

MAYOR JIM GRAY



LEXINGTON

CHARLES MARTIN
DIRECTOR
WATER QUALITY

To: Urban County Council
Martha Allen, Council Clerk

From: Courtney Thacher ^{CT}
Administrative Specialist Principal for Remedial Measures Program

Date: October 14, 2016

Re: Change Order 3 – Final Adjusting for Woodhill Trunk Sewer RMP Project

This memorandum is to notify the Urban County Council of Change Order 3 for the Woodhill Trunk Sewer Replacement Remedial Measures Project. Per CAO policy 15R Tier 2 - Change Orders of less than 10% of the contract can be approved by the RMP Program Manager, Director of Water Quality, and the Director of Purchasing. The result of the attached Change Order is an increase to the contract amount by \$171,954.27, bringing the cumulative change of all Change Orders to \$265,878.20 or 8.8%.

Should you have any questions, please contact me at 425-2439.

pc: Vernon Azevedo, P.E., Remedial Measures Program Manager
Charles Martin, P.E., Director of Water Quality
Dowell Hoskins-Squier, P.E., Commissioner
Worth Ellis, P.E., Project Manager
File



Change Order No. 3 - Final

Remedial Measures Plan (RMP)

Division of Water Quality

Lexington-Fayette Urban County Government (LFUCG)

Date of Issuance: July 27, 2016	Effective Date:
Owner: Lexington-Fayette Urban County Government (LFUCG)	Owner's Bid No.: 02-2014
Contractor: Free Contracting, Inc.	Contractor's Project No.: 870
Engineer: HMB Professional Engineers, Inc.	Engineer's Project No.: 4195.00
Project: Woodhill Trunk Sewer Replacement Project (WH 16)	Contract Name:

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

Description:

SEE ATTACHMENT

Attachments: *[List documents supporting change]*

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: <u>\$ 3,018,992.00</u>	Original Contract Times: Substantial Completion: <u>October 1, 2015</u> Ready for Final Payment: <u>October 1, 2015</u> dates
[Increase] [Decrease] from previously approved Change Orders No. <u>1 & 2</u> : <u>\$ 93,923.93</u>	[Increase] [Decrease] from previously approved Change Orders No. <u>1 & 2</u> : Substantial Completion: <u>335 Days</u> Ready for Final Payment: <u>335 Days</u> days
Contract Price prior to this Change Order: <u>\$ 3,112,915.93</u>	Contract Times prior to this Change Order: Substantial Completion: <u>December 23, 2015</u> Ready for Final Payment: <u>August 31, 2016</u> dates
[Increase] of this Change Order: <u>\$ 171,954.27</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>0 days</u> Ready for Final Payment: <u>0 days</u> days
Contract Price incorporating this Change Order: <u>\$ 3,284,870.20</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>August 31, 2016</u> Ready for Final Payment: <u>August 31, 2016</u> dates

RECOMMENDED (Engineer):
By: *Raymond C. Dorman*
Title: Project Engineer
Date: 8/8/16

ACCEPTED (Contractor):
By: *Rhonda Fister*
Title: President
Date: 8.8.16

ACCEPTED (Owner/LFUCG)
By: *Vivian Azumbo*
Title: Remedial Measures Program Manager
Date: 8-17-16

Approved by Funding Agency
(If applicable):
By: _____
Title: _____
Date: _____

**LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT CONTRACT CHANGE ORDER**

Page 1 of 2

To (Contractor): Judy Construction Co.

Date: August 22, 2016

Project: Woodhill Trunk

Location: Richmond Rd and New Circle

Contract No. 35-2015

Original Contract Amt. \$3,018,992.00

Cumulative Amount of Previous Change Orders \$93,923.93

Percent Change - Previous Change Orders

3.11%

Total Contract Amount Prior to this Change Order \$3,112,915.93


Change Order No. 3

You are hereby requested to comply with the following changes from the contract plans and specification;

Current Change Order

Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price
*	See Attached Sheets		
		\$0.00	
	Total decrease	\$0.00	
	Total increase		\$0.00
	Net Amount of this Change Order	\$171,954.27	
	New Contract Amount Including this Change Order	\$3,284,870.20	
	Percent Change - This Change Order		5.23%
	Percent Change - All Change Orders		8.81%

The time provided for the completion in the contract and all provisions of the contract will apply hereto.

Recommended by _____ (Proj. Engr.) Date _____
 Accepted by  (Contractor) Date _____
 Approved by _____ (Director) Date 8-22-16
 Approved by _____ (Commissioner) Date _____
 Approved by _____ (Mayor or CAO) Date _____

JUSTIFICATION FOR CHANGE

PROJECT: Woodhill Trunk

CONTRACT NO. 35-2015

CHANGE ORDER: 3

1. Necessity for change: See Attached.
2. Is proposed change an alternate bid? ___Yes XNo
3. Will proposed change alter the physical size of the project? ___Yes XNo
If "Yes", explain.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? ___Yes XNot Necessary
6. Will this change affect expiration or extent of insurance coverage? ___Yes XNo
If "Yes", will the policies be extended? ___Yes XNo
7. Effect on operation and maintenance costs: N/A
8. Effect on contract completion date: N/A

Mayor_____
Date



Lexington Fayette Urban County Government
Woodhill Trunk Sewer Replacement (WH 16)
Free Contracting

Change Order No. 3
Final Adjusting

Project: 4195.00
Date: 7/23/2016
Engineer: RCB
Page: 1 of 6

ITEM No.	ITEM DESCRIPTION	As Bid		Free Contracting		Total Completed to date		+/-
		QUANTITY	UNIT	UNIT PRICE	TOTAL			
1	Mobilization	1	LS	\$55,000.00	\$55,000.00	1.00	\$55,000.00	\$0.00
2	Bonds and Insurance	1	LS	\$33,000.00	\$33,000.00	1.00	\$33,000.00	\$0.00
3	General Requirements	1	LS	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00
4	Demobilization	1	LS	\$25,000.00	\$25,000.00	1.00	\$25,000.00	\$0.00
5	Erosion and Sediment Control and Conformance with SWPPP	1	LS	\$50,000.00	\$50,000.00	1.00	\$50,000.00	\$0.00
6	8-inch Gravity Sewer Lateral (PVC) (All Depths)	300	LF	\$175.00	\$52,500.00	335.00	\$58,625.00	\$6,125.00
7	8-inch Gravity Sewer Pipe, PVC (SDR 35), 6.1'-10' depth	70	LF	\$225.00	\$15,750.00	100.00	\$22,500.00	\$6,750.00
8	10-inch Gravity Sewer Pipe, PVC (SDR 35), 6.1'-10' depth	10	LF	\$199.00	\$1,990.00	26.00	\$5,174.00	\$3,184.00
9	12-inch Gravity Sewer Pipe (DIP, RCP, PVC) 10.1'-14' depth	15	LF	\$300.00	\$4,500.00	140.00	\$42,000.00	\$37,500.00
10	18-inch Gravity Sewer Pipe (DIP, FRP, RCP, PVC) 6.1'-10' depth	10	LF	\$350.00	\$3,500.00	22.00	\$7,700.00	\$4,200.00
11	18-inch Gravity Sewer Pipe (DIP, FRP, RCP, PVC) 10.1'-14' depth	60	LF	\$400.00	\$24,000.00	42.00	\$16,800.00	(\$7,200.00)
12	18-inch Gravity Sewer Pipe (DIP, FRP, RCP, PVC) Greater than 14' depth	135	LF	\$500.00	\$67,500.00	135.00	\$67,500.00	\$0.00
13	21-inch Gravity Sewer Pipe (Uni-Flange Series 1300-P Restraint) (All Depths)	245	LF	\$140.00	\$34,300.00	245.00	\$34,300.00	\$0.00
14	21-inch (RCP, PVC) or 20-inch (DIP, FRP) Gravity Sewer Pipe, 0-8' depth	20	LF	\$250.00	\$5,000.00	20.00	\$5,000.00	\$0.00
15	21-inch (RCP, PVC) or 20-inch (DIP, FRP) Gravity Sewer Pipe, 6.1'-10' depth	350	LF	\$265.00	\$92,750.00	438.00	\$124,830.00	\$25,080.00
16	21-inch (RCP, PVC) or 20-inch (DIP, FRP) Gravity Sewer Pipe, 10.1'-14' depth	225	LF	\$350.00	\$78,750.00	66.00	\$30,100.00	(\$48,650.00)
17	24-inch Gravity Sewer Pipe (DIP), installed outside of Richmond Road Pavement, 6.1'-10' depth	100	LF	\$280.00	\$28,000.00	100.00	\$28,000.00	\$0.00
18	24-inch Gravity Sewer Pipe (DIP), installed outside of Richmond Road Pavement, 10.1'-14' depth	35	LF	\$300.00	\$10,500.00	46.00	\$13,800.00	\$3,300.00
19	24-inch Gravity Sewer Pipe (DIP), installed in Richmond Road Pavement, 6.1'-10' depth	490	LF	\$280.00	\$137,200.00	484.00	\$135,520.00	(\$1,680.00)
20	24-inch Gravity Sewer Pipe (DIP), installed in Richmond Road Pavement, 10.1'-14' depth	90	LF	\$300.00	\$27,000.00	90.00	\$27,000.00	\$0.00
21	27-inch Gravity Sewer Pipe (FRP, RCP, PVC), 6.1'-10' depth	985	LF	\$300.00	\$295,500.00	965.00	\$289,500.00	(\$6,000.00)
22	27-inch Gravity Sewer Pipe (Uni-Flange Series 1300-P Restraint) (All Depths)	240	LF	\$150.00	\$36,000.00	240.00	\$36,000.00	\$0.00
23	30-inch Gravity Sewer Pipe (DIP, FRP, RCP, PVC), 6.1'-10' depth	265	LF	\$300.00	\$79,500.00	295.00	\$88,500.00	\$9,000.00
24	30-inch Gravity Sewer Pipe (DIP, FRP, RCP, PVC), 10.1'-14' depth	610	LF	\$310.00	\$189,100.00	810.00	\$251,100.00	\$62,000.00
25	30-inch Gravity Sewer Pipe (DIP, FRP, RCP, PVC), Greater than 14' depth	290	LF	\$400.00	\$116,000.00	290.00	\$116,000.00	\$0.00
26	36-inch Steel Encasement Pipe, Bore and Jack	230	LF	\$700.00	\$161,000.00	230.00	\$161,000.00	\$0.00
27	42-inch Steel Encasement Pipe, Bore and Jack	230	LF	\$850.00	\$195,500.00	230.00	\$195,500.00	\$0.00
28	Connect existing 4-inch sewer to manhole	2	EA	\$400.00	\$800.00	6.00	\$3,200.00	\$2,400.00
29	Connect existing 6-inch sewer to manhole	2	EA	\$600.00	\$1,200.00	1.00	\$600.00	(\$600.00)
30	Connect existing 8-inch sewer to manhole	3	EA	\$800.00	\$2,400.00	4.00	\$3,200.00	\$800.00
31	Connect existing 10-inch sewer to manhole	1	EA	\$1,000.00	\$1,000.00	2.00	\$2,000.00	\$1,000.00
32	Connect existing 12-inch sewer to manhole	2	EA	\$1,200.00	\$2,400.00	2.00	\$2,400.00	\$0.00
33	Connect existing 15-inch sewer to manhole	1	EA	\$1,500.00	\$1,500.00	0.00	\$0.00	(\$1,500.00)
34	Connect existing 18-inch sewer to manhole	1	EA	\$1,800.00	\$1,800.00	1.00	\$1,800.00	\$0.00
35	Connect existing 24-inch DI sewer to manhole	3	EA	\$2,400.00	\$7,200.00	3.00	\$7,200.00	\$0.00
36	Install 8-inch Cleanout	1	EA	\$500.00	\$500.00	5.00	\$2,500.00	\$2,000.00



Lexington Fayette Urban County Government
Woodhill Trunk Sewer Replacement (WH 16)

Change Order No. 3
Final Adjusting

Project: 4195.00
Date: 7/22/2016
Engineer: RCB
Page: 2 of 6

ITEM No.	ITEM DESCRIPTION	As Bid		Free Contracting		Total Completed to date		+/-
		QUANTITY	UNIT	UNIT PRICE	TOTAL			
37	Partially demolish and fill manhole (in Pavement)	16	EA	\$500.00	\$8,000.00	12.00	\$6,000.00	(\$2,000.00)
38	Partially demolish and fill manhole (outside Pavement)	12	EA	\$500.00	\$6,000.00	12.00	\$6,000.00	\$0.00
39	Shallow Manhole, 4-foot diameter (depth < 5.0 ft.)	1	EA	\$4,000.00	\$4,000.00	3.00	\$12,000.00	\$8,000.00
40	Standard Manhole, 4-foot diameter (depth 5.1 to 6.0 ft.)	6	EA	\$4,500.00	\$27,000.00	5.00	\$22,500.00	(\$13,500.00)
41	Standard Manhole, 5-foot diameter (depth to 6.0 ft.)	11	EA	\$5,500.00	\$60,500.00	13.00	\$71,500.00	\$11,000.00
42	Standard Manhole, 6-foot diameter (depth to 6.0 ft.)	2	EA	\$6,000.00	\$12,000.00	2.00	\$12,000.00	\$0.00
43	Standard Manhole, 8-foot diameter (depth to 6.0 ft.)	1	EA	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00
44	Replace Exst. Shallow Manhole 4ft. Diameter (depth < 5.0 ft.) (Open Cut Line)	1	EA	\$5,000.00	\$5,000.00	2.00	\$10,000.00	\$5,000.00
45	Replace Exst. Manhole, 4 ft. diameter (depth 5.1 to 6.0 ft.) (Open Cut Line)	2	EA	\$6,000.00	\$12,000.00	5.00	\$30,000.00	\$18,000.00
46	Replace Exst. Manhole, 6 ft. diameter (Depth to 6.0 ft.) (Open Cut Line)	2	EA	\$7,000.00	\$14,000.00	1.00	\$7,000.00	(\$7,000.00)
47	Manhole Barrel Extensions, 4 ft. diameter	44	VF	\$225.00	\$9,900.00	17.32	\$3,897.00	(\$6,003.00)
48	Manhole Barrel Extensions, 5 ft. diameter	56	VF	\$375.00	\$21,750.00	55.62	\$21,232.50	(\$517.50)
49	Manhole Barrel Extensions, 6 ft. diameter	17	VF	\$500.00	\$8,500.00	16.70	\$8,350.00	(\$150.00)
50	Manhole Barrel Extensions, 8 ft. diameter	4	VF	\$600.00	\$2,400.00	4.81	\$2,886.00	\$486.00
51	Manhole Exterior Drop Connection (8"-10")	4	EA	\$1,500.00	\$6,000.00	5.00	\$7,500.00	\$1,500.00
52	Manhole Exterior Drop Connection (12"-21")	1	EA	\$2,800.00	\$2,800.00	1.00	\$2,800.00	\$0.00
53	Manhole Diaphragm, Manhole Anti-Flotation Collar, & Water-tight Cover	3	EA	\$750.00	\$2,250.00	5.00	\$3,750.00	\$1,500.00
54	Cut and Cap existing 8-inch sewer	3	EA	\$100.00	\$300.00	7.00	\$700.00	\$400.00
55	Cut and Cap existing 10-inch sewer	1	EA	\$130.00	\$130.00	1.00	\$130.00	\$0.00
56	Cut and Cap existing 12-inch sewer	1	EA	\$170.00	\$170.00	6.00	\$1,020.00	\$850.00
57	Cut and Cap existing 15-inch sewer	1	EA	\$250.00	\$250.00	11.00	\$2,750.00	\$2,500.00
58	Cut and Cap existing 18-inch sewer	1	EA	\$350.00	\$350.00	1.00	\$350.00	\$0.00
59	Cut and Cap existing 24-inch sewer	1	EA	\$750.00	\$750.00	1.00	\$750.00	\$0.00
60	Cap new 24-inch sewer	2	EA	\$700.00	\$1,400.00	2.00	\$1,400.00	\$0.00
61	Cap new 27-inch sewer	2	EA	\$800.00	\$1,600.00	2.00	\$1,600.00	\$0.00
62	Video Inspection of new sewer pipe	5122	LF	\$2.00	\$10,244.00	5,122.00	\$10,244.00	\$0.00
63	Tree Removal, > 12-inch diameter	2	EA	\$1,500.00	\$3,000.00	2.00	\$3,000.00	\$0.00
64	Bituminous Pavement Surface Replacement (with Concrete or Bituminous Base)	1280	SY	\$45.00	\$57,600.00	1,726.00	\$77,870.00	\$20,270.00
65	Dense Graded Aggregate (DGA) Replacement (8" depth)	10	SY	\$9.00	\$90.00	0.00	\$0.00	(\$90.00)
66	Roadway and Parking Lot Striping	2300	LF	\$3.00	\$6,900.00	2,300.00	\$6,900.00	\$0.00
67	Roadway Stop Bar	42	LF	\$10.00	\$420.00	26.00	\$260.00	(\$160.00)
68	Roadway Directional Arrow	4	EA	\$125.00	\$500.00	1.00	\$125.00	(\$375.00)
69	Cross Walk Striping	10	LF	\$10.00	\$100.00	0.00	\$0.00	(\$100.00)
70	Bicycle Lane Symbol	2	EA	\$125.00	\$250.00	1.00	\$125.00	(\$125.00)
71	Seeding, Temporary, as directed by Engineer	7050	SY	\$0.50	\$3,525.00	3,500.00	\$1,750.00	(\$1,775.00)
72	Seeding, Permanent	7050	SY	\$1.10	\$7,755.00	16,547.00	\$18,201.70	\$10,446.70
73	Concrete Curb Replacement	120	LF	\$55.00	\$6,600.00	662.00	\$36,410.00	\$29,810.00
74	Concrete Sidewalk Replacement	8	SY	\$50.00	\$400.00	13.20	\$660.00	\$260.00
75	Concrete Handicap Ramp Replacement	2	EA	\$400.00	\$800.00	5.00	\$2,000.00	\$1,200.00
76	Dense Graded Aggregate - DGA, Extra as directed by Engineer	10	TON	\$27.00	\$270.00	0.00	\$0.00	(\$270.00)
77	No. 9 Crushed Stone, Extra as directed by Engineer	10	TON	\$20.00	\$200.00	0.00	\$0.00	(\$200.00)
78	No. 57 Crushed Stone, Extra as directed by Engineer	10	TON	\$20.00	\$200.00	237.35	\$4,747.00	\$4,547.00
79	No. 2 Crushed Stone, Extra as directed by Engineer	10	TON	\$20.00	\$200.00	0.00	\$0.00	(\$200.00)
80	Flowable (Controlled Density) Fill (Richmond Road)	1000	CY	\$100.00	\$100,000.00	525.50	\$52,550.00	(\$47,450.00)



Lexington Fayette Urban County Government
Woodhill Trunk Sewer Replacement (WH 16)

Change Order No. 3
Final Adjusting

Project: 4195.00
Date: 7/22/2016
Engineer: RCB
Page: 3 of 6

ITEM No.	ITEM DESCRIPTION	As Bid		Free Contracting		Total Completed to date		-	
		QUANTITY	UNIT	UNIT PRICE	TOTAL				
81	Milling and Resurfacing (Richmond Road)	1	LS	\$44,000.00	\$44,000.00	1.00	\$44,000.00	\$0.00	
82	Temporary Pavement (Richmond Road)	180	TON	\$105.00	\$18,900.00	286.00	\$27,930.00	\$11,130.00	
83	Bypass Pumping Setup, < 12-inch Sewer Line	8	EA	\$500.00	\$3,000.00	7.00	\$3,500.00	\$500.00	
84	Bypass Pumping Setup, ≥ 12-inch to < 15-inch Sewer Line	4	EA	\$800.00	\$2,400.00	8.00	\$3,600.00	\$1,200.00	
85	Bypass Pumping Setup, ≥ 15-inch to < 18-inch Sewer Line	3	EA	\$700.00	\$2,100.00	1.00	\$700.00	(\$1,400.00)	
86	Bypass Pumping Setup, ≥ 18-inch to < 24-inch Sewer Line	2	EA	\$800.00	\$1,600.00	2.00	\$1,600.00	\$0.00	
87	Bypass Pumping Setup, ≥ 24-inch to 36-inch Sewer Line	2	EA	\$1,000.00	\$2,000.00	2.00	\$2,000.00	\$0.00	
88	Bypass Pumping, < 12-inch Sewer Line	200	HR	\$0.01	\$2.00	0.00	\$0.00	(\$2.00)	
89	Bypass Pumping, ≥ 12-inch to < 15-inch Sewer Line	300	HR	\$0.01	\$3.00	0.00	\$0.00	(\$3.00)	
90	Bypass Pumping, ≥ 15-inch to < 18-inch Sewer Line	600	HR	\$0.01	\$6.00	0.00	\$0.00	(\$6.00)	
91	Bypass Pumping, ≥ 18-inch to < 24-inch Sewer Line	500	HR	\$0.01	\$5.00	0.00	\$0.00	(\$5.00)	
92	Bypass Pumping, ≥ 24-inch to 36-inch Sewer Line	250	HR	\$0.01	\$2.50	0.00	\$0.00	(\$2.50)	
93	Box Culvert and Fill with Non-Shrink Grout (See Plan Sheet 4)	1	LS	\$500.00	\$500.00	1.00	\$500.00	\$0.00	
94	Existing Fence Removal and Replacement on KY American Water Company Property	530	LF	\$46.00	\$24,380.00	1,327.00	\$61,042.00	\$36,662.00	
95	Maintenance of Traffic	1	LS	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00	
96	Jet/Hydro Excavator, extra as directed by Engineer	10	HR	\$250.00	\$2,500.00	0.00	\$0.00	(\$2,500.00)	
97	Backhoe/Extend-a-hoe, extra as directed by Engineer	10	HR	\$70.00	\$700.00	0.00	\$0.00	(\$700.00)	
98	Hoe Ram, extra as directed by Engineer	10	HR	\$70.00	\$700.00	0.00	\$0.00	(\$700.00)	
99	Dump Truck, Single Axle, extra as directed by Engineer	10	HR	\$80.00	\$800.00	0.00	\$0.00	(\$800.00)	
100	Dump Truck, Tandem or Tri-Axle, extra as directed by Engineer	10	HR	\$70.00	\$700.00	0.00	\$0.00	(\$700.00)	
101	Large Track Hoe, CAT 311 or Equivalent, extra as directed by Engineer	10	HR	\$80.00	\$800.00	0.00	\$0.00	(\$800.00)	
102	Equivalent, extra as directed by Engineer	10	HR	\$70.00	\$700.00	0.00	\$0.00	(\$700.00)	
103	Skid-Steer Loader, extra as directed by Engineer	10	HR	\$70.00	\$700.00	0.00	\$0.00	(\$700.00)	
104	Roller/Compactor, extra as directed by Engineer	10	HR	\$70.00	\$700.00	0.00	\$0.00	(\$700.00)	
105	Traffic Maintenance Type-1 (Flagger), extra as directed by Engineer	10	HR	\$50.00	\$500.00	0.00	\$0.00	(\$500.00)	
106	Electronic Arrow Board, extra as directed by Engineer	10	HR	\$10.00	\$100.00	40.00	\$400.00	\$300.00	
107	Electronic Message Board, extra as directed by Engineer	10	WK	\$10.00	\$100.00	0.00	\$0.00	(\$100.00)	
Schedule A (Items 1 thru 107)									
B2.1	15-inch (RCP, PVC) or 14-inch (DIP, FRP) Gravity Sewer Pipe, 10.1'-14' depth	535	LF	\$530.00	\$283,550.00	535.00	\$283,550.00	\$0.00	
B2.2	15-inch (RCP, PVC) or 14-inch (DIP, FRP) Gravity Sewer Pipe, greater than 14' depth	180	LF	\$800.00	\$108,000.00	228.00	\$135,600.00	\$27,600.00	
B2.3	Connect Existing 6-inch Sewer to Manhole	3	EA	\$2,000.00	\$6,000.00	3.00	\$6,000.00	\$0.00	
B2.4	Connect Existing 8-inch Sewer to Manhole	6	EA	\$2,500.00	\$15,000.00	5.00	\$12,500.00	(\$2,500.00)	
B2.5	Connect Existing 12-inch Sewer to Manhole	1	EA	\$3,000.00	\$3,000.00	1.00	\$3,000.00	\$0.00	
B2.6	Replace Exist. Manhole, 4-foot Diameter (Depth to 6.0 ft.) (Open Cut)	4	EA	\$7,500.00	\$30,000.00	6.00	\$45,000.00	\$15,000.00	
B2.7	Replace Exist. Manhole, 4-foot Diameter with 5-foot Diameter Interior Drop Manhole (Depth to 14.0 ft.) (Open Cut)	3	EA	\$8,000.00	\$24,000.00	2.00	\$16,000.00	(\$8,000.00)	
B2.8	Manhole Barrel Extensions, 4 ft. Diameter	21	VF	\$225.00	\$4,725.00	49.43	\$11,121.75	\$5,396.75	
B2.9	Cleanout, on 4" or 6" Service Lateral (In Pavement)	5	EA	\$500.00	\$2,500.00	5.00	\$2,500.00	\$0.00	
B2.10	Reconnect Exist. Service Lateral	2	EA	\$500.00	\$1,000.00	2.00	\$1,000.00	\$0.00	
B2.11	Video inspection of new sewer pipe	715	LF	\$2.50	\$1,787.50	715.00	\$1,787.50	\$0.00	



Lexington Fayette Urban County Government
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As Bid				Free Contracting				Total Completed to date		±/
B2.12	Bituminous Pavement Surface Replacement	2850	SY	\$8.18	\$23,258.00			3,214.00	\$26,226.24	\$2,970.24
B2.13	Maintenance of Traffic	1	LS	\$5,000.00	\$5,000.00			1.00	\$5,000.00	\$0.00
B2.14	Roadway and Parking Lot Striping	100	LF	\$5.00	\$500.00			0.00	\$0.00	(\$500.00)
B2.15	Concrete Curb Replacement	50	LF	\$55.00	\$2,750.00			390.00	\$21,450.00	\$18,700.00
B2.16	Concrete Sidewalk Replacement 36" Equiv. Elliptical RCP Storm Sewer	90	SY	\$45.00	\$4,050.00			130.30	\$5,883.50	\$1,813.50
B2.17	Remove and Replace 4'x4' Catch Basin, 0-8' depth	150	LF	\$100.00	\$15,000.00			150.00	\$15,000.00	\$0.00
B2.18	Remove and Replace 4' Diameter Storm Water MH, 0-8' depth	1	EA	\$4,000.00	\$4,000.00			0.00	\$0.00	(\$4,000.00)
B2.19	Brick Pillar Replacement at Ashford Place	1	EA	\$4,000.00	\$4,000.00			1.00	\$4,000.00	\$0.00
B2.20	Landscaping Restoration	1	LS	\$2,500.00	\$2,500.00			0.00	\$0.00	(\$500.00)
B2.21	Landscaping Restoration	1	LS	\$2,500.00	\$2,500.00			1.00	\$2,500.00	\$0.00
Schedule B2, STA. 10+38 to STA. 17+71 (Open Cut)										
C1	Rock Removal by Mechanical or Blasting Methods	3100	CY	\$0.01	\$31.00			308.00	\$3.08	(\$27.92)
Schedule C, Rock Removal										
D1	Rob Prop. LLC, 851 Perimeter Drive	1	LS	\$8,500.00	\$8,500.00			1.00	\$8,500.00	\$0.00
Schedule D, Special Restoration										
				\$6,531.00				\$8,503.08		(\$27.92)

Original Project Total

\$3,018,992.00

\$3,176,981.27

\$157,989.27



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		As Bkd		Free Contracting			Total Completed to date		±/-
CHANGE ORDER NO. 1									
CO1-1A	21" Gravity Sewer Pipe (All depths)	245	LF	\$125.00	\$30,625.00		286.00	\$33,250.00	\$2,625.00
CO1-1B	27" Gravity Sewer Pipe (All depths)	240	LF	\$135.00	\$32,400.00		240.00	\$32,400.00	\$0.00
CO1-1C	30" Steel Casing (Bore and Jack)	230	LF	\$630.00	\$144,900.00		248.00	\$156,240.00	\$11,340.00
CO1-1D	36" Steel Casing (Bore and Jack)	230	LF	\$757.20	\$174,156.00		230.00	\$174,156.00	\$0.00
CO1-1E	21" Gravity Sewer Pipe (Unflange Series 1300)	-245	LF	\$140.00	(\$34,300.00)		-245.00	(\$34,300.00)	\$0.00
CO1-1F	27" Gravity Sewer Pipe (Unflange Series 1300)	-240	LF	\$150.00	(\$36,000.00)		-240.00	(\$36,000.00)	\$0.00
CO1-1G	36" Steel Encasement Pipe, Bore & Jack	-230	LF	\$700.00	(\$161,000.00)		-230.00	(\$181,000.00)	\$0.00
CO1-1H	42" Steel Encasement Pipe, Bore & Jack	-230	LF	\$650.00	(\$150,500.00)		-230.00	(\$195,500.00)	\$0.00
CO1-4A	Hammering vs. Trenching Rock	308	CY	\$60.00	\$18,480.00		308.00	\$18,480.00	\$0.00
CO1-4B	Remove and Replace Netting	400	SY	\$6.75	\$2,700.00		400.00	\$2,700.00	\$0.00
CO1-4C	Remove and Replace Headwall	1	EA	\$575.00	\$575.00		1.00	\$575.00	\$0.00
CO1-4D	Remove and Replace 12" Storm Pipe	20	LF	\$38.00	\$760.00		20.00	\$760.00	\$0.00
CO1-4E	Remove and Replace Rip Rap	25	TN	\$25.00	\$625.00		25.00	\$625.00	\$0.00
CO1-4F	Additional Pipe Costs	104	LF	\$11.11	\$1,155.44		104.00	\$1,155.44	\$0.00
CO1-8A	8" Insetvalve	1	EA	\$3,235.00	\$3,235.00		1.00	\$3,235.00	\$0.00
CO1-8B	8" Cap, MJ	2	EA	\$26.00	\$52.00		2.00	\$52.00	\$0.00
CO1-8C	8" 45 Bend, MJ	4	EA	\$47.00	\$188.00		4.00	\$188.00	\$0.00
CO1-8D	8" Sleeve, MJ	1	EA	\$58.00	\$58.00		1.00	\$58.00	\$0.00
CO1-8E	8" Ductile Iron Pipe	120	LF	\$12.00	\$1,440.00		120.00	\$1,440.00	\$0.00
CO1-8F	Valve Box Assembly	1	EA	\$130.00	\$130.00		1.00	\$130.00	\$0.00
CO1-8G	Crew/Equipment/Labor	40	HR	\$200.00	\$8,000.00		40.00	\$8,000.00	\$0.00
CO1-7	Dumpster Pad with Enclosure and Gate, Line C at Sta. 15+25	1	EA	\$7,759.65	\$7,759.65		1.00	\$7,759.65	\$0.00
CO1-8	Remove old and install New Fence at Day Care	1	EA	\$2,921.20	\$2,921.20		1.00	\$2,921.20	\$0.00
CO1-9	Provide and install CBI at Codell	1	EA	\$4,862.20	\$4,862.20		1.00	\$4,862.20	\$0.00
CO1-10	Standard Manhole, 4' Dia. (Depth 5.1' to 8')	2	EA	\$4,500.00	\$9,000.00		2.00	\$9,000.00	\$0.00
CO1-11	Manhole Barrel Extensions, 4' Dia.	14	VF	\$225.00	\$3,150.00		14.00	\$3,150.00	\$0.00
CO1-12	36" Equivalent Elliptical RCP Storm	-150	LF	\$100.00	(\$15,000.00)		-150.00	(\$15,000.00)	\$0.00
CO1-13	Removes and Replace 4' Dia. Storm MH	-1	EA	\$4,000.00	(\$4,000.00)		-1.00	(\$4,000.00)	\$0.00
CO1-14	6" Gravity Sewer Lateral	58	LF	\$175.00	\$10,150.00		58.00	\$10,150.00	\$0.00
CO1-15	10" Gravity Sewer Lateral 6.1' to 10' in depth	14	LF	\$199.00	\$2,786.00		14.00	\$2,786.00	\$0.00
CO1-16	27" Gravity Sewer Pipe 6.1' to 10' in depth	-4	LF	\$300.00	(\$1,200.00)		-4.00	(\$1,200.00)	\$0.00
CO1-17	Connect Existing 8" Sewer Lateral to MH	2	EA	\$600.00	\$1,200.00		2.00	\$1,200.00	\$0.00
CO1-18	Shallow Manhole 4' Dia. Depth less than 5'	-1	EA	\$4,000.00	(\$4,000.00)		-1.00	(\$4,000.00)	\$0.00
CO1-19	Standard Manhole 4' Dia. Depth 5.1' to 8'	1	EA	\$4,500.00	\$4,500.00		1.00	\$4,500.00	\$0.00
CO1-20	Standard 5' Dia. MH depth to 6'	1	EA	\$5,500.00	\$5,500.00		1.00	\$5,500.00	\$0.00
CO1-21	Standard 5' Dia. MH depth to 6'	-1	EA	\$5,500.00	(\$5,500.00)		-1.00	(\$5,500.00)	\$0.00
CO1-22	Standard 8' Dia. MH depth to 8'	1	EA	\$10,000.00	\$10,000.00		1.00	\$10,000.00	\$0.00
CO1-23	Manhole Barrel Extensions, 5' Dia.	-3.40	VF	\$375.00	(\$1,275.00)		-3.40	(\$1,275.00)	\$0.00
CO1-24	Manhole Barrel Extensions, 5' Dia.	1.88	VF	\$375.00	\$692.50		1.88	\$692.50	\$0.00
CO1-25	Manhole Barrel Extensions, 8' Dia.	3.40	VF	\$600.00	\$2,040.00		3.40	\$2,040.00	\$0.00
CO1-26	Bituminous Pavement Surface Replacement	-84	SY	\$45.00	(\$3,780.00)		-84.00	(\$3,780.00)	\$0.00
CO1-27	Seeding, Permanent	930	SY	\$1.10	\$1,023.00		930.00	\$1,023.00	\$0.00
CO1-28	#57 Crushed Stone as ordered by Engineer	-84	TN	\$20.00	(\$1,680.00)		-84.00	(\$1,680.00)	\$0.00
CO1-29	Rock Removal by Mechanical or Blasting	-308	CY	\$0.01	(\$3.08)		-308.00	(\$3.08)	\$0.00
CO1-30	Standard Manhole 4' Dia. Depth 5.1' to 8'	1	EA	\$4,500.00	\$4,500.00		1.00	\$4,500.00	\$0.00
CO1-31	Manhole Barrel Extensions, 4' Dia.	8	VF	\$225.00	\$1,800.00		8.00	\$1,800.00	\$0.00
Change Order No. 1 Total					\$26,056.91		\$42,021.91	\$13,965.00	



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		As Bid	Free Contracting		Total Completed to date		+/-			
CHANGE ORDER NO. 2										
CO2.1	Rote Rooter - Woodhill Shopping Center - Exploratory Work	1	LS	\$598.00	\$598.00			1.00	\$598.00	\$0.00
CO2.2	Bypass Pumping	1	LS	\$23,488.26	\$23,488.26			1.00	\$23,488.26	\$0.00
CO2.3	Asphalt Removal and Haul Off	400	SY	\$4.50	\$1,800.00			400.00	\$1,800.00	\$0.00
CO2.4	Heavy Cleaning of Line B	1	LS	\$863.63	\$863.63			1.00	\$863.63	\$0.00
CO2.5	Hinged and Bolt Down Lids	1	LS	\$17,110.54	\$17,110.54			1.00	\$17,110.54	\$0.00
CO2.6	New Circle Road Settlement	1	LS	\$4,527.90	\$4,527.90			1.00	\$4,527.90	\$0.00
CO2.7	Relocation of Bore Pit No. 21	1	LS	\$16,313.69	\$16,313.69			1.00	\$16,313.69	\$0.00
CO2.8	Rote Rooter - Woodhill Shopping Center - Clean Out Installation	1	LS	\$1,155.00	\$1,155.00			1.00	\$1,155.00	\$0.00
Change Order No. 2 Total					\$65,867.02			\$65,867.02		\$0.00
Total +/- Change Order No. 3 - Final Adjusting										\$171,954.27
Total Adjusted Contract Amount						\$3,284,870.20				