
AGENDA ITEM SUMMARY

Subject: WRRF Change Order #4



Top Goals - 2019

Background Summary:

The following is Change order #4 associated with the Water Resource Recovery Facility Project (WRRF). (Change order #3 associated with the work stoppage will be reviewed in full at the next council meeting along with change order #4).

There are four items being addressed with this change order which would result in a project cost increase of: \$91,9240.00 to the project. One is a reduction in cost and the remaining three are increases, the largest being the the bringing in of a suitable clay material for the EQ basin, \$70,271.25.

We've discussed these items on a staff level with Fox Engineering and Portzen construction and I am supportive of approving this Change Order.

CITY OF CHARLES CITY

Date of Issuance: 1/26/2021	Effective Date: 2/1/2021
Owner: City of Charles City	Owner's Contract No.:
Contractor: Portzen Construction, Inc.	Contractor's Project No.: 19-18
Engineer: FOX Engineering	Engineer's Project No.: 2389-15A
Project: 2019 Activated Sludge Plant, WRRF	Contract Name:



The Contract is modified as follows upon execution of this Change Order:

Description:

- Item 1** Restrained Joints: Contractor requested to not install select piping systems fully restrained as required per project specifications. Change Proposal Request (CPR) 2. **Deduct \$3,500.00.**
- Item 2** Raw Pump PLC Control and Addition: Existing MicroLogix PLC does not have capacity to add all the proposed equipment at the raw pump station (SPCP-B). Add new AB MicroLogix 1400 PLC connected via Ethernet per Field Order 13. CPR 18R. **Add \$11,437.65.**
- Item 3** Equalization Pump Control System: Submersible equalization pumps, as originally supplied, have a more complex protection system and would not function independently thus having a single point of failure which could prevent the operator from running pumps in Hand per RFI 36. Systems integrator intends to design/build enclosure for pump manufacturer's protection devices. CPR 19R. **Add \$13,715.10.**
- Item 4** Imported Material for EQ Clay Liner: Suitable "clay" material to form a secondary seal for the flow equalization basin was not available onsite. Contractor hauled approximately 8,100 CY of clay material to the site. See attached FOX letter "2020 12 30 Change Proposal Requests No 2", CPR 21 and CPR 22. **Add \$70,271.25.**

Attachments: CPR 2, CPR 18R, CPR 19R, CPR 21, CPR 22
FOX Letter "2020 12 30 Change Proposal Requests No 2"

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price: \$ <u>16,948,000.00</u>	Original Contract Times: Milestone 1: <u>May 28, 2021</u> Substantial Completion: <u>December 1, 2021</u> Ready for Final Payment: <u>May 31, 2022</u> days or dates
Increase from previously approved Change Orders No. 1 to No. 3: \$ <u>306,867.96</u>	Increase from previously approved Change Orders No. 1 to No. 3: Milestone 1: <u>95 days</u> Substantial Completion: <u>176 days</u> Ready for Final Payment: <u>92 days</u> days or dates
Contract Price prior to this Change Order: \$ <u>17,254,867.96</u>	Contract Times prior to this Change Order: Milestone 1: <u>August 31, 2021</u> Substantial Completion: <u>May 26, 2022</u> Ready for Final Payment: <u>August 31, 2022</u> days or dates
Increase of this Change Order: \$ <u>91,924.00</u>	Increase of this Change Order: Milestone 1: <u>0 days</u> Substantial Completion: <u>0 days</u> Ready for Final Payment: <u>0 days</u> days or dates
Contract Price incorporating this Change Order: \$ <u>17,346,791.96</u>	Contract Times with all approved Change Orders: Milestone 1: <u>August 31, 2021</u> Substantial Completion: <u>May 26, 2022</u> Ready for Final Payment: <u>August 31, 2022</u> days or dates

RECOMMENDED:		ACCEPTED:		ACCEPTED:	
By: <u></u>	By: _____	By: <u></u>			
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)			
Title: <u>Project Manager</u>	Title _____	Title <u>Project Manager</u>			
Date: <u>Jan 26, 2021</u>	Date _____	Date <u>01/26/2021</u>			