SECTION 00630

CHANGE ORDER (EJCDC C-941)

Change Order

No. 9

		110.)				
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 Wastewate	Date of Contract: September 1, 2016					
Contractor: Methuen Construction	Engineer's Project No.: 60323328					
The Contract Documents are mo	odified as follows upon execution	n 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 sea Cost: \$4,060.13	l water solenoid valves.					
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 Cost: \$7,734.75	the Grit Building and three smok	e detectors in the Solids Building.				
11. Add temporary standby sodium Cost: \$19,436.63	n hypochlorite metering pump price	or to the BAF going online.				
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)

37. Revise allowance for Bid Item 17 – Asbestos Testing, Removal, and Disposal Cost (\$75,000.00)				
Attachments (list documents supporting change):				
1. PCO 094 HVAC Ductwork @ BAF Micro-C Room Modifications (RFI 193) from Methuen Construction				
2. PCO 121 GT#2 Scum Piping Modifications (CMR 159) from Methuen Construction				
3. PCO 167 Grit Pump Seal Water Solenoid Valve Relays (RFI 354) from Methuen Construction				
4. PCO 171 Gravity Thickener 1 (CMR 215) from Methuen Construction				
5. PCO 176 BAF Micro-C Conduit Consolidation (RFI 364) from Methuen Construction				
6. PCO 184 LIT Daisychain wiring in Solids Truck Bay (RFI 373) from Methuen Construction				
7. PCO 185 BAF Hoist Disconnects (RFI 356) from Methuen Construction				
8. PCO 187 Added 48" BAF Pipe Support (CMR 241) from Methuen Construction				
9. PCO 188 Solids Building Exit Passageway TIT (CMR 228) from Methuen Construction10. PCO 190 Added Fire Alarm Devices (RFI 209, 392) from Methuen Construction				
11. PCO 191 Hypo Pacing at Temp Chemical Building (RFI 401) from Methuen Construction				
12. PCO 193 Minor Mechanical Added Work (CMR 209, 220, 239) from Methuen Construction				
13. PCO 194 Flow Meter Potting (CMR 233) from Methuen Construction				
14. PCO 197 Added Sealant at BAF Coping Caps (CMR 230) from Methuen Construction				
15. PCO 198 Grades at Grit Building (CMR 226) from Methuen Construction				
16. PCO 201 CCT Concrete Coatings (CMR 222) from Methuen Construction				
17. PCO 202 Cost Proposal for CMR 244 from Methuen Construction				
18. PCO 203 Changing Light Fixtures in Solids/BAF Corridor (CMR 235) from Methuen Construction				
19. PCO 208 Additional Soil Asphalt at Operations/Lab Building from Methuen Construction				
20. PCO 210 BAF Mudwell Vent Shields (CMR 249) from Methuen Construction				
21. PCO 213 Added Heat Trace at Solids Building (RFI 397) from Methuen Construction				
22. PCO 214 Added GFPE Breakers (RFI 391) from Methuen Construction				
23. PCO 215 Added LCP for Solids Truck Bay (RFI 360) from Methuen Construction				
24. PCO 217 Through Bolts Ops Building Slab Support Angles (RFI 435, RFI 438) from Methuen Construction				
25. PCO 218 Wall Infill Line 1 Ops Building (RFI 422) from Methuen Construction				
26. PCO 225 Ops Building Topping Slab (CMR 253) from Methuen Construction				
27. PCO 228 12" GTO Heat Trace (RFI 421) from Methuen Construction28. PCO 230 Sample Tap (CMR 247) from Methuen Construction				
29. PCO 234 Purchase & Delivery Replacement Clarifier Clevis Rods (CMR 218) from Methuen Construction				
30. PCO 236 BAF Backwash Sample Taps (CMR 257) from Methuen Construction				
31. PCO 237 BAF Sample Sink Flush Connections (CMR 258) from Methuen Construction				
32. PCO 239 GT2 Hardware Swap (RFI 450) from Methuen Construction				
33. PCO 240 Additional Trees (CMR 245) from Methuen Construction				
34. PCO 243 Planting Beds (CMR 264) from Methuen Construction				

CHANGE IN CONTRACT PRICE:		CHANGE IN CONTRACT TIMES:		
Original Contract Price: \$72,785,545.00		Original Contract		
		Substantial completion (days or date): 1,368 Ready for final payment (days or date): 1,459		
Increase from previously approved Change Orders No. <u>01</u> to No. <u>08</u> :		[Increase] [Decrease] from previously approved Change Orders No. 01 to No. 08:		
<u>\$1,994,377.71</u>		Substantial completion (days): 30		
		Ready for final payment (days): 30		
Contract Price prior to this Change Order: \$74,779,922.71		Contract Times prior to	this Change Order:	
		Substantial completion (days or date): 1,398		
		Ready for final payme	ent (days or date): 1,489	
Increase of this Change Order:		[Increase] [Decrease] of this Change Order:		
\$242,419.68		Substantial completion (days or date): 0 Ready for final payment (days or date): 0		
		Ready for final payme	ent (days or date): 0	
CHANGE IN CONTRACT PRICE ((cont)	CHANCEIN	CONTRACT TIMES (cont.):	
	(OMINION III	contract three (cont.).	
Contract Price incorporating this Change	Order:	Contract Times with all	approved Change Orders:	
\$75,022,342.39		Substantial completion (days or date): 1,398		
			ent (days or date): 1,489	
RECOMMENDED:	ACCEP	PED.	A CCUPTURE	
	ACCEP.	LED:	ACCEPTED:	
By:	By: KSCed		By: Mon	
Engineer (Authorized Signature)	Owner: Karen S. Conard		Contractor (Authorized Signature)	
Date:May 13, 2020	City Manager Date:		Date:6/13 / 2020	
Approved by Funding Agency:	ву: Уш	dith Belanger Mer (Finance) Mer (F	By. Brian Goetz 05-18-20	
D. Cash Mos World	Ani	ney (Finance) urgiel	Brian Goetz Deputy Director of Public Works	
Date: 5/28/2020	Date:		Date:	
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