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Department of Utilities
Water Treatment Facility
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TO: Chairperson Brad Firkus and Members of the Finance Committee

CC: Water Plant Operations Supervisor John Pograd

FROM: Utilities Director Chris Shaw

DATE: April 27, 2023

RE: *Award Contract for the AWTF Phosphoric Acid Treatment Project to August Winter and Sons in the amount of \$863,750 with a 10% contingency of \$86,375 for a project total not to exceed \$950,125*

BACKGROUND:

The Appleton Water Treatment Facility (AWTF) utilizes a group of specifically approved chemicals as part of the drinking water treatment process. Each chemical is intended to perform a unique purpose within the water treatment "train". The AWTF existing chemical storage room was designed as part of original plant construction in 2001 for the intended purpose of supporting the regulatory approved treatment processes and associated components within.

The AWTF received formal WDNR notice to change the corrosion control treatment chemical from polyphosphate to phosphoric acid. This conversion chemical treatment installation must be completed and operational by May 24, 2024.

ENGINEERING:

Bidding documents for a Phosphoric Acid Treatment System were prepared by McMahon and Associates. McMahon obtained regulatory approvals from both the WDNR and Public Service Commission (PSC). McMahon will also serve as the construction manager and perform contract administration services.

Utilities Committee Memo
Phosphoric Acid Construction Award
Date: April 27, 2023

BID PROCESS:

The project drawings and bidding documents were completed in February 2023. A pre-bid meeting was held on April 13, 2023 with good attendance. Bids were opened on April 26, 2023. There were two bidders: August Winter and Sons and Rohde Brothers, Inc. The table below identifies the contractors' bids. August Winter and Sons provided the responsible bid as they bid both base bid requirements. The project engineer, McMahon, recommends August Winter and Sons for this construction contract.

CONTRACTOR	Bid A	Bid B	Bid A&B Deduct	Bid Total
August Winter and Sons	\$814,750	\$197,000	\$148,000	\$863,750
Rohde Brothers, Inc.	\$792,000	Incomplete	No Deduct	Incomplete

The 2023 budget includes \$1,150,000 funding for engineering and construction.

RECOMMENDATION:

I recommend contract award for the AWTF Phosphoric Acid Treatment Project to August Winter and Sons in the amount of \$863,750 with a 10 % of contingency of \$86,375 for a project total not to exceed \$950,125

If you have any questions regarding this project please contact me at ph: 832-2362.