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Department of Utilities
Wastewater Treatment Plant
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To: Chairperson Brad Firkus and Members of the Finance Committee

From: Chris Stempa, Utilities Director

CC: Kelli Rindt, Enterprise Fund Accounting Manager

Date: March 6, 2024

Re: **Information: *Change Orders #15 and #16 to Miron Construction contract as part of the AWWTP Sludge Storage Building Addition Construction Project totaling \$5,379 resulting in a decrease in contingency from \$522,005 to \$516,626***

BACKGROUND:

On July 20, 2022, Common Council approved a contract for the Appleton Wastewater Treatment Plant (AWWTP) Sludge Storage Building Addition Construction Project to Miron Construction in the amount of \$5,330,989 with 15% contingency of \$799,648 for a project total not to exceed \$6,130,637. The change order tasks summarized within Table 1 on page 2 represent work added to the original contract scope of work (per Section IV P of the Procurement and Contract Management Policy) or deleted from, which alters the original contract amount.

CHANGE ORDER #15

Change Order #15 reflects a no cost change order to incorporate remote fan control in lieu of individual local stop-start pushbutton controls described within the project specifications. The new Motor Control Center fan start-stop controls would be eliminated from the plans and instead new wires landed to a single remote switch in an auxiliary panel. This change would make the new building addition exhaust fan operation consistent with the control strategy of the existing exhaust fans that support the other sludge storage buildings.

CHANGE ORDER #16

Change Order #16 reflects labor and material costs to fabricate an additional removable concrete wall plank section. The additional wall plank would replace an existing concrete wall plank that was originally fabricated to match the contoured concrete floor of the original 1983 Sludge Storage Building. That floor has since been replaced with a simplified design that does not conform with one of the former concrete wall planks.

Table 1: Change Order (CO) Summary

CO #	Cost	Description
CO#1	\$28,171.18	Revised face brick from specified manufacturer to match existing
CO#2	\$30,235.78	Changes to stormwater design
CO#3	\$50,910.19	Changes to road pavement from flexible asphalt to concrete.
CO#4	\$15,607.16	Fire access lane extension and revise storage pad configuration.
CO#5	\$43,722.80	Light pole and circuit relocation, lintel support, steel column couplers
CO#6	\$46,436.94	Eight removable precast retaining wall sections and bent plate for removable walls.
CO#7	\$10,875.79	Extend existing height of existing walk plank columns, relocation of conveyor speed switch, louver opening modifications, wall extension, and credit for reusing existing electrical conduit.
CO#8	\$21,496.52	Steel reinforcement of the existing wall plank columns.
CO#9	\$2,942.55	Demolition of lime screw auger assembly and controls, solid trench drain covers, modification to conveyor plow drop chute, and credit for plow hand actuators in lieu of electric actuators.
CO#10	\$9,659.30	Replace existing east overhead door track door with a new coiling door
CO#11	\$7,044.35	Explosion proof coiling door operator and controls.
CO#12	\$7,487.77	Painting/coating for additional steel fabrication associated with CO#6 & #8.
CO#13	\$5,081.53	East conveyor catwalk modifications.
CO#14	+\$2,028.60	Credit to eliminate east conveyor drip pans.
CO#13	0.00	Provide remote exhaust fan control in lieu of stop start pushbutton control
CO#14	\$5,378.51	Provide an additional removable wall plank

Total \$283,021.77

The \$283,021.77 in costs through Change Order #16 represents 35% of the original \$799,648 of approved contingency. Substantial completion was obtained later in February with the formal commissioning of the conveyor systems and fire suppression deluge system. Final completion will not occur until May or June 2024.

Please contact me at 920-832-5945 if you have any questions or require additional information regarding this project.