



2021-1228

**Approving a Construction Change Order with BAR Constructors to increase the total contract amount by \$125,009.25 and to add 113 days for the Central Wastewater Treatment Plant Expansion Phase 1 project**



# Central Wastewater Treatment Plant Expansion

- Central Wastewater Treatment Plant (CWWTP) Construction Change Order (CO) 05:
  - Adds cost and time for added Scope of Work and Delays outside of Contractor Control.
  - Provides contingency budgets to operate prior to completion and re-allocates budget from unused contract allowances.

Category Description	Cost	Time
Added Scope of Work	\$132,491.43	30 Days
COVID-19 Related Impacts	\$25,974.22	53 Days
Other Delays	0	30 Days
Bypass Pumping Contingencies	\$128,143.60	0
Credits	(\$161,600.00)	
<b>Total</b>	<b>\$125,009.25</b>	<b>113 Days</b>



# Central Wastewater Treatment Plant Expansion

## CWWTP Change Order 5 Summary

Summary of Change Order Items			
Item No.	Item Description	Change in Cost	Change in Time
1	CP0031 – UV Finger Trough Concrete Modification	\$3,751.65	1 days
2	CP0034 – Piping for Influent Pump Station Piping Pump 6	\$111,644.08	19 days
3	CP0035 – HVAC unit for Turbidity Building	\$3,362.56	2 days
4	CP0037 – Electrical Building Ladder Anchors	\$9,286.04	5 days
5	CP0040 – Conductivity Probe change at UV	\$3,437.68	3 days
6	CP043 – 2”NPW unforeseen utility line break	\$1,009.42	0
	<i>Subtotal – Added Scope of Work</i>	<i>\$132,491.43</i>	<i>30 days</i>



# Central Wastewater Treatment Plant Expansion

## CWWTP Change Order 5 Summary Continued

Summary of Change Order Items (Continued)			
Item No.	Item Description	Change in Cost	Change in Time
7	CP0039 – Clarifier 1 and 2 Bypass Pumping	\$25,974.22	7 days
8	CP048 – COVID-19 Impacts June 2020 – July 2021	0	37 days
9	CP042 – COVID-19 Impacts August 2021 and Sept. 2021	0	9 days
	<i>Subtotal – COVID-19 Related Impacts</i>	<i>\$25,974.22</i>	<i>53 days</i>
10	CP045 – Oncor Electric Delays	0	30 days
	<i>Subtotal – Other Delays</i>	<i>0</i>	<i>30 days</i>



# Central Wastewater Treatment Plant Expansion

## CWWTP Change Order 5 Summary Continued

Summary of Change Order Items (Continued)			
Item No.	Item Description	Change in Cost	Change in Time
11	CP046 – Bypass Pumping for TCEQ Action Plan	\$62,026.99	0
12	CP047 – Bypass Pumping for SH130 Interceptor Flows	\$66,116.61	0
	<i>Subtotal – Bypass Pumping Contingencies</i>	<i>\$128,143.60</i>	<i>0</i>
13	CP049 Oncor Allowance Credit	(\$150,000.00)	0
14	CP050 Extra Work Item – Drilled Pier Credit	(\$11,600.00)	0
	<i>Subtotal - Credits</i>	<i>(\$161,600.00)</i>	<i>0</i>
	<b>CO 5 Total</b>	<b>\$125,009.25</b>	<b>113 days</b>



# Central Wastewater Treatment Plant Expansion

## CWWTP Contract Summary

CWWTP Contract Summary (Including CO 05)			
COST		TIME	
Original Contract Amount	\$ 41,863,737.95	Original Substantial Completion Date	10/12/2021
Approved Contract Modifications (CO 01 – CO 04)	\$ 510,577.29	Approved Time Extension (CO 01 – CO 04)	77
CO 05 Contract Modifications	\$ 125,009.25	CO 05 Contract Modifications	113
Revised Contract Price	\$ 42,499,324.49	Revised Contract Substantial Completion Date	4/20/2022
CO 01 – CO 05 = 1.5% of contract (5%-8% is typical)			



## Recommended Action

**Approve Change Order 05 with BAR  
Constructors in to increase the total  
contract amount by \$125,009.25 and to add  
113 days to the contract for construction of  
the Central Wastewater Treatment Plant  
Expansion Phase 1**