

## SECTION 00630

## CHANGE ORDER (EJCDC C-941)

# Change Order

## No. 9

Date of Issuance: April 27, 2020

Effective Date: \_\_\_\_\_

Project: Peirce Island Wastewater Treatment Facility Upgrade	Owner: City of Portsmouth, NH	Owner's Contract No.: Bid No. 39-16 CWSRF CS-330106-16
Contract: Peirce Island Wastewater Treatment Facility Upgrade		Date of Contract: September 1, 2016
Contractor: Methuen Construction Company, Inc.		Engineer's Project No.: 60323328

**The Contract Documents are modified as follows upon execution of this Change Order:**

## Description:

1. Modify ductwork layout in the BAF Micro-C Room.

Cost: \$3,642.74

2. Add heat trace to Gravity Thickener No. 2 scum discharge piping.

Cost \$374.47

3. Add relays to the Grit pump seal water solenoid valves.

Cost: \$4,060.13

4. Repair Gravity Thickener No.1 mechanism.

Cost: \$143,369.74

5. Consolidate conduits between the BAF Micro-C Room and BAF Electrical Room.

Cost: (\$10,636.47)

6. Add connecting wiring between dewatered sludge dumpster level transmitters.

Cost: \$5,863.04

7. Add electrical disconnects for the hoists in the BAF Building.

Cost: \$4,495.51

8. Add additional pipe support under 48" backwash piping.

Cost \$18,665.39

9. Add temperature transmitter to corridor between Solids Building and BAF Building.

Cost: \$4,972.66

10. Add a fire alarm pull station in the Grit Building and three smoke detectors in the Solids Building.

Cost: \$7,734.75

11. Add temporary standby sodium hypochlorite metering pump prior to the BAF going online.

Cost: \$19,436.63

12. Add miscellaneous valves to plant water and potassium permanganate systems.

Cost \$3,578.12

- 
13. Remotely mount the flow meter transmitter and pot the flow meter connections in the Primary Clarifier Effluent Flow Meter Vault.  
Cost: \$2,091.58
- 
14. Add caulking at the concrete coping cap joints at the BAF Building.  
Cost: \$5,451.00
- 
15. Modify final grades outside the Grit Building.  
Cost: \$2,908.16
- 
16. Add surface coating to east and south faces of Chlorine Contact Tanks.  
Cost: \$10,557.39
- 
17. Demolish and reconstruct masonry walls in the Operations/Lab Building.  
Cost: \$65,123.65
- 
18. Modify the type of light fixtures in the corridor between the Solids Building and BAF Building.  
Cost: \$5,052.73
- 
19. Excavate and test additional soil outside the Operations/Lab Building for PCBs.  
Cost: \$9,427.79
- 
20. Add shields over electrical boxes below vents at BAF Building.  
Cost: \$1,070.09
- 
21. Add heat trace to primary sludge discharge piping at Solids Building.  
Cost: \$10,721.63
- 
22. Modify lighting panel to add ground fault protection circuits for heat trace in Solids Building.  
Cost: \$1,100.16
- 
23. Add local control panels for motor operated odor control ductwork dampers in the Solids Building.  
Cost: \$7,221.38
- 
24. Change wedge anchors to through bolts for slab support angles at the Operations/Lab Building.  
Cost: \$9,514.80
- 
25. Add concrete infill wall at the Operations/Lab Building.  
Cost: \$6,588.49
- 
26. Revise the topping slab at the Operations/Lab Building to lightweight concrete.  
Cost: \$2,269.76
- 
27. Add heat trace to the 12" Gravity Thickener Overflow piping.  
Cost: \$7,757.34
- 
28. Relocate the primary effluent sample tap.  
Cost: \$1,171.45
- 
29. Purchase replacement primary clarifier clevis rods.  
Cost: \$11,408.23
- 
30. Add sample taps to the BAF backwash piping.  
Cost: \$2,102.99
- 
31. Add flush connections to the BAF sample sink.  
Cost: \$1,880.15
- 
32. Change connecting hardware in Gravity Thickener No. 2.  
Cost: \$1,577.15
- 
33. Add additional deciduous trees to landscaping plan.  
Cost: \$2,513.48
- 
34. Add additional Virginia Creeper vines to planting beds on the south side of the BAF Building.  
Cost: \$4,353.57
- 
35. Revise allowance for Bid Item 6 – Charges by Bayring for telephone service  
Cost: (\$50,000.00)
- 
36. Revise allowance for Bid Item 8 – Charges by Fairpoint for telephone service  
Cost: (\$10,000.00)
-



**CHANGE IN CONTRACT PRICE:**

Original Contract Price:  
\$72,785,545.00

Increase from previously approved Change Orders No. 01 to No. 08:  
\$1,994,377.71

Contract Price prior to this Change Order:  
\$74,779,922.71

Increase of this Change Order:  
\$242,419.68

**CHANGE IN CONTRACT TIMES:**

Original Contract  Working  Calendar days  
Substantial completion (days or date): 1,368  
Ready for final payment (days or date): 1,459

[Increase] [Decrease] from previously approved Change Orders No. 01 to No. 08:  
Substantial completion (days): 30  
Ready for final payment (days): 30

Contract Times prior to this Change Order:  
Substantial completion (days or date): 1,398  
Ready for final payment (days or date): 1,489

[Increase] [Decrease] of this Change Order:  
Substantial completion (days or date): 0  
Ready for final payment (days or date): 0


**CHANGE IN CONTRACT PRICE (cont.):**

Contract Price incorporating this Change Order:  
\$75,022,342.39

**CHANGE IN CONTRACT TIMES (cont.):**


Contract Times with all approved Change Orders:  
Substantial completion (days or date): 1,398  
Ready for final payment (days or date): 1,489

**RECOMMENDED:**

By:   
Engineer (Authorized Signature)

Date: May 13, 2020

**ACCEPTED:**

By:   
Owner: Karen S. Conard  
City Manager

Date: 5/22/2020

**ACCEPTED:**

By:   
Contractor (Authorized Signature)

Date: 5/13/2020

Approved by Funding Agency:  
  
NHDES, CWSRF

Date: 5/28/2020

By: Judith Belanger  
Owner (Finance)  
Andrew Purgiel

Date: \_\_\_\_\_

By: Brian Goetz 05-18-20  
Brian Goetz  
Deputy Director of Public Works

Date: \_\_\_\_\_