



Department of PUBLIC WORKS

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Commissioners

Dan Decker Mike Sutherland

TO: The Honorable Mayor and the City Council

THRU: Michael Sutherland, Commissioner of Public Property

FROM: Cord Crisler, Water and Wastewater Superintendent

DATE: September

SUBJECT: Wastewater Treatment Plant #1 Change Order D5

DISCUSSION:

This change order covers seven additional items needed for plant improvements. These items include additional walls to enclose the HVAC units, gas line work, additional scum line piping to improve process flexibility, insulation of conduits to prevent air intrusion, addition of a dryer vent, sludge dumping pad and an additional touchscreen to facilitate redundant operational control of the plant.

RECOMMENDATION:

Approve change order D5 for \$75,892.00 to cover the above mentioned 7 items.

RESOLUTION NO. 2324-076

East Peoria, Illinois

_____ , 2023

RESOLUTION BY COMMISSIONER _____

**RESOLUTION ACCEPTING FIFTH CHANGE ORDER FOR
PHASE D OF THE CITY'S SANITARY SEWER SYSTEM UPGRADE PROJECT**

WHEREAS, the City of East Peoria currently operates a combined waterworks and sewerage system, which includes a sanitary sewer system, in accordance with the provisions of Division 139 of Article 11 of the Illinois Municipal Code (65 ILCS 5/11-139-1 *et seq.*); and

WHEREAS, the City has previously awarded a contract to Williams Brothers Construction Inc. (the "Contractor") for the construction of Phase D of the Sanitary Sewer System Upgrade Project; and

WHEREAS, a fifth change order has been requested for the Project regarding numerous revisions to and for Phase D of the Project in the amount of \$75,892.00, as described in "Exhibit A", attached hereto and incorporated herein by reference (the "Change Order"); and

WHEREAS, the Change Order has been reviewed and approved by the City's Project Engineer (Farnsworth), the City's Project consultant, and City Officials as being necessary improvements for the Project; and

WHEREAS, it is in the City's best interests to approve the Change Order for the betterment of the Sanitary Sewer System Upgrade Project;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF EAST PEORIA, TAZEWELL COUNTY, ILLINOIS, THAT:

Section 1. The above recitations are found to be true and correct and are incorporated herein.

Section 2. The Change Order for Phase D of the Sanitary Sewer System Upgrade Project as set forth in Exhibit A in the amount of \$75,892.00 is hereby approved.

Section 3. The Mayor, or his designee, is hereby authorized to submit the proposed Change Order to the IEPA for approval and to execute any documentation necessary for the IEPA submission and review process.

Section 4. After receiving IEPA approval for the Change Order, the Mayor or his designee is authorized to execute any additional documentation required for effectuating the Change Order; provided, however, that the City shall have no obligation to the Contractor under this Resolution until such time as an executed Change Order has been delivered to the Contractor and IEPA approval has been obtained.

APPROVED:

Mayor

ATTEST:

City Clerk

Date: August 21, 2023

Owner: City of East Peoria
 Contractor: Williams Brothers Construction, Inc.
 Engineer: Farnsworth Group, Inc.
 Project: City of East Peoria, WWTP #1 Improvements - Phase D

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

Description: See Attachment #1 – List of Change Order Items and Justifications

Attachments: See Attached RFP D032 through D038

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: 22,650,000.00	Original Contract Times: Calendar Days Substantial Completion: <u>730</u> Ready for Final Payment: <u>820</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>4</u> : \$ <u>445,328.00</u>	[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>4</u> : Substantial Completion: <u>70</u> Ready for Final Payment: <u>70</u>
Contract Price prior to this Change Order: \$ <u>23,095,328.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>800 5/17/2023</u> Ready for Final Payment: <u>890 8/15/2023</u> days or dates
[Increase] [Decrease] of this Change Order: \$ <u>75,892.00</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>80 days</u> Ready for Final Payment: <u>80 days</u>
Contract Price incorporating this Change Order: \$ <u>23,171,220.00</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>880 8/05/2023</u> Ready for Final Payment: <u>970 11/03/2023</u> days or dates

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By: _____	By: _____	By: _____
Engineer	Owner (Authorized)	Contractor (Authorized Signature)
Title: <u>Engineering Manager</u>	Title: _____	Title: <u>PROJECT MANAGER</u>
Date: <u>08/22/2023</u>	Date: _____	Date: <u>08/23/23</u>

ATTACHMENT #1

Change Order Items and Justification

RFP D032

1. Additional materials and labor to install a wall and enclose the HVAC units. This will make for a more completely finished first floor in the Admin Building (Structure 4).

RFP D033

1. Addition of the gas line to Building 4. This will allow for a more accessible ramp into the front entrance and an accessible gas service shutoff valve to the building.

RFP D034

1. Addition of some piping to allow the scum to be sent to multiple locations. The piping changes give the operators operational flexibility in their scum routing.

RFP D035

1. Addition of spray in foam to fix existing conduit penetrations and enclosures in Building 4. This should save some winter heating and summer cooling costs and allow the HVAC equipment to be able to keep the laboratory at the set temperature.

RFP D036

1. Addition of a dryer vent to Structure 4. This will provide for use of the facility washer/dryer so the operators can wash work clothes.

RFP D037

1. Addition of a concrete slab and walls to create a sludge dumping pad outside of the Dewatering Building (Structure 18). This sludge dumping pad will allow the City to run the sludge press for longer periods of time than their dump trucks allow.

RFP D038

1. Addition of a touchscreen for WWTP #1 Operational Control. This panelview will allow the operators to access and control the PLC on-site in case of a communications failure with the SCADA server.

RFPs and Change Order Summary for City of East Peoria WWTP Improvements Phase D

8/21/2023

D032	8/21/2023	Structure 4 - Interior Finishes	2/27/2023	\$7,044.00	\$7,044.00	D5
D033	8/21/2023	Structure 4 - Gas Line Modifications	1/18/2023	\$3,561.00	\$3,561.00	D5
D034	8/21/2023	Scum Piping Revisions	1/31/2023	\$7,442.00	\$7,442.00	D5
D035	8/21/2023	Structure 4 - Insulation	11/10/2022	\$3,015.00	\$3,015.00	D5
D036	8/21/2023	Structure 4 - Dryer Vent	5/18/2023	\$1,155.00	\$1,155.00	D5
D037	8/21/2023	Structure 18 - Sludge Dumping Pad	5/16/2023	\$44,217.00	\$44,217.00	D5
D038	8/21/2023	WWTP #1 Panelview	5/16/2023	\$9,458.00	\$9,458.00	D5

		Total Change Order No. D5		\$75,892.00	\$75,892.00	\$75,892.00
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% of Construction

Original Contract	Lump Sum Base Bid	\$22,650,000.00	
	CO D1	\$121,406.00	0.54%
	CO D2	\$57,608.00	0.25%
	CO D3	\$129,265.00	0.57%
	CO D4	\$137,049.00	0.61%
	CO D5	\$75,892.00	0.34%
	Total Change orders	\$521,220.00	2.30%
	Current Contract	\$23,171,220.00	
	Available Loan Contingency	\$679,500.00	3.00%
	Remaining Loan Contingency	\$158,280.00	0.70%