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CITY OF CROSSVILLE
2017 SEWER REHABILITATION
GRW PROJECT NO. 3671-10

2017 SEWER REHABILITATION					Portland Utilities Construction Co., LLC			
					P.O. Box 510 117 Demase Street Portland, TN 37148-0510			
					License No. 29789			
Item No.	Description	Est. Qty.	Unit	Unit Price	Total Price	Installed Qty.	Revised Contract Qty.	Revised Contract Amount
1	Smoke Testing Sewer Lines	5,000	LF	\$0.56	\$2,800.00	4,616.00	-384.00	-\$215.04
2	Cleaning and CCTV Inspection of 8" Sewer Lines	9,000	LF	\$1.65	\$14,850.00	4,680.30	-4,319.70	-\$7,127.51
3	Cleaning and CCTV Inspection of 10" Sewer Lines	500	LF	\$2.45	\$1,225.00	0.00	-500.00	-\$1,225.00
4	Cleaning and CCTV Inspection of 12" Sewer Lines	4,500	LF	\$2.73	\$12,285.00	7,101.70	2,601.70	\$7,102.64
5	Heavy Cleaning, 8" Sewer Line	2,000	LF	\$4.10	\$8,200.00	178.50	-1,821.50	-\$7,468.15
6	Heavy Cleaning, 10" Sewer Line	100	LF	\$4.92	\$492.00	0.00	-100.00	-\$492.00
7	Heavy Cleaning, 12" Sewer Line	1,000	LF	\$4.92	\$4,920.00	2,757.70	1,757.70	\$8,647.88
8	Point Repair of 8" Line (Up to 10 LF to Replace)	25	EA	\$271.45	\$6,786.25	0.00	-25.00	-\$6,786.25
9	Additional 8" Line Replacement at Point Repair	50	LF	\$39.83	\$1,991.50	0.00	-50.00	-\$1,991.50
10	Point Repair of 10" Line (Up to 10 LF to Replace)	3	EA	\$309.27	\$927.81	0.00	-3.00	-\$927.81
11	Additional 10" Line Replacement at Point Repair	50	LF	\$56.60	\$2,830.00	0.00	-50.00	-\$2,830.00
12	Point Repair of 12-Inch Line (Up to 10 LF to Replace)	10	EA	\$328.40	\$3,284.00	0.00	-10.00	-\$3,284.00
13	Additional 12-Inch Line Replacement at Point Repair	50	LF	\$56.60	\$2,830.00	0.00	-50.00	-\$2,830.00
14	8-Inch Pipe Bursting (Not Previously Sliplined)	2,000	LF	\$47.92	\$95,840.00	222.00	-1,778.00	-\$85,201.76
15	8-Inch Pipe Bursting (Previously Sliplined)	7,000	LF	\$47.92	\$335,440.00	7,241.00	241.00	\$11,548.72
16	10-Inch Pipe Bursting (Not Previously Sliplined)	1,000	LF	\$58.56	\$58,560.00	0.00	-1,000.00	-\$58,560.00
17	10-Inch Pipe Bursting (Previously Sliplined)	2,100	LF	\$58.48	\$122,808.00	2,807.00	707.00	\$41,345.36
18	12-Inch Pipe Bursting (Not Previously Sliplined)	200	LF	\$72.74	\$14,548.00	0.00	-200.00	-\$14,548.00
19	12-Inch Pipe Bursting (Not Previously Sliplined)	300	LF	\$72.74	\$21,822.00	519.00	219.00	\$15,930.06
20	8-Inch PVC SDR 26 Gravity Sewer Line, 0 ft. - 6 ft. deep, Method A Backfill	220	LF	\$48.21	\$10,606.20	220.00	0.00	\$0.00
21	8-Inch PVC SDR 26 Gravity Sewer Line, 6 ft. - 8 ft. deep, Method A Backfill	80	LF	\$55.20	\$4,416.00	80.00	0.00	\$0.00
22	8-Inch PVC SDR 26 Gravity Sewer Line, 6 ft. - 8 ft. deep, Method C Backfill	20	LF	\$103.93	\$2,078.60	20.00	0.00	\$0.00
23	8-Inch PVC SDR 26 Gravity Sewer Line, 8 ft. - 10 ft. deep, Method C Backfill	20	LF	\$138.37	\$2,767.40	10.00	-10.00	-\$1,383.70
24	Service Lateral Connection Replacement in Easement (up to 25 ft.)	60	EA	\$1,245.37	\$74,722.20	48.00	-12.00	-\$14,944.44
25	Service Lateral Connection Replacement in Roadway (up to 25 ft.)	10	EA	\$2,029.61	\$20,296.10	0.00	-10.00	-\$20,296.10
26	Additional Service Line not included in Items 20, 21 and 23	200	LF	\$33.43	\$6,686.00	8.00	-192.00	-\$6,418.56
27	Gravity Sewer Service Connection w/CO Assembly	2	EA	\$1,616.95	\$3,233.90	0.00	-2.00	-\$3,233.90
28	Locate/Uncover Existing Manhole	20	EA	\$357.28	\$7,145.60	3.00	-17.00	-\$6,073.76
29	Non-entry Manhole inspection	70	EA	\$75.21	\$5,264.70	67.00	-3.00	-\$225.63
30	Reset existing Manhole Frame and Cover	10	EA	\$504.36	\$5,043.60	24.00	14.00	\$7,061.04
31	Replace existing manhole frame and cover with watertight frame and cover	10	EA	\$1,198.80	\$11,988.00	1.00	-9.00	-\$10,789.20
32	Raise existing manhole frame	10	EA	\$682.28	\$6,822.80	0.00	-10.00	-\$6,822.80
33	Manhole Rehabilitation - 0 to 6 - Feet Deep	65	EA	\$638.25	\$41,486.25	60.00	-5.00	-\$3,191.25
34	Manhole Rehabilitation - Additional Depth Over 6-Foot	100	VF	\$116.55	\$11,655.00	50.00	-50.00	-\$5,827.50
35	Manhole Replacement in Existing Line - 0-6 Feet Deep	10	EA	\$3,580.50	\$35,805.00	3.00	-7.00	-\$25,063.50

36	Manhole Replacement in Existing Line - Additional Depth over 6-Feet	10	VF	\$222.14	\$2,221.40	0.00	-10.00	-\$2,221.40
37	New Manhole - 0-6 feet deep, including frame and cover	1	EA	\$3,566.78	\$3,566.78	1.00	0.00	\$0.00
38	New Manhole - Additional Depth over 6 feet	2	VF	\$222.14	\$444.28	0.00	-2.00	-\$444.28
39	Connect new Gravity Sewer Line to Existing Manhole	2	EA	\$1,057.72	\$2,115.44	0.00	-2.00	-\$2,115.44
40	Asphalt Surface Replacement	300	LF	\$63.51	\$19,053.00	50.00	-250.00	-\$15,877.50
41	Aggregate Surface Replacement	100	LF	\$38.49	\$3,849.00	0.00	-100.00	-\$3,849.00
42	Concrete Driveway Replacement	100	LF	\$63.83	\$6,383.00	0.00	-100.00	-\$6,383.00
43	Concrete Curb & Gutter Replacement	50	LF	\$72.08	\$3,604.00	0.00	-50.00	-\$3,604.00
44	Concrete Sidewalk Replacement	50	LF	\$55.47	\$2,773.50	0.00	-50.00	-\$2,773.50
45	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.	12,000	LF	\$2.51	\$30,120.00	6,765.20	-5,234.80	-\$13,139.35
46	Bypass pumping for 8" sewer where required for inspection of manholes and pipes	1,000	LF	\$2.42	\$2,420.00	0.00	-1,000.00	-\$2,420.00
47	Bypass pumping for 10" sewer where required for inspection of manholes and lines	1,000	LF	\$2.77	\$2,770.00	0.00	-1,000.00	-\$2,770.00
48	Bypass pumping for 12" sewer where required for inspection of manholes and lines	1,000	LF	\$3.89	\$3,890.00	0.00	-1,000.00	-\$3,890.00
49	Mobilization	1	LS	\$80,071.16	\$80,071.16	1.00	0.00	\$0.00
TOTAL OF ALL UNIT PRICE BID ITEMS					\$1,125,738.47			

Reduced Quantity Total

-\$265,609.12



VIA E-MAIL
 October 25, 2018

GRW Engineers, Inc.
 Attn: Jim Hilborn
 404 BNA Drive, Suite 201
 Nashville, TN 37217

RE: Crossville Sewer Rehab – Additional Contract Work

Dear Mr. Hilborn:

We are pleased to provide the following unit price proposal for CCTV & Pipe Bursting services, per your request.

Item #	Description	Quantity	Unit	Unit Price	Total
1	8" CCTV - South of 4th Street	4200	LF	\$ 1.65	\$ 6,930.00
2	8" CCTV - Lake Holiday	7000	LF	\$ 5.00	\$ 35,000.00
3	8" Pipe bursting	2815	LF	\$ 47.92	\$ 134,894.80
4	Crushed Stone Backfill - Pipe Bursting Only	100	Tons	\$ 25.00	\$ 2,500.00
	Total				\$ 179,324.80

Note 1: P.U.C.C. will do the additional pipe bursting for the existing contract unit prices. However, we request additional compensation for Crushed Stone Backfill as proposed above. The original work did not include much work in the streets, so our unit price does not include hardly any stone. There are contract unit prices for asphalt restoration and "In-road Service Reconnections", so we are covered there.

Note 2: P.U.C.C. will perform additional CCTV work in the area south of 4th Street for the existing contract unit prices. Existing contract unit prices for heavy cleaning may also apply.

Note 3: P.U.C.C. requests new pricing for the easement areas around Lake Holliday. These sections will be pretty tough, and we kind of took a beating on the original contract in the easements. Existing contract unit prices for heavy cleaning may also apply. Prices do not include clearing and/or any restoration. There will be some restoration in the area around Lake Holliday.

Thank you for the opportunity to provide this proposal. Please do not hesitate to call if you have any questions or comments.

Sincerely,
Portland Utilities Construction Co., LLC
Michael E. Woodcock
 Michael E. Woodcock
 Vice President