



DEPARTMENT OF  
**UTILITIES**

Department of Utilities Water Treatment Facility  
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Menasha, WI 54952  
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[www.appleton.org/government/utilities](http://www.appleton.org/government/utilities)

## MEMORANDUM

**Date:** September 26, 2024  
**To:** Chairperson Brad Firkus and Members of the Finance Committee  
**From:** Chris Stempa, Utilities Director  
**CC:** Ryan Rice, Utilities Deputy Director  
Kelli Rindt, Enterprise Fund Accounting Manager  
**Subject:** **Finance Committee Action: Award Appleton Water Treatment Facility Carbon Dioxide System Rehabilitation Project Base Bid to Rohde Brothers, Inc., in the amount of \$208,000 with 10% contingency of \$20,800 for a project total not to exceed \$228,800**

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## BACKGROUND:

The Appleton Water Treatment Facility (AWTF) utilizes a TOMCO2 liquid carbon dioxide (CO<sub>2</sub>) system for pH adjustment and fire suppression of the Powdered Activated Carbon (PAC) system. The existing liquid CO<sub>2</sub> system was commissioned as part of the original AWTF construction in 2001. In 2023, McMahon Associates, Inc (McMahon) to conducted a condition assessment of the existing carbon dioxide storage and feed system under an independent contract. As part of that assessment, the following improvements were identified within the report:

- Various instrumentation and piping repairs, recommended by TOMCO2.
- Refrigeration upgrades.
- Restore function to existing load cells, or replace, if needed.
- Electrical and control remediation based on mechanical upgrades.

The Opinion of Probable Construction Cost for these improvements was projected to range from \$300,000 to \$350,000. The 2023 Utilities Department Capital Improvements Program (CIP) plan identified \$450,000 for engineering services and construction associated with CO<sub>2</sub> bulk storage system improvements.

## BIDS

The bidding documents were formulated based on the condition assessment findings identified by McMahon. On September 17, 2024, the city opened and reviewed the bids from two contractors which are summarized in the Table 1. Each bid met the submittal requirements with Rohde Brothers, Inc. being the least cost responsible bidder.

**Table 1: Carbon Dioxide System Rehabilitation Project Bid Tab Summary**

<b>Company</b>	<b>August Winter &amp; Sons</b>	<b>Rhode Brothers, Inc.</b>
Base Bid	\$339,000	\$208,000

**RECOMMENDATION:**

I am recommending contract base bid award of the AWTF Carbon Dioxide System Rehabilitation Project to Rohde Brothers, Inc., in the amount of \$208,000 with 10% contingency of \$20,800 for a project total not to exceed \$228,800.

If you have any questions or require additional information regarding this project, please contact Chris Stempa at 920-832-5945.

**Encl:** Bid Tab and Recommendation



September 24, 2024

Chris Stempa, Director of Utilities  
City of Appleton Department of Utilities  
2006 E. Newberry Street  
Appleton, WI 54915

Re: City of Appleton Department of Utilities  
Water Treatment Facility  
Carbon Dioxide Storage System Upgrades  
Letter of Recommendation  
McM. No. A0005-09-24-00437

On September 17, 2024 bids were received via Quest CND.com for the above referenced project. Two (2) bids were received, ranging in price from \$208,000.00 to \$339,000.00 (bid tabulation enclosed).

Based upon the bids received, we recommend awarding Contract A0005-09-24-00437 to the low bidder, Rohde Brothers, Inc., in the amount of \$208,000.00.

If you agree with our recommendation, please date and sign the enclosed Notices of Award, and return a copy to our office for incorporation into the Contract Documents.

If you have any questions, please feel free to contact me.

Respectfully,

McMahon Associates, Inc.

A handwritten signature in black ink that reads "Donald J. Voogt".

Donald J. Voogt, P.E.  
Vice President / Senior Project Manager

DJV:jlh

Enclosures: Notice of Award  
Bid Tabulation



## BID TABULATION

Owner:	City of Appleton Department of Utilities
Project Name:	Water Treatment Facility Carbon Dioxide Storage System Upgrades
Contract No.	A0005-09-24-00437
Bid Date:	September 17, 2024
Bid Time:	Received until 1:45 p.m., Opened at 2:00 p.m.
Project Manager:	Donald J. Voogt, P.E.

Contract No. A0005-09-24-00437	ROHDE BROTHERS, INC. W5745 Woodchuck Lane PO Box 409 Plymouth, WI 53073	AUGUST WINTER & SONS, INC. 2323 N. Roemer Road PO Box 1896 Appleton, WI 54912-1896
BASE BID	\$208,000.00	\$339,000.00
Bid Security - 5%	Yes	Yes
Addenda - N/A	N/A	N/A