

Project Name: Ravine Sewer Replacement Project

Bid Opening Date: November 9, 2021
Bids Tabulated: November 10, 2021

Average Bid Range: \$10,305,968
%Low/High: 81.5%
%Low/2nd: 85.2%

Client: Regional Water Resource Agency
1722 Pleasant Valley Road
Owensboro, KY 42303

Mob,GC,DeMob,Dewater \$2,575,000.00
Pipe MHs \$3,933,050.00

\$2,534,000.00
\$4,273,285.00

\$2,513,780.00
\$5,399,110.00

\$2,070,000.00
\$5,789,377.00

Base Bid - Ravine Sewer Replacement Project

Item No. and Description	Unit	Quantity	Cleary Construction, Inc.		Norris Brothers Excavating		MAC Construction & Excavating, Inc.		Deig Brothers Lumber & Construction Co., Inc.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1 Mobilization	LS	1	\$400,000.00	\$400,000.00	\$1,999,000.00	\$1,999,000.00	\$500,000.00	\$500,000.00	\$385,000.00	\$385,000.00
2 General Conditions	LS	1	\$1,075,000.00	\$1,075,000.00	\$25,000.00	\$25,000.00	\$338,780.00	\$338,780.00	\$120,000.00	\$120,000.00
3 De-Mobilization	LS	1	\$200,000.00	\$200,000.00	\$10,000.00	\$10,000.00	\$75,000.00	\$75,000.00	\$165,000.00	\$165,000.00
4 Construction Staking	LS	1	\$50,000.00	\$50,000.00	\$445,000.00	\$445,000.00	\$65,000.00	\$65,000.00	\$90,000.00	\$90,000.00
5 8" PVC (SDR-26) (Sanitary Sewer)	LF	580	\$130.00	\$75,400.00	\$220.00	\$127,600.00	\$156.00	\$90,480.00	\$166.00	\$96,280.00
6 12" PVC (SDR-26) (Sanitary Sewer)	LF	4,060	\$220.00	\$893,200.00	\$245.00	\$994,700.00	\$350.00	\$1,421,000.00	\$330.00	\$1,339,800.00
7 24" PVC (SDR-26) (Sanitary Sewer)	LF	30	\$600.00	\$18,000.00	\$490.00	\$14,700.00	\$790.00	\$23,700.00	\$778.00	\$23,340.00
8 30" PVC (SDR-26) (Sanitary Sewer)	LF	310	\$800.00	\$248,000.00	\$879.00	\$272,490.00	\$1,000.00	\$310,000.00	\$860.00	\$266,600.00
9 Cast-In-Place Manhole 8' Diameter & Supporting Structure	EA	1	\$100,000.00	\$100,000.00	\$8,800.00	\$8,800.00	\$160,000.00	\$160,000.00	\$342,000.00	\$342,000.00
10 Manhole 4' Diameter (0-6 ft Depth)	EA	1	\$5,500.00	\$5,500.00	\$7,800.00	\$7,800.00	\$5,300.00	\$5,300.00	\$7,052.00	\$7,052.00
11 Manhole 4' Diameter (6-12 ft Depth)	EA	14	\$6,500.00	\$91,000.00	\$8,000.00	\$112,000.00	\$8,100.00	\$113,400.00	\$10,565.00	\$147,910.00
12 Flanged Manhole 4' Diameter (6-12 ft Depth)	EA	3	\$7,000.00	\$21,000.00	\$8,000.00	\$24,000.00	\$10,550.00	\$31,650.00	\$11,310.00	\$33,930.00
13 Manhole 4' Diameter w/ Drop Assembly (6-12ft Depth)	EA	7	\$12,000.00	\$84,000.00	\$9,600.00	\$67,200.00	\$16,000.00	\$112,000.00	\$15,125.00	\$105,875.00
13A Internal Drop Assembly	EA	1	\$15,000.00	\$15,000.00	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00	\$5,715.00	\$5,715.00
14 Additional Manhole Barrel for 4' Diameter	VF	10	\$400.00	\$4,000.00	\$300.00	\$3,000.00	\$760.00	\$7,600.00	\$772.00	\$7,720.00
15 Manhole 5' Diameter (6-12 ft Depth)	EA	1	\$9,500.00	\$9,500.00	\$9,000.00	\$9,000.00	\$14,500.00	\$14,500.00	\$15,900.00	\$15,900.00
16 Additional Manhole Barrel for 5' Diameter	VF	10	\$500.00	\$5,000.00	\$400.00	\$4,000.00	\$876.00	\$8,760.00	\$860.00	\$8,600.00
17 Tie-ins to Existing Sanitary Manholes	EA	7	\$6,000.00	\$42,000.00	\$6,500.00	\$45,500.00	\$4,400.00	\$30,800.00	\$6,400.00	\$44,800.00
18 Service Lateral (6" PVC SDR-26)	LF	1,250	\$150.00	\$187,500.00	\$62.00	\$77,500.00	\$180.00	\$225,000.00	\$98.00	\$122,500.00
19 12" PVC (SDR-26) (Storm Sewer)	LF	950	\$160.00	\$152,000.00	\$110.00	\$104,500.00	\$225.00	\$213,750.00	\$241.00	\$228,950.00
20 15" PVC (SDR-26) (Storm Sewer)	LF	70	\$190.00	\$13,300.00	\$145.00	\$10,150.00	\$275.00	\$19,250.00	\$295.00	\$20,650.00
21 18" PVC (SDR-26) (Storm Sewer)	LF	700	\$210.00	\$147,000.00	\$180.00	\$126,000.00	\$325.00	\$227,500.00	\$300.00	\$210,000.00
22 12" RCP (Class 3)	LF	70	\$120.00	\$8,400.00	\$165.00	\$11,550.00	\$146.00	\$10,220.00	\$202.00	\$14,140.00
23 15" RCP (Class 3)	LF	390	\$170.00	\$66,300.00	\$188.00	\$73,320.00	\$230.00	\$89,700.00	\$360.00	\$140,400.00
24 18" RCP (Class 3)	LF	470	\$180.00	\$84,600.00	\$190.00	\$89,300.00	\$290.00	\$136,300.00	\$277.00	\$130,190.00
25 24" RCP (Class 3)	LF	325	\$190.00	\$61,750.00	\$255.00	\$82,875.00	\$275.00	\$89,375.00	\$390.00	\$126,750.00
26 36" RCP (Class 3)	LF	2,910	\$330.00	\$960,300.00	\$420.00	\$1,222,200.00	\$420.00	\$1,222,200.00	\$515.00	\$1,498,650.00
27 42" RCP (Class 3)	LF	520	\$500.00	\$260,000.00	\$660.00	\$343,200.00	\$590.00	\$306,800.00	\$86.00	\$304,720.00
28 Storm Manhole 4' Diameter (0-6' Depth)	EA	2	\$5,000.00	\$10,000.00	\$6,800.00	\$13,600.00	\$5,600.00	\$11,200.00	\$6,000.00	\$12,000.00
29 Storm Manhole 4' Diameter (6-12' Depth)	EA	8	\$6,000.00	\$48,000.00	\$12,000.00	\$96,000.00	\$6,600.00	\$52,800.00	\$7,995.00	\$63,960.00
30 Storm Manhole 5' Diameter (0-6' Depth)	EA	1	\$6,000.00	\$6,000.00	\$9,000.00	\$9,000.00	\$6,750.00	\$6,750.00	\$6,915.00	\$6,915.00
31 Storm Manhole 5' Diameter (6-12' Depth)	EA	2	\$7,000.00	\$14,000.00	\$11,500.00	\$23,000.00	\$7,800.00	\$15,600.00	\$9,205.00	\$18,410.00
32 Flanged Storm Manhole 5' Diameter (6-12' Depth)	EA	2	\$7,500.00	\$15,000.00	\$12,500.00	\$25,000.00	\$10,800.00	\$21,600.00	\$14,820.00	\$29,640.00
33 Storm Manhole 6' Diameter (6-12' Depth)	EA	4	\$8,000.00	\$32,000.00	\$9,000.00	\$36,000.00	\$13,900.00	\$55,600.00	\$19,340.00	\$77,360.00
34 Flanged Storm Manhole 6' Diameter (6-12' Depth)	EA	1	\$9,000.00	\$9,000.00	\$13,500.00	\$13,500.00	\$18,650.00	\$18,650.00	\$20,500.00	\$20,500.00
35 Additional Manhole Barrel for 6' Diameter	VF	5	\$600.00	\$3,000.00	\$550.00	\$2,750.00	\$1,345.00	\$6,725.00	\$945.00	\$4,725.00
36 Storm Manhole 7' Diameter (6-12' Depth)	EA	4	\$14,000.00	\$56,000.00	\$12,500.00	\$50,000.00	\$25,000.00	\$100,000.00	\$26,620.00	\$106,480.00
37 Flanged Storm Manhole 7' Diameter (6-12' Depth)	EA	1	\$16,000.00	\$16,000.00	\$14,500.00	\$14,500.00	\$26,000.00	\$26,000.00	\$24,700.00	\$24,700.00
38 Additional Manhole Barrel for 7' Diameter	VF	10	\$800.00	\$8,000.00	\$660.00	\$6,600.00	\$1,900.00	\$19,000.00	\$1,260.00	\$12,600.00
39 Storm Manhole 8' Diameter (6-12' Depth)	EA	3	\$22,000.00	\$66,000.00	\$17,500.00	\$52,500.00	\$27,000.00	\$81,000.00	\$27,700.00	\$83,100.00
40 Additional Manhole Barrel for 8' Diameter (6-12' Depth)	VF	5	\$1,400.00	\$7,000.00	\$750.00	\$3,750.00	\$2,100.00	\$10,500.00	\$1,260.00	\$6,300.00
41 Storm Manhole 10' Diameter (6-12' Depth)	EA	1	\$40,000.00	\$40,000.00	\$19,000.00	\$19,000.00	\$32,000.00	\$32,000.00	\$33,700.00	\$33,700.00
42 Curb Box Inlet	EA	11	\$4,500.00	\$49,500.00	\$6,600.00	\$72,600.00	\$6,200.00	\$68,200.00	\$4,145.00	\$45,595.00
43 Frame & Grate for Curb Box Inlet	EA	1	\$800.00	\$800.00	\$600.00	\$600.00	\$1,700.00	\$1,700.00	\$920.00	\$920.00
44 Tie-in to Existing Drainage Structures	EA	23	\$2,000.00	\$46,000.00	\$4,200.00	\$96,600.00	\$8,500.00	\$195,500.00	\$3,440.00	\$79,120.00
45 Fill Existing Manholes	EA	5	\$1,000.00	\$5,000.00	\$1,200.00	\$6,000.00	\$910.00	\$4,550.00	\$2,450.00	\$12,250.00
46 Reconnect New MH To Exist. 6" PVC	EA	2	\$4,000.00	\$8,000.00	\$3,200.00	\$6,400.00	\$3,300.00	\$6,600.00	\$2,530.00	\$5,060.00
47 Reconnect New MH To Exist. 8" PVC	EA	1	\$4,500.00	\$4,500.00	\$3,800.00	\$3,800.00	\$3,500.00	\$3,500.00	\$3,420.00	\$3,420.00
48 Reconnect New MH To Exist. 10" PVC	EA	2	\$4,700.00	\$9,400.00	\$4,200.00	\$8,400.00	\$3,600.00	\$7,200.00	\$4,145.00	\$8,290.00
49 Reconnect New MH To Exist. 12" PVC	EA	2	\$5,500.00	\$11,000.00	\$4,500.00	\$9,000.00	\$3,700.00	\$7,400.00	\$4,225.00	\$8,450.00
50 Reconnect New MH To Exist. 12" VCP	EA	3	\$5,500.00	\$16,500.00	\$4,500.00	\$13,500.00	\$3,700.00	\$11,100.00	\$4,305.00	\$12,915.00
51 Reconnect New MH To Exist. 15" RCP	EA	1	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$3,800.00	\$3,800.00	\$5,600.00	\$5,600.00
52 Reconnect New MH To Exist. 24" VCP	EA	1	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00	\$8,200.00	\$8,200.00	\$7,100.00	\$7,100.00
53 Reconnect New MH To Exist. 48" BRICK	EA	1	\$40,000.00	\$40,000.00	\$36,000.00	\$36,000.00	\$10,000.00	\$10,000.00	\$49,200.00	\$49,200.00
53A Reconnect New MH To Exist. 36" CCFRM	EA	1	\$25,000.00	\$25,000.00	\$42,000.00	\$42,000.00	\$16,000.00	\$16,000.00	\$17,500.00	\$17,500.00
54 Concrete Cap (10" Dia. Pipe)	LF	10	\$70.00	\$700.00	\$6,800.00	\$68,000.00	\$215.00	\$2,150.00	\$178.00	\$1,780.00
55 Concrete Cap (12" Dia. Pipe)	LF	30	\$70.00	\$2,100.00	\$7,000.00	\$210,000.00	\$220.00	\$6,600.00	\$178.00	\$5,340.00
56 Concrete Cap (18" Dia. Pipe)	LF	10	\$75.00	\$750.00	\$8,800.00	\$88,000.00	\$230.00	\$2,300.00	\$178.00	\$1,780.00
57 Concrete Encasement (8" Dia. Pipe)	LF	40	\$100.00	\$4,000.00	\$45.00	\$1,800.00	\$400.00	\$16,000.00	\$167.00	\$6,680.00
58 Concrete Encasement (10" Dia. Pipe)	LF	10	\$115.00	\$1,150.00	\$45.00	\$450.00	\$410.00	\$4,100.00	\$239.00	\$2,390.00
59 Concrete Encasement (12" Dia. Pipe)	LF	100	\$115.00	\$11,500.00	\$45.00	\$4,500.00	\$415.00	\$41,500.00	\$182.00	\$18,200.00
60 Concrete Encasement (15" Dia. Pipe)	LF	30	\$115.00	\$3,450.00	\$45.00	\$1,350.00	\$420.00	\$12,600.00	\$191.00	\$5,730.00
61 Concrete Encasement (18" Dia. Pipe)	LF	30	\$130.00	\$3,900.00	\$65.00	\$1,950.00	\$425.00	\$12,750.00	\$239.00	\$7,170.00
62 Concrete Encasement (24" Dia. Pipe)	LF	30	\$190.00	\$5,700.00	\$65.00	\$1,950.00	\$430.00	\$12,900.00	\$287.00	\$8,610.00
63 Concrete Encasement (36" Dia. Pipe)	LF	50	\$280.00	\$14,000.00	\$65.00	\$3,250.00	\$535.00	\$26,750.00	\$344.00	\$17,200.00
64 Pipe Safe Load	CY	1,100	\$200.00	\$220,000.00	\$145.00	\$159,500.00	\$200.00	\$220,000.00	\$240.00	\$264,000.00
65 Sewer By-Pass Pumping & Temporary Structures	LS	1	\$300,000.00	\$300,000.00	\$220,000.00	\$220,000.00	\$175,000.00	\$175,000.00	\$450,000.00	\$450,000.00
66 Misc. Utility Service Relocation Allowance	LS	1	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00
67 Dewatering and Unsuitable Conditions	LS	1	\$900,000.00	\$900,000.00	\$500,000.00	\$500,000.00	\$1,600,000.00	\$1,600,000.00	\$1,400,000.00	\$1,400,000.00
68 Traffic Control	LS	1	\$95,000.00	\$95,000.00	\$198,000.00	\$198,000.00	\$125,000.00	\$125,000.00	\$135,000.00	\$135,000.00
69 Concrete Curb Removal & Replacement	LF	2,190	\$50.00	\$109,500.00	\$65.00	\$142,350.00	\$40.00	\$87,600.00	\$50.00	\$109,500.00
70 4" Sidewalk Replacement	SY	585	\$100.00	\$58,500.00	\$7.00	\$4,095.00	\$84.00	\$49,140.00	\$85.00	\$49,725.00
71 6" Concrete Pavement Replacement	SY	800	\$45.00	\$36,000.00	\$9.00	\$7,200.00	\$95.00	\$76,000.00	\$95.00	\$76,000.00
72 8" Concrete Pavement Replacement	SY	700	\$50.00	\$35,000.00	\$15.00	\$10,500.00	\$108.00	\$75,600.00	\$117.00	\$81,900.00
73 Concrete Entrance	SY	300	\$80.00	\$24,000.00	\$45.00	\$13,500.00	\$6			

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 Bid Opening Date: November 9, 2021
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 Client: Regional Water Resource Agency
 1722 Pleasant Valley Road
 Owensboro, KY 42303

Base Bid - Ravine Sewer Replacement Project			Engineer's Estimate		Average Unit Prices		Median Bid	
Item No. and Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
1 Mobilization	LS	1	\$600,000.00	\$600,000.00	\$821,000.00	\$821,000.00	\$450,000.00	\$450,000.00
2 General Conditions	LS	1	\$250,000.00	\$250,000.00	\$389,695.00	\$389,695.00	\$229,390.00	\$229,390.00
3 De-Mobilization	LS	1	\$143,000.00	\$143,000.00	\$112,500.00	\$112,500.00	\$120,000.00	\$120,000.00
4 Construction Staking	LS	1	\$51,000.00	\$51,000.00	\$162,500.00	\$162,500.00	\$77,500.00	\$77,500.00
5 8" PVC (SDR-26) (Sanitary Sewer)	LF	580	\$125.00	\$72,500.00	\$168.00	\$97,440.00	\$161.00	\$93,380.00
6 12" PVC (SDR-26) (Sanitary Sewer)	LF	4060	\$215.00	\$872,900.00	\$286.25	\$1,162,175.00	\$287.50	\$1,167,250.00
7 24" PVC (SDR-26) (Sanitary Sewer)	LF	30	\$400.00	\$12,000.00	\$664.50	\$19,935.00	\$689.00	\$20,670.00
8 30" PVC (SDR-26) (Sanitary Sewer)	LF	310	\$500.00	\$155,000.00	\$884.75	\$274,272.50	\$869.50	\$269,545.00
9 Cast-In-Place Manhole 8' Diameter & Supporting Structure	EA	1	\$130,000.00	\$130,000.00	\$152,700.00	\$152,700.00	\$130,000.00	\$130,000.00
10 Manhole 4' Diameter (0-6 ft Depth)	EA	1	\$5,000.00	\$5,000.00	\$6,413.00	\$6,413.00	\$6,276.00	\$6,276.00
11 Manhole 4' Diameter (6-12 ft Depth)	EA	14	\$6,250.00	\$87,500.00	\$8,291.25	\$116,077.50	\$8,050.00	\$112,700.00
12 Flanged Manhole 4' Diameter (6-12 ft Depth)	EA	3	\$7,200.00	\$21,600.00	\$9,215.00	\$27,645.00	\$9,275.00	\$27,825.00
13 Manhole 4' Diameter w/ Drop Assembly (6-12ft Depth)	EA	7	\$11,000.00	\$77,000.00	\$13,181.25	\$92,268.75	\$13,562.50	\$94,937.50
13A Internal Drop Assembly	EA	1	\$1,000.00	\$1,000.00	\$6,678.75	\$6,678.75	\$4,607.50	\$4,607.50
14 Additional Manhole Barrel for 4' Diameter	VF	10	\$550.00	\$5,500.00	\$558.00	\$5,580.00	\$580.00	\$5,800.00
15 Manhole 5' Diameter (6-12 ft Depth)	EA	1	\$8,000.00	\$8,000.00	\$12,225.00	\$12,225.00	\$12,000.00	\$12,000.00
16 Additional Manhole Barrel for 5' Diameter	VF	10	\$600.00	\$6,000.00	\$659.00	\$6,590.00	\$680.00	\$6,800.00
17 Tie-ins to Existing Sanitary Manholes	EA	7	\$1,500.00	\$10,500.00	\$5,825.00	\$40,775.00	\$6,200.00	\$43,400.00
18 Service Lateral (6" PVC SDR-26)	LF	1250	\$100.00	\$125,000.00	\$122.50	\$153,125.00	\$124.00	\$155,000.00
19 12" PVC (SDR-26) (Storm Sewer)	LF	950	\$140.00	\$133,000.00	\$184.00	\$174,800.00	\$192.50	\$182,875.00
20 15" PVC (SDR-26) (Storm Sewer)	LF	70	\$165.00	\$11,550.00	\$226.25	\$15,837.50	\$232.50	\$16,275.00
21 18" PVC (SDR-26) (Storm Sewer)	LF	700	\$190.00	\$133,000.00	\$253.75	\$177,625.00	\$255.00	\$178,500.00
22 12" RCP (Class 3)	LF	70	\$130.00	\$9,100.00	\$158.25	\$11,077.50	\$155.50	\$10,885.00
23 15" RCP (Class 3)	LF	390	\$170.00	\$66,300.00	\$237.00	\$92,430.00	\$209.00	\$81,510.00
24 18" RCP (Class 3)	LF	470	\$200.00	\$94,000.00	\$234.25	\$110,097.50	\$233.50	\$109,745.00
25 24" RCP (Class 3)	LF	325	\$235.00	\$76,375.00	\$277.50	\$90,187.50	\$265.00	\$86,125.00
26 36" RCP (Class 3)	LF	2910	\$385.00	\$1,120,350.00	\$421.25	\$1,225,837.50	\$420.00	\$1,222,200.00
27 42" RCP (Class 3)	LF	520	\$520.00	\$270,400.00	\$584.00	\$303,680.00	\$588.00	\$305,760.00
28 Storm Manhole 4' Diameter (0-6' Depth)	EA	2	\$5,000.00	\$10,000.00	\$5,850.00	\$11,700.00	\$5,800.00	\$11,600.00
29 Storm Manhole 4' Diameter (6-12' Depth)	EA	8	\$7,400.00	\$59,200.00	\$8,148.75	\$65,190.00	\$7,297.50	\$58,380.00
30 Storm Manhole 5' Diameter (0-6' Depth)	EA	1	\$6,500.00	\$6,500.00	\$7,166.25	\$7,166.25	\$6,832.50	\$6,832.50
31 Storm Manhole 5' Diameter (6-12' Depth)	EA	2	\$8,000.00	\$16,000.00	\$8,876.25	\$17,752.50	\$8,502.50	\$17,005.00
32 Flanged Storm Manhole 5' Diameter (6-12' Depth)	EA	2	\$9,500.00	\$19,000.00	\$11,405.00	\$22,810.00	\$11,650.00	\$23,300.00
33 Storm Manhole 6' Diameter (6-12' Depth)	EA	4	\$10,000.00	\$40,000.00	\$12,560.00	\$50,240.00	\$11,450.00	\$45,800.00
34 Flanged Storm Manhole 6' Diameter (6-12' Depth)	EA	1	\$12,000.00	\$12,000.00	\$15,412.50	\$15,412.50	\$16,075.00	\$16,075.00
35 Additional Manhole Barrel for 6' Diameter	VF	5	\$700.00	\$3,500.00	\$860.00	\$4,300.00	\$772.50	\$3,862.50
36 Storm Manhole 7' Diameter (6-12' Depth)	EA	4	\$12,000.00	\$48,000.00	\$19,530.00	\$78,120.00	\$19,500.00	\$78,000.00
37 Flanged Storm Manhole 7' Diameter (6-12' Depth)	EA	1	\$14,000.00	\$14,000.00	\$20,300.00	\$20,300.00	\$20,350.00	\$20,350.00
38 Additional Manhole Barrel for 7' Diameter	VF	10	\$800.00	\$8,000.00	\$1,155.00	\$11,550.00	\$1,030.00	\$10,300.00
39 Storm Manhole 8' Diameter (6-12' Depth)	EA	3	\$15,000.00	\$45,000.00	\$23,550.00	\$70,650.00	\$24,500.00	\$73,500.00
40 Additional Manhole Barrel for 8' Diameter	VF	5	\$900.00	\$4,500.00	\$1,377.50	\$6,887.50	\$1,330.00	\$6,650.00
41 Storm Manhole 10' Diameter (6-12' Depth)	EA	1	\$20,000.00	\$20,000.00	\$31,175.00	\$31,175.00	\$32,850.00	\$32,850.00
42 Curb Box Inlet	EA	11	\$5,000.00	\$55,000.00	\$5,361.25	\$58,973.75	\$5,350.00	\$58,850.00
43 Frame & Grate for Curb Box Inlet	EA	1	\$1,500.00	\$1,500.00	\$1,005.00	\$1,005.00	\$860.00	\$860.00
44 Tie-in to Existing Drainage Structures	EA	23	\$2,500.00	\$57,500.00	\$4,535.00	\$104,305.00	\$3,820.00	\$87,860.00
45 Fill Existing Manholes	EA	5	\$2,500.00	\$12,500.00	\$1,390.00	\$6,950.00	\$1,100.00	\$5,500.00
46 Reconnect New MH To Exist. 6" PVC	EA	2	\$1,800.00	\$3,600.00	\$3,257.50	\$6,515.00	\$3,250.00	\$6,500.00
47 Reconnect New MH To Exist. 8" PVC	EA	1	\$2,000.00	\$2,000.00	\$3,805.00	\$3,805.00	\$3,650.00	\$3,650.00
48 Reconnect New MH To Exist. 10" PVC	EA	2	\$2,250.00	\$4,500.00	\$4,161.25	\$8,322.50	\$4,172.50	\$8,345.00
49 Reconnect New MH To Exist. 12" PVC	EA	2	\$2,500.00	\$5,000.00	\$4,481.25	\$8,962.50	\$4,362.50	\$8,725.00
50 Reconnect New MH To Exist. 12" VCP	EA	3	\$2,750.00	\$8,250.00	\$4,501.25	\$13,503.75	\$4,402.50	\$13,207.50
51 Reconnect New MH To Exist. 15" RCP	EA	1	\$3,200.00	\$3,200.00	\$5,600.00	\$5,600.00	\$5,300.00	\$5,300.00
52 Reconnect New MH To Exist. 24" VCP	EA	1	\$3,500.00	\$3,500.00	\$7,950.00	\$7,950.00	\$7,650.00	\$7,650.00
53 Reconnect New MH To Exist. 48" BRICK	EA	1	\$20,000.00	\$20,000.00	\$33,800.00	\$33,800.00	\$38,000.00	\$38,000.00
53A Reconnect New MH To Exist. 36" CCFRM	EA	1	\$18,000.00	\$18,000.00	\$25,125.00	\$25,125.00	\$21,250.00	\$21,250.00
54 Concrete Cap (10" Dia. Pipe)	LF	10	\$85.00	\$850.00	\$181.575	\$1,815.75	\$196.50	\$1,965.00
55 Concrete Cap (12" Dia. Pipe)	LF	30	\$90.00	\$2,700.00	\$1,867.00	\$56,010.00	\$199.00	\$5,970.00
56 Concrete Cap (18" Dia. Pipe)	LF	10	\$125.00	\$1,250.00	\$2,320.75	\$23,207.50	\$204.00	\$2,040.00
57 Concrete Encasement (8" Dia. Pipe)	LF	40	\$150.00	\$6,000.00	\$178.00	\$7,120.00	\$133.50	\$5,340.00
58 Concrete Encasement (10" Dia. Pipe)	LF	10	\$165.00	\$1,650.00	\$202.25	\$2,022.50	\$177.00	\$1,770.00
59 Concrete Encasement (12" Dia. Pipe)	LF	100	\$175.00	\$17,500.00	\$189.25	\$18,925.00	\$148.50	\$14,850.00
60 Concrete Encasement (15" Dia. Pipe)	LF	30	\$200.00	\$6,000.00	\$192.75	\$5,782.50	\$153.00	\$4,590.00
61 Concrete Encasement (18" Dia. Pipe)	LF	30	\$250.00	\$7,500.00	\$214.75	\$6,442.50	\$184.50	\$5,535.00
62 Concrete Encasement (24" Dia. Pipe)	LF	30	\$350.00	\$10,500.00	\$243.00	\$7,290.00	\$238.50	\$7,155.00
63 Concrete Encasement (36" Dia. Pipe)	LF	50	\$500.00	\$25,000.00	\$306.00	\$15,300.00	\$312.00	\$15,600.00
64 Pipe Safe Load	CY	1100	\$315.00	\$346,500.00	\$196.25	\$215,875.00	\$200.00	\$220,000.00
65 Sewer By-Pass Pumping & Temporary Structures	LS	1	\$300,000.00	\$300,000.00	\$286,250.00	\$286,250.00	\$260,000.00	\$260,000.00
66 Misc. Utility Service Relocation Allowance	LS	1	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00
67 Dewatering and Unsuitable Conditions	LS	1	\$500,000.00	\$500,000.00	\$1,100,000.00	\$1,100,000.00	\$1,150,000.00	\$1,150,000.00
68 Traffic Control	LS	1	\$100,000.00	\$100,000.00	\$138,250.00	\$138,250.00	\$130,000.00	\$130,000.00
69 Concrete Curb Removal & Replacement	LF	2190	\$60.00	\$131,400.00	\$51.25	\$112,237.50	\$50.00	\$109,500.00
70 4" Sidewalk Replacement	SY	585	\$85.00	\$49,725.00	\$69.00	\$40,365.00	\$84.50	\$49,432.50
71 6" Concrete Pavement Replacement	SY	800	\$100.00	\$80,000.00	\$61.00	\$48,800.00	\$70.00	\$56,000.00
72 8" Concrete Pavement Replacement	SY	700	\$150.00	\$105,000.00	\$72.50	\$50,750.00	\$79.00	\$55,300.00
73 Concrete Entrance	SY	300	\$100.00	\$30,000.00	\$74.25	\$22,275.00	\$73.50	\$22,050.00
74 Asphalt Entrance	SY	150	\$85.00	\$12,750.00	\$38.75	\$5,812.50	\$38.50	\$5,775.00
75 Gravel Entrance	SY	530	\$50.00	\$26,500.00	\$27.00	\$14,310.00	\$27.50	\$14,575.00
76 6" ADA Ramp	SF	1400	\$30.00	\$42,000.00	\$27.50	\$38,500.00	\$31.50	\$44,100.00
77 ADA Detectable Warning	SF	420	\$30.00	\$12,600.00	\$19.80	\$8,316.00	\$19.00	\$7,980.00
78 Asph. Street Cut (w/6" Cement Concrete)	SY	800	\$110.00	\$88,000.00	\$50.00	\$40,000.00	\$45.00	\$36,000.00
79 Asph. Street Cut (w/8" Cement Concrete)	SY	700	\$120.00	\$84,000.00	\$53.25	\$37,275.00	\$49.50	\$34,650.00
80 CL2 0.75D PG64-22 Asphalt Base	TON	1700	\$165.00	\$280,500.00	\$138.00	\$234,600.00	\$113.50	\$192,950.00
81 CL3 1.00D PG64-22 Asphalt Base	TON	2225	\$135.00	\$300,375.00	\$127.00	\$282,575.00	\$98.50	\$219,162.50
82 CL2 0.38D PG64-22 Surface Asphalt	TON	185	\$160.00	\$29,600.00	\$187.25	\$34,641.25	\$179.50	\$33,207.50
83 DGA	TON	4375	\$80.00	\$350,000.00	\$49.50	\$216,562.50	\$44.00	\$192,500.00
84 Concrete Slab/Paver Remove and Repair	SF	500	\$40.00	\$20,000.00	\$40.50	\$20,250.00	\$40.00	\$20,000.00
85 Dry Mix Base for 30" PVC Pipe	LF	330	\$50.00	\$16,500.00	\$112.25	\$37,042.50	\$112.00	\$36,960.00
86 Stone Backfill for 42" RCP Pipe	LF	430	\$100.00	\$43,000.00	\$177.25	\$76,217.50	\$165.00	\$70,950.00
87 KYTC Flowable Fill	CY	140	\$150.00	\$21,000.00	\$192.75	\$26,985.00	\$188.00	\$26,320.00
88 Surge Stone (No. 3 and Chips Stone)	TON	1000	\$60.00	\$60,000.00	\$57.25	\$57,250.00	\$52.50	\$52,500.00
89 Fabric Geotextile Type IV	SY	3000	\$4.00	\$12,000.00	\$4.30	\$12,900.00	\$4.50	\$13,500.00
90 Final Grade Restoration/Seed and Straw	SY	2000	\$15.00	\$30,000.00	\$17.75	\$35,500.00	\$20.00	\$40,000.00
91 Replace Fence In-Kind	LF	295	\$40.00	\$11,800.00	\$34.75	\$10,251.25	\$37.00	\$10,915.00
92 Remove and Replace Tree (In Kind)	EA	1	\$2,500.00	\$2,500.00	\$2,655.00	\$2,655.00	\$3,000.00	\$3,000.00
93 Remove Tree	EA	4	\$1,500.00	\$6,000.00	\$2,250.00	\$9,000.00	\$2,100.00	\$8,400.00
94 Install 8" C.I. Flap Valve	EA	1	\$2,000.00	\$2,000.00	\$6,475.00	\$6,475.00	\$7,050.00	\$7,050.00
95 Silva Cell Remove and Replace	EA	1	\$12,500.00	\$12,500.00	\$7,025.00	\$7,025.00	\$5,050.00	\$5,050.00
96 Remove, Store, and Reset Decorative Light Poles and Replace Light Poles Bases	EA	7	\$13,000.00	\$91,000.00	\$8,575.00	\$60,025.00	\$5,300.00	\$37,100.00
97 Temporary Pole Guying	EA	20	\$1,000.00	\$20,000.00	\$2,375.00	\$47,500.00	\$2,000.00	\$40,000.00
Sub-Total				\$8,594,025.00				
10% Contingency				\$859,402.50				
Total				\$9,453,427.50		\$10,305,967.75		\$9,410,901.00