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Department of Utilities
Wastewater Treatment Plant
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To: Chairperson Vered Meltzer and Members of the Utilities Committee

From: Chris Stempa, Utilities Deputy Director

CC: Utilities Director Chris Shaw
Kelli Rindt, Enterprise Fund Accounting Manager

Date: January 6, 2023

Re: **Action:** *Award axial flow sludge blending pump impeller repair contract to August Winter and Sons in the amount of $23,000 with a 15% contingency of $3,450 for a total to not exceed $26,450*

BACKGROUND:

The Appleton Wastewater Treatment Plant (AWWTP) utilizes two large axial flow pumps in the solids operations train. These axial flow pumps have reliably operated since the late 1970's to blend post digested sludge to a homogenous state. In November 2022, the impeller on one of the axial flow pumps failed making it unusable. Four companies were asked to submit quotes for the repair of the failed impeller. Lead time is a critical consideration because of the 50% loss of overall blending capacity. Noteworthy is that the lead time of a new replacement pump (separate memorandum, dated December 29, 2022) is 5-months. Only two of the four firms that were contacted provided quotes. Reasons cited included the age of the equipment, questions or concerns pertaining to the repair in the absence of explicit design drawings, and/or the short lead time desired by the city.

Table 1: Quote Summary

Company	Quote	Estimated Lead Time
August Winter and Sons	$23,000	2-3 weeks
Sabel Mechanical	$24,555 $31,915	10-weeks 6-weeks (expedited)
Staab Construction	Did not Quote	
EMNOR	Did not Quote	

RECOMMENDATION:

Approval of the axial flow pump impeller repair contract to August Winter and Sons, Inc. in the amount of $23,000 with a 15% contingency of $3,450 for a total not to exceed $26,450.

If you have any questions regarding the project or the associated change order, please contact Chris Stempa at 832-2353.