

Change Order

No. 1 FINAL

Date of Issuance: _____ Effective Date: _____

Project: Sewer Rehabilitation	Owner: City of Crossville TN	Owner's Contract No.:
Contract: CW1 2015-346	Date of Contract:	March 11, 2016
Contractor: Gulf Coast Underground LLC	Engineer's Project No.:	3671-09

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

Description:

Final Balancing Change Order.

Attachments (list documents supporting change):

See attached Change Order Summary

CHANGE IN CONTRACT PRICE:

CHANGE IN CONTRACT TIMES:

Original Contract Price:

Original Contract Times: Working days Calendar days

\$ 1,105,337.50

Substantial completion (days or date): 120/July 19, 2016
Ready for final payment (days or date): 120/July 19, 2016

[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____:

[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____:

\$ 0.00

Substantial completion (days): 0
Ready for final payment (days): 0

Contract Price prior to this Change Order:

Contract Times prior to this Change Order:

\$ 1,105,337.50

Substantial completion (days or date): 120/July 19, 2016
Ready for final payment (days or date): 120/July 19, 2016

[Increase] [Decrease] of this Change Order:

[Increase] [Decrease] of this Change Order:

\$ 66,011.72

Substantial completion (days or date): 0 days
Ready for final payment (days or date): 0 days

Contract Price incorporating this Change Order

Contract Times with all approved Change Orders:

\$ 1,039,325.78

Substantial completion (days or date): 120/July 19, 2016
Ready for final payment (days or date): 120/July 19, 2016

RECOMMENDED: GRW Engineers

ACCEPTED: Crossville TN

ACCEPTED: Gulf Coast Underground LLC

By: *Barry J. Boyd*
Engineer (Authorized Signature)

By: _____
Owner (Authorized Signature)

By: *Ch. D.*
Contractor (Authorized Signature)

Date: 22 Aug 16

Date: _____

Date: 8-22-16

Approved by Funding Agency (if applicable): _____ Date: _____

Change Order

Instructions

A. GENERAL INFORMATION

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating Change Orders to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed in the Agreement, any effect of a Change Order thereon should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order should be used.

B. COMPLETING THE CHANGE ORDER FORM

Engineer normally initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from Owner, or both.

Once Engineer has completed and signed the form, all copies should be sent to Owner or Contractor for approval, depending on whether the Change Order is a true order to the Contractor or the formalization of a negotiated agreement for a previously performed change. After approval by one contracting party, all copies should be sent to the other party for approval. Engineer should make distribution of executed copies after approval by both parties.

If a change only applies to price or to times, cross out the part of the tabulation that does not apply.

**CHANGE ORDER SUMMARY
CITY OF CROSSVILLE TN
SEWER REHABILITATION
CW1 2015-346
Change Order No. 1
GRW Project No. 3671-09**

Item No.	Description of Changes	DECREASE in Contract Price	INCREASE in Contract Price
1	Bid item #1, Delete 6,600 LF of Smoke testing Sewer Lines @ \$0.50/LF	\$3,300.00	
2	Bid item #2, Add 24,934.70 LF of Cleaning and CCTV Inspection of 8"Sewer Lines @ \$2.50/LF		\$62,336.75
3	Bid item #3, Add 31 LF of Cleaning and CCTV Inspection of 10"Sewer Lines @ \$2.50/LF		\$77.50
4	Bid item #4, Add 1,247 LF of Cleaning and CCTV Inspection of 12"Sewer Lines @ \$3.00/LF		\$3,741.00
5	Bid item #5, Delete 700 LF of Cleaning and CCTV Inspection of 15"Sewer Lines @ \$5.00/LF	\$3,500.00	
6	Bid item #6, Delete 700 LF of Cleaning and CCTV Inspection of 18"Sewer Lines @10.00/LF	\$7,000.00	
7	Bid item #7, Add 6,538.89 LF of Cleaning and CCTV Inspection of 24"Sewer Lines @ \$12.00/LF		\$78,466.68
8	Bid item #8, Add 866.70 LF of Heavy Cleaning, 8" Sewer Line @\$1.00/LF		\$866.70
9	Bid item # 9, Delete 500 LF of Heavy Cleaning, 10" Sewer Line @ \$1.00/LF	\$500.00	
10	Bid item #10, Delete 500 LF of Heavy Cleaning, 12" Sewer Line @ \$2.00/LF	\$1,000.00	
11	Bid item #11, Delete 500 LF of Heavy Cleaning, 15" Sewer Line @\$2.00/LF	\$1,000.00	
12	Bid item #12, Delete 500 LF of Heavy Cleaning, 18" Sewer Line @ \$3.00/LF	\$1,500.00	
13	Bid item #13, Add 4,171.5 LF of Heavy Cleaning, 24" Sewer Line @\$3.00/LF		\$12,514.50
14	Bid item #14, Add 1 EA Point Repair of 8-Inch Line (Up to 10 LF to Replace) @ \$3,000.00/EA		\$3,000.00
15	Bid item #15, Delete 13 LF of Additional 8-inch Line Replacement at Point Repair @ \$81.25/LF	\$1,056.25	
16	Bid item #16, Delete 3 EA Point Repair of 10-Inch Line (Up to 10 LF to Replace) @ \$3,375.00/EA	\$10,125.00	
17	Bid item #17, Delete 2 LF of Additional 10-inch Line Replacement at Point Repair @ \$81.25/LF	\$162.50	
18	Bid item #18, Delete 4 EA Point Repair of 12-Inch Line (Up to 10 LF to Replace) @ \$4,125.00/EA	\$16,500.00	
19	Bid item #19, Delete 25 LF of Additional 12-inch Line Replacement at Point Repair @ \$100.00/EA	\$2,500.00	
20	Bid item #20, Delete 4 EA Point Repair of 15-Inch Line (Up to 10 LF to Replace) @ \$5,000.00/EA	\$20,000.00	

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21	Bid item #21, Delete 25 LF of Additional 15-inch Line Replacement at Point Repair @ \$100.00/LF	\$2,500.00	
22	Bid item #22, Delete 4 EA Point Repair of 18-Inch Line (Up to 10 LF to Replace) @ \$5,625.00/EA	\$22,500.00	
23	Bid item #23, Delete 25 LF of Additional 18-inch Line Replacement at Point Repair @ \$125.00/LF	\$3,125.00	
24	Bid item #24, Delete 3 EA Point Repair of 24-Inch Line (Up to 10 LF to Replace) @\$6,125.00/EA	\$18,375.00	
25	Bid item # 25, Delete 25 LF of Additional 24-inch Line Replacement at Point Repair @ 125.00/LF	\$3,125.00	
26	Bid item #26, Add 258 LF of of 8-inch CIP Pipe Lining @ \$28.00/LF		\$7,224.00
27	Bid item #27, Delete 1,205 LF of 10-inch CIP Pipe Lining @ \$30.00/LF	\$36,150.00	
28	Bid item #38, Delete 1,500 LF of 12-inch CIP Pipe Lining @ \$37.00/LF	\$55,500.00	
29	Bid item #29, Delete 700 LF of 15-inch CIP Pipe Lining @ \$50.00/LF	\$35,000.00	
30	Bid item #30, Delete 700 LF of 18-inch CIP Pipe Lining @ \$65.00/LF	\$45,500.00	
31	Bid item #31, Add 2066 LF of 24-inch CIP Pipe Lining @ \$95.00/LF		\$196,270.00
32	Bid item #32, Delete 9 EA Service Connection in Easement (up to 25 ft.) @ \$1,500.00/EA	\$13,500.00	
33	Bid item #33, Delete 15 EA Service Connection in Roadway (up to 25 ft.) @ \$1,750.00/EA	\$26,250.00	
34	Bid item #34, Delete 400 LF of Additional Service Line not included in Items 32 and 33 @ \$22.50/LF	\$9,000.00	
35	Bid item #35, Add 10 EA Locate/Uncover Existing Manhole @ \$150.00/EA		\$1,500.00
36	Bid item #36, Delete 23 EA Non-entry Manhole inspections @ \$85.00/EA	\$1,955.00	
37	Bid item #37, Delete 13 EA Reset existing Manhole Frame and cover @ \$312.50/EA	\$4,062.50	
38	Bid item #38, Delete 7 EA Replace existing manhole frame and cover @ \$500.00/EA	\$3,500.00	
39	Bid item #39, Delete 5 EA Replace manhole cover @ \$225.00/EA	\$1,125.00	

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Item No.	Description of Changes	DECREASE in Contract Price	INCREASE in Contract Price
40	Bid item #40, Delete 21 EA Replace existing manhole frame and cover with watertight frame and cover @ \$680.00/EA	\$14,280.00	
41	Bid item #41, Delete 23 EA Raise existing manhole frame @ \$312.50/EA	\$7,187.50	
42	Bid item #42, Delete 25 EA Install inflow dish in existing manhole @ \$300.00/EA	\$7,500.00	
43	Bid item #43, Delete 22 EA Manhole Rehabilitation – 0 to 6-Feet Deep @ \$1,000.00/EA	\$22,000.00	
44	Bid item #44, Delete 66.80 VF of Manhole Rehabilitation - Additional Depth Over 6-Feet @ \$130.00/VF	\$8,684.00	
45	Bid item #45, Delete 319 LF of Asphalt Surface Replacement @ \$65.00/LF	\$20,735.00	
46	Bid item #46, Delete 250 LF of Aggregate Surface Replacement @ \$20.00/LF	\$5,000.00	
47	Bid item #47, Delete 100 LF of Concrete Driveway Replacement @ \$100.00/LF	\$10,000.00	
48	Bid item #48, Delete 50 LF of Concrete Curb & Gutter Replacement @ \$55.00/LF	\$2,750.00	
49	Bid item #49, Delete 50 LF of Concrete Sidewalk Replacement @ \$60.00/LF	\$3,000.00	
50	Bid item #50, Delete 5,000 LF of Easement mulching for access to sewer lines/manholes, 20 ft. in width, excluding trees larger than 8" in diameter. Material to be removed down to the ground surface @ \$6.00/LF	\$30,000.00	
51	Bid item #51, Delete 1,000 LF of Bypass pumping for 8" sewer where required for inspection of manholes and pipes @ \$0.10/LF	\$100.00	
52	Bid item #52, Delete 1,000 LF of Bypass pumping for 10" sewer where required for inspection of manholes and lines @ \$0.20/LF	\$200.00	
53	Bid item #53, Delete 1,000 LF of Bypass pumping for 12" sewer where required for inspection of manholes and lines @ \$1.00/LF	\$1,000.00	
54	Bid item #54, Delete 700 LF of Bypass pumping for 15" sewer where required for inspection of manholes and lines @ \$5.00/LF	\$3,500.00	

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Item No.	Description of Changes	DECREASE in Contract Price	INCREASE in Contract Price
55	Bid item #55, Delete 700 LF of Bypass pumping for 18" sewer where required for inspection of manholes and lines @ \$7.00/LF	\$4,900.00	
56	Bid item #56, Add 4,226.39 LF of Bypass pumping for 24" sewer where required for inspection of manholes and lines @ \$10.00/LF		\$42,263.90
57	Bid item #58, Delete 61 EA Replace cleanouts where indicated @ \$350.00/EA	\$21,350.00	
58	New Bid item #59, Add 2 EA of Furnish and Install MH Riser Rings where directed @ \$1,425.00/EA		\$2,850.00
59	New Bid item #60, Add 1 EA Furnish and Install Eccentric Cone where directed @\$1,875.00/EA		\$1,875.00
60	New Bid item#61, Add 1 LS Provide access to 24" segments being lined @\$32,500.00/LS		\$32,500.00
TOTALS		\$511,497.75	\$445,486.03
NET CHANGE IN CONTRACT PRICE		\$66,011.72	

Justification:

Final Balancing Change Order