



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

From: Chris Stempa, Utilities Deputy Director

CC: Kelli Rindt, Enterprise Fund Accounting Manager

Date: January 4, 2024

Re: Information: *Approve Change Orders #9, #10, and #11 to Miron Construction contract as part of the AWWTP Sludge Storage Building Addition Construction Project totaling \$19,646 resulting in a decrease in contingency from \$552,192 to \$532,546*

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 represents 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 #9

Change Order #9 reflects the cost to remove the obsolete Lime Screw Auger Assembly, Nuclear Scale and Conveyor Control Panel, the fabrication and installation of a chute from the belt plow FV-001A, and the elimination of the electric plow actuators in lieu of hand actuators (credit). The abandoned lime system equipment interfered with the installation of the conveyor's deluge enclosure. Monitoring of the conveyor system will be done by a new video camera system and the need for remote control of conveyor plows is no longer required. The drop chute modification was required to improve discharge off the new plow into the storage area. This change order also includes the cost to provide unbolted, removeable solid lids with pick points over the existing trench drain within sludge load out area. The open trench drains become packed with sludge during hauling. The solid lids will be used to replace the open grates during loadout periods to avoid filling the trenches with sludge.

CHANGE ORDER #10

Change Order #10 reflects the cost for labor and materials to replace the existing east overhead rolling door with a coiling door similar to the west side of the sludge storage building. The new coiling door will mitigate the loader clearance issues with the existing

overhead door track within the new load out area in the northeast corner of the main sludge storage building.

CHANGE ORDER #11

Change Order #11 reflects the cost for an explosion proof rolling door actuator and controls as required by the National Fire Protection Association (NFPA) standards for Class I Division 2 rated spaces.

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.
Total	\$267,102.56	

The \$267,102.56 in costs through Change Order #11 represents 33% of the original \$799,648 of approved contingency. The project is nearing substantial completion with the commissioning of the new east conveyor set for early January 2024. If you have any questions regarding the project or the associated change orders, please contact Chris Stempa at 832-2353.