. McMahan was selected to team with AWTF staff and produce construction bidding documents.

McMahan has made available a report which summarizes their efforts and also serves as a planning document for three individual project phases of the larger project. The first phase is engineering and construction that is detailed in this memo. Phase II will consist of providing a raw water transmission line from the lake station to the AWTF. The engineering effort for this phase of the project is being led by the City's Engineering

Department. Phase III will provide for an intake out into Lake Winnebago. This project phase is planned for construction after 2022.

CONSTRUCTION BIDS:

A mandatory contractor prebid meeting was conducted at the Lake Station on April 2, 2020 and the bid opening occurred on April 16, 2020. Due to COVID-19 concerns and the City Center not being accessible, bids were allowed electronically. It should be noted that any bidding irregularities are being waived for this process. Two bids were responsive and met requirements as defined by the project engineer (table below).

Company	Construction Bid
Miron Construction Company, Inc.	\$3,607,005
August Winter and Sons, Inc	\$3,777,350

Based on their bid and submitted bidding documents along with reference checks, McMahon has recommended Miron Construction Company for the Phase 1 construction project.

FUNDING:

The 2020 Capital Improvement Project budget has identified \$3,600,000 for this project. In order to produce a contingency fund and remain within the budget, funding is available from 2019 carryover and was purposely identified for this project.

RECCOMENDATION:

I recommend award of the Phase 1 Construction Contract to Miron Construction Company for the Intake and Shore Well Pumping Station 2020 Project in the Amount of \$3,607,005 with a 10% contingency of \$360,700 and a total not to exceed \$3,967,705

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