

SECTION 00630

CHANGE ORDER (EJCDC C-941)

Change Order

No. 6

Date of Issuance: December 4, 2018 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 wiring in several buildings.

Cost: \$29,924.03

2. Modify wiring in the BAF Building.

Cost (\$153,053.39)

3. Reduce CMU elevation in the BAF Building.

Cost: (\$1,198.50)

4. Modify odor control drain piping at the Solids Building Odor Control System.

Cost: \$10,750.87

5. Modify grit pump piping in the Grit Building.

Cost \$10,688.18

6. Add signs per Fire Department at the Generator and Electrical Building. Modify ferric pump controls in the Grit Building. Modify sump pit in the Solids Building.

Cost: \$2,165.35

7. Modify fire alarm system and polymer system in the Solids Building.

Cost: \$40,994.20

8. Modify layout of Ferric Room in the Grit Building.

Cost \$4,225.81

9. Relocate Headworks Level Transmitter in the Headworks Building.

Cost: \$2,345.34

10. Modify yard piping due to changed underground conditions.

Cost: \$28,475.45

11. Relocate Sample Line in the Headworks Building.

Cost: \$6,588.48

12. Provide sump pump in Gravity Thickener No. 2 sump pit.

Cost: \$12,853.12

13. Add painted steel lintels in the BAF Building.

Cost: \$7,782.32

14. Provide removable bar rack support in the Headworks Building.

Cost: \$4,697.41

15. Add mud valve access hatches in the Headworks Building.

Cost: \$4,520.69

16. Add drain connections to Grit and Sludge pipes in several buildings.

Cost: \$21,985.76

17. Paint exposed parapet CMU at the BAF Building.

Cost: \$1,491.55

18. Modify 10" Pressate Piping in the Solids Building.

Cost: \$12,108.82

19. Add Grit Blower discharge valves in the Grit Building.

Cost \$11,222.19

20. Change profiles of 8" and 14" backwash piping due to interference with existing piping.

Cost: \$54,838.73

21. Add heat tracing to chemical lines in the Grit Building.

Cost: \$7,099.90

22. Add sloped fill to chemical containment areas in several buildings.

Cost: \$7,867.57

23. Relocate air flow meters in the Solids Building.

Cost: \$5,019.63

24. Add fire-rated window to door in the Solids Building.

Cost: \$481.95

25. Replace existing 6" PSL piping between the Solids Building and Gravity Thickener No. 1

Cost: \$47,972.57

26. Replace existing 8" Grit Overflow piping in and underneath the Grit Building.

Cost: \$110,183.08

Attachments (list documents supporting change):

1. PCO 045 Electrical Revisions (CMR 079) from Methuen Construction

2. PCO 054 BAF Riser Diagram (CMR 095) from Methuen Construction.

3. PCO 073 BAF Building Top of CMU Wall Elevation (CMR 122) from Methuen Construction.

4. PCO 074 Solids OC Drain (CMR 114) from Methuen Construction

5. PCO 080 Aerated Sludge/Grit Chamber Tanks Existing Thru Wall Pipes (RFI 163) from Methuen Construction.

6. PCO 084 CMR 124 & 130 – RFI 161 from Methuen Construction.

7. PCO 085 Misc. Electrical Changes (CMR 125) from Methuen Construction.

8. PCO 088 Ferric Room Changes (CMR 134) from Methuen Construction.

9. PCO 090 Headworks Level Transmitter Relocation from Methuen Construction.

10. PCO 091 Unforeseen Existing Utility Conflicts (CMR 141) from Methuen Construction.

11. PCO 092 Relocate Sample Line in HW after Start-up (CMR 137) from Methuen Construction.

12. PCO 096 GT#2 Temporary Sump Pump (CMR 126A) from Methuen Construction

13. PCO 098 BAF W2 Windows (CMR 140) from Methuen Construction.

14. PCO 102 Headworks Bar Rack Support (CMR 151) from Methuen Construction.

15. PCO 103 Add Headworks Mud Valve Access Hatch (CMR 138) from Methuen Construction.

16. PCO 104 Add SL Line Drains @ Grit & Solids (CMR 153) from Methuen Construction

17. PCO 105 Paint Exposed Upper Level BAF CMU (CMR 152) from Methuen Construction.

- 18. PCO 108 Solids 10" PR Conflict in Pump Gallery (RFI 250) from Methuen Construction.
- 19. PCO 112 Additional Grit Blower Discharge Valves (CMR 167) from Methuen Construction.
- 20. PCO 114 Reroute 8" & 14" BW under Exist 36" PCE (RFI 264) from Methuen Construction
- 21. PCO 115 Grit Heat Trace (RFI 263) from Methuen Construction
- 22. PCO 118 Solids Caustic / BAF Micro-C Sloped Fill (RFI 259) from Methuen Construction.
- 23. PCO 122 Relocate Solids Sludge Blower Line Flow Elements (CMR 168) from Methuen Construction
- 24. PCO 123 Solids Door 5009B Vision Kit (CMR 166) from Methuen Construction
- 25. PCO 126 6" PSL Line Solids to GT1 (RFI 278) from Methuen Construction
- 26. PCO 127 Grit Overflow Pipe Replacement (CMR 178) T&M from Methuen Construction

CHANGE IN CONTRACT PRICE:

CHANGE IN CONTRACT TIMES:

Original Contract Price:
\$72,785,545.00

Original Contract Working days Calendar days
 Substantial completion (days or date): 0
 Ready for final payment (days or date): 0

Increase from previously approved Change
 Orders No. 01 to No. 05:
\$1,420,548.55

[Increase] [Decrease] from previously approved Change
 Orders
 No. _____ to No. _____:
 Substantial completion (days): 0
 Ready for final payment (days): 0

Contract Price prior to this Change Order:
\$74,206,093.55

Contract Times prior to this Change Order:
 Substantial completion (days or date): 1,430
 Ready for final payment (days or date): 1,521

Increase of this Change Order:
\$292,031.11

[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.):

CHANGE IN CONTRACT TIMES (cont.):

Contract Price incorporating this Change Order:
\$74,498,124.66

Contract Times with all approved Change Orders:
 Substantial completion (days or date): 1,430
 Ready for final payment (days or date): 1,521

RECOMMENDED:

By: [Signature]
Engineer (Authorized Signature)

Date: 12-13-18

Approved by Funding Agency:
[Signature]
NHDES, CWSRF

Date: 1-9-19

ACCEPTED:

By: [Signature]
Owner: John P. Bohenko
City Manager

Date: _____

By: [Signature]
Owner (Finance)

Date: 1-4-19

ACCEPTED:

By: [Signature]
Contractor (Authorized Signature)

Date: 12/13/18

By: [Signature]
Owner: Peter Rice
DPW Director

Date: 1/4/19