

Memo

To: Patricia Davis, P.E., Brad Marshall
From: Jonathan Tran, P.E. / Charles Cameron
Copy: Matt Gaughan, P.E.
Date: April 29, 2021
Subject: CWWTP1 Change Order 0003

For the Central Wastewater Treatment Plant Expansion project, the Owner's Representative Team recommends approval of the attached Change Order 0003 in the amount of \$130,813.37 and 14 additional days to the contract with BAR Constructors, Inc. for the one item in Table 1 below.

The current contract price is \$42,201,312.96 and the revised total not to exceed contract price, including this change order, will be \$42,332,126.33. The current contract Final Completion date is 02/05/2022, and the revised contract Final Completion date will be 02/19/2022.

Item No.	Description	Net Change in Cost	Net Change in Time	Change Order Code
1	CP0029 – RAS WAS Piping Changes	\$3,589.29	0 days	F
2	CP0032 – Blower Header Valve Change	\$4,081.97	0 days	F
3	CP0033 – Bio Solids Building Emergency Power	\$123,142.11	14 days	R
Total	Net Change to Contract	\$130,813.37	14 days	

Item No. 1: CP0029 RAS WAS Piping Change

F – Field Detailed Design

During submittal of the RAS WAS Pumps, the pump manufacturer requested a change to some of the suction and discharge piping of RAS WAS Pumps for their performance requirements. The as-bid sizes were 8" and 12" piping. The piping changed to 10" for these pumps. The additional cost is for the difference in valves, fittings, pipe supports and other miscellaneous parts for this change.

Item No. 2: CP0032 Blower Header Valve Change

F – Field Detailed Design

During the review of the submittal for the blower valves for solids handling area, the engineer noted that the submitted manufacturer valve seals would not meet the

temperature requirements of the air application. The contractor found a different manufacturer which had seals rated for this application. The additional cost is for the difference of cost of these valves.

Item No. 3: CP0033 Bio Solids Building Emergency Power

R – Owner Request

This project is constructing three new electrical buildings for the new plant expansion. The existing biosolids building is currently fed off of an individual power feed and is not hooked up to an emergency generator on the plant. Due to last winter storm, this caused major issues during the power outages. The plant has requested power be run from the new electrical building no. 3 which is also backed up by an emergency generator. The additional cost is for labor and materials to install new ductbanks, wiring and miscellaneous terminations in each building.

Change Order Codes

D - Design Issue	Clarification of ambiguity in the design documents
F - Field Detailed Design	Scope of work not yet incorporated into the Tender Design Documents
R - Owner Request	Requested by authorized Owner personnel
S - Site Condition	Variation caused by unforeseen or unique site conditions
E - Value Engineering / Enhancement	Variation which resulted in increased value to the Owner
X - Other	All other categories