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

From: Chris Stempa, Utilities Deputy Director

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

Date: January 28, 2022

Re: Action Item: Approve increase in contract contingency as part of the 2021 Secondary Clarifier Drive Removal, Rebuild, and Reinstallation Project totaling \$75,000 resulting in an increase to contingency from \$26,145 to \$101,145

BACKGROUND:

On June 2, 2021 Common Council approved contract for the 2021 Secondary Clarifier Drive Removal, Rebuild, and Reinstallation Project in the amount of \$174,302 with 15% contingency of \$26,145 for a project total not to exceed \$200,447. During the fall of 2021 Sabel Mechanical (Sabel) successfully completed the rebuild and reinstallation Secondary Clarifier #3 and #6 in the fall of 2021. During active construction, Sabel identified additional repairs outside of the original contract that would prolong useful life and reliability of the equipment which is identified within Table 1. The Utility Department authorized the change order work (per Section IV P of the Procurement and Contract Management Policy) that allowed for these clarifiers to be placed back into service.

Table 1: Secondary Clarifier Rebuild Change Orders

CO#	Cost	Date	Description
CO#1	\$8,146	10/18/2021	Replace all 12 aluminum skimmer assemblies with 304SS
CO#2	\$4,578	11/8/2021	Raise #6 tow-bro manifold to the gasket as it has become worn and install ring.

TOTAL \$12,724

In December 2021 staff observed that the algae sweep and rake assembly on Secondary Clarifier #2 had caught the weir causing the A-frame structures to bend. The sweeps were removed by staff to allow for ongoing operation through the winter. However, the damage to

the existing A-frames that support the sweep/rake assemblies is extensive enough to require replacement.

QUOTE:

The Utilities Department requested a quotation from Sabel to perform this work in conjunction with the ongoing clarifier drive rebuild work set to resume in the spring of 2022. The total estimated labor and material cost replace the associated A-frames, four bottom brackets, and scum blade on Secondary Clarifier #2. The total cost provided by Sabel on December 21, 2021 was \$19,934. It should be noted that the price volatility caused by ongoing supply chain disruptions could impact cost depending on the timeline of work (assuming it is authorized). The amount of the quote if acted upon today would exceed the original authorized contingency amount by \$6,543.

RECOMMENDATION:

The Utility Department requests the transfer of \$75,000 from remaining funds within the 2021 Secondary Clarifier Drive Removal, Rebuild, and Reinstallation Project budget to cover costs outlined in the December 21, 2021 Sabel quote including additional unforeseen repair or replacement work that may be discovered when the remaining four secondary clarifier drives are rehabilitated. If approved the \$75,000 transfer would result in an increase to contingency from \$26,145 to \$101,145 less the amounts of Change Orders #1 and #2.

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