

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Construction		2. Lockhart Concrete		*3.H.M. Miller Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$60,000.00	\$60,000.00	\$25,000.00	\$25,000.00	\$59,000.00	\$59,000.00	\$69,500.00	\$69,500.00
2	201	Clearing and Grubbing	1	L.S.	\$1,000.00	\$1,000.00	\$115,000.00	\$115,000.00	\$49,000.00	\$49,000.00	\$35,000.00	\$35,000.00
3	202	Pipe Removed	30	L.F.	\$5.00	\$150.00	\$20.00	\$600.00	\$10.00	\$300.00	\$25.00	\$750.00
4	202	Pipe Abandoned	120	L.F.	\$6.00	\$720.00	\$20.00	\$2,400.00	\$10.00	\$1,200.00	\$25.00	\$3,000.00
5	202	Wearing Course Removed	3668	S.Y.	\$4.00	\$14,672.00	\$4.00	\$14,672.00	\$5.00	\$18,340.00	\$2.60	\$9,536.80
6	203	Excavation Including Embankment Construction	7076	C.Y.	\$20.00	\$141,520.00	\$0.01	\$70.76	\$1.00	\$7,076.00	\$0.10	\$707.60
7	207	Filter Fabric Fence	3000	L.F.	\$6.00	\$18,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.25	\$3,750.00
8	207	Temporary Seeding and Mulching	1000	S.Y.	\$6.00	\$6,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$0.50	\$500.00
9	254	12 inch Ductile Iron Pipe	10	L.F.	\$200.00	\$2,000.00	\$260.00	\$2,600.00	\$120.00	\$1,200.00	\$870.00	\$8,700.00
10	259	12 inch 45 degree bend	2	EACH	\$800.00	\$1,600.00	\$500.00	\$1,000.00	\$600.00	\$1,200.00	\$765.00	\$1,530.00
11	259	12 inch solid sleeve	2	EACH	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$590.00	\$1,180.00
12	266	Tapping Water Mains & Installing Services	1000	L.F.	\$15.00	\$15,000.00	\$55.00	\$55,000.00	\$20.00	\$20,000.00	\$102.00	\$102,000.00
13	407	Tack Coat	734	GAL.	\$1.50	\$1,101.00	\$3.00	\$2,202.00	\$5.00	\$3,670.00	\$2.50	\$1,835.00
14	448	Asphalt Concrete Surface Course, 1-1/4 inch thick	127	C.Y.	\$200.00	\$25,400.00	\$200.00	\$25,400.00	\$275.00	\$34,925.00	\$207.00	\$26,289.00
15	455	Combination Curb and Gutter	540	L.F.	\$15.00	\$8,100.00	\$23.00	\$12,420.00	\$30.00	\$16,200.00	\$24.00	\$12,960.00
16	455	6" x 18" Curb	700	L.F.	\$15.00	\$10,500.00	\$16.00	\$11,200.00	\$25.00	\$17,500.00	\$20.00	\$14,000.00
17	456	Concrete Aprons, 6" Thick	300	S.F.	\$6.00	\$1,800.00	\$7.00	\$2,100.00	\$7.00	\$2,100.00	\$6.50	\$1,950.00
18	456	Concrete Walk, 4" Thick	350	S.F.	\$5.00	\$1,750.00	\$5.00	\$1,750.00	\$6.00	\$2,100.00	\$5.50	\$1,925.00
19	456	Concrete Walk, 6" Thick	2000	S.F.	\$6.00	\$12,000.00	\$6.00	\$12,000.00	\$7.00	\$14,000.00	\$6.00	\$12,000.00
20	456	Curb Ramps	9	EACH	\$200.00	\$1,800.00	\$550.00	\$4,950.00	\$500.00	\$4,500.00	\$1,500.00	\$13,500.00
21	503	Cofferdams, Cribs and Sheeting	1	L.S.	\$150,000.00	\$150,000.00	\$3,000.00	\$3,000.00	\$49,000.00	\$49,000.00	\$1.00	\$1.00
22	552	12 inch Storm Sewer, Type A, Class A Bedding	20	L.F.	\$100.00	\$2,000.00	\$210.00	\$4,200.00	\$100.00	\$2,000.00	\$171.00	\$3,420.00
23	552	12 inch Storm Sewer, Type A, Class B Bedding	60	L.F.	\$100.00	\$6,000.00	\$130.00	\$7,800.00	\$110.00	\$6,600.00	\$115.00	\$6,900.00
24	552	30 inch Storm Sewer, Type A, Calss B Bedding	389	L.F.	\$270.00	\$105,030.00	\$125.00	\$48,625.00	\$115.00	\$44,735.00	\$138.00	\$53,682.00
25	552	30 inch Storm Sewer, Type B, Calss B Bedding	44	L.F.	\$270.00	\$11,880.00	\$155.00	\$6,820.00	\$185.00	\$8,140.00	\$276.00	\$12,144.00
26	553	12 inch Inlet Connection, RCP, Class "B" Bedding	75	L.F.	\$100.00	\$7,500.00	\$95.00	\$7,125.00	\$110.00	\$8,250.00	\$117.00	\$8,775.00
27	557	8 inch Sanitary Sewer, Class B Bedding	2810	L.F.	\$100.00	\$281,000.00	\$170.00	\$477,700.00	\$130.00	\$365,300.00	\$240.50	\$675,805.00
28	557	12 inch Sanitary Sewer, Class B Bedding	521	L.F.	\$150.00	\$78,150.00	\$130.00	\$67,730.00	\$124.00	\$64,604.00	\$103.00	\$53,663.00
29	557	12 inch Sanitary Sewer, Class B Bedding, Restrained Joint:	221	L.F.	\$500.00	\$110,500.00	\$215.00	\$47,515.00	\$145.00	\$32,045.00	\$125.00	\$27,625.00
30	559	6 inch Pipe Reconnections, VCP, Class B Bedding	330	L.F.	\$125.00	\$41,250.00	\$95.00	\$31,350.00	\$30.00	\$9,900.00	\$278.00	\$91,740.00
31	559	6 inch Pipe Bends, VCP, Class B Bedding	660	EACH	\$70.00	\$46,200.00	\$45.00	\$29,700.00	\$5.00	\$3,300.00	\$0.10	\$66.00
32	560	6 inch House Lateral	2	EACH	\$4,000.00	\$8,000.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$9,000.00	\$18,000.00
33	560	Stack 6 inch encased	50	L.F.	\$125.00	\$6,250.00	\$150.00	\$7,500.00	\$30.00	\$1,500.00	\$82.00	\$4,100.00
34	562	Manhole MH-2A on Sanitary Sewer	18	EACH	\$4,000.00	\$72,000.00	\$4,000.00	\$72,000.00	\$3,000.00	\$54,000.00	\$3,870.00	\$69,660.00
35	562	Manhole MH-2A on Storm Sewer	2	EACH	\$4,000.00	\$8,000.00	\$3,100.00	\$6,200.00	\$2,800.00	\$5,600.00	\$2,100.00	\$4,200.00
36	562	Manhole MH-2C on Storm Sewer	2	EACH	\$6,000.00	\$12,000.00	\$5,800.00	\$11,600.00	\$5,000.00	\$10,000.00	\$5,650.00	\$11,300.00
37	562	Manhole Adjusted	10	EACH	\$1,000.00	\$10,000.00	\$500.00	\$5,000.00	\$250.00	\$2,500.00	\$350.00	\$3,500.00
38	562	Manhole Reconstructed, on 36" Storm Sewer	1	EACH	\$4,000.00	\$4,000.00	\$12,000.00	\$12,000.00	\$3,500.00	\$3,500.00	\$18,015.00	\$18,015.00
39	563	Inlet Reconstructed	2	EACH	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00	\$2,500.00	\$5,000.00
40	563	No. 5 Inlet	29	EACH	\$2,500.00	\$72,500.00	\$1,400.00	\$40,600.00	\$2,000.00	\$58,000.00	\$510.00	\$14,790.00
41	601	Dump Rock Rill, Type B, Grouted in place	250	C.Y.	\$100.00	\$25,000.00	\$145.00	\$36,250.00	\$85.00	\$21,250.00	\$50.00	\$12,500.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Construction		2. Lockhart Concrete		*3.H.M. Miller Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
42	602	Concrete Masonry	20	C.Y.	\$500.00	\$10,000.00	\$100.00	\$2,000.00	\$400.00	\$8,000.00	\$120.00	\$2,400.00
43	603	Limestone for Driveway Reconstruction, 6" thick	2412	S.Y.	\$10.00	\$24,120.00	\$0.01	\$24.12	\$6.00	\$14,472.00	\$0.10	\$241.20
44	604	Bank Run Gravel	3506	C.Y.	\$30.00	\$105,180.00	\$0.01	\$35.06	\$5.00	\$17,530.00	\$0.10	\$350.60
45	614	Maintaining Traffic	1	L.S.	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$109,000.00	\$109,000.00	\$8,100.00	\$8,100.00
46	619	Field Office	1	L.S.	\$10,000.00	\$10,000.00	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00
47	623	Construction Layout Stakes	1	L.S.	\$30,000.00	\$30,000.00	\$15,000.00	\$15,000.00	\$77,000.00	\$77,000.00	\$55,000.00	\$55,000.00
48	624	Mobilization	1	L.S.	\$200,000.00	\$200,000.00	\$50,000.00	\$50,000.00	\$69,000.00	\$69,000.00	\$124,700.00	\$124,700.00
49	659	Seeding and Mulching	1000	S.Y.	\$6.00	\$6,000.00	\$5.00	\$5,000.00	\$2.00	\$2,000.00	\$3.50	\$3,500.00
50	SPEC	12 inch CIPPL	866	L.F.	\$45.00	\$38,970.00	\$54.00	\$46,764.00	\$60.00	\$51,960.00	\$53.00	\$45,898.00
51	SPEC	18 inch CIPPL	590	L.F.	\$72.00	\$42,480.00	\$70.00	\$41,300.00	\$70.00	\$41,300.00	\$68.00	\$40,120.00
52	SPEC	24 inch CIPPL	1150	L.F.	\$110.00	\$126,500.00	\$103.00	\$118,450.00	\$115.00	\$132,250.00	\$100.00	\$115,000.00
53	SPEC	30 inch CIPPL	500	L.F.	\$130.00	\$65,000.00	\$190.00	\$95,000.00	\$155.00	\$77,500.00	\$158.00	\$79,000.00
54	SPEC	36 inch CIPPL	215	L.F.	\$160.00	\$34,400.00	\$230.00	\$49,450.00	\$350.00	\$75,250.00	\$184.00	\$39,560.00
55	SPEC	Bypass Pumping	1	L.S.	\$150,000.00	\$150,000.00	\$10,000.00	\$10,000.00	\$105,000.00	\$105,000.00	\$32,600.00	\$32,600.00
56	SPEC	Cleaning of Sewers	1	L.S.	\$30,000.00	\$30,000.00	\$6,500.00	\$6,500.00	\$49,000.00	\$49,000.00	\$2,100.00	\$2,100.00
57	SPEC	Existing Manhole Rehabilitation	100	L.F.	\$500.00	\$50,000.00	\$700.00	\$70,000.00	\$1,000.00	\$100,000.00	\$775.00	\$77,500.00
58	SPEC	Level Spreader	2	EACH	\$1,000.00	\$2,000.00	\$2,500.00	\$5,000.00	\$500.00	\$1,000.00	\$2,775.00	\$5,550.00
ALTERNATE #1												
(substitutes a portion of line item 24)												
ALT#1	SPEC	8 inch CIPPL	1077	L.F.	\$45.00	\$48,465.00	\$50.00	\$53,850.00	\$55.00	\$59,235.00	\$40.00	\$43,080.00
ALTERNATE #2												
(substitutes line item 51)												
ALT#2	552	30 inch Storm Sewer, Type B, Calss B Bedding	215	L.F.	\$270.00	\$58,050.00	\$155.00	\$33,325.00	\$115.00	\$24,725.00	\$190.00	\$40,850.00
	562	Manhole MH-2C on Storm Sewer	1	EACH	\$6,000.00	\$6,000.00	\$6,400.00	\$6,400.00	\$5,000.00	\$5,000.00	\$5,935.00	\$5,935.00
TOTAL CONSTRUCTION COSTS						\$2,321,023.00		\$1,767,602.94		\$1,948,797.00		\$2,052,119.20
+/- ENGINEER'S ESTIMATE								-23.8%		-16.0%		-11.6%
ALTERNATE #1												
TOTAL CONSTRUCTION COSTS						\$48,465.00		\$53,850.00		\$59,235.00		\$43,080.00
+/- ENGINEER'S ESTIMATE								+11.1%		+22.2%		-11.1%

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	1. Kenmore Construction PRICE	1. Kenmore Construction AMOUNT	2. Lockhart Concrete PRICE	2. Lockhart Concrete AMOUNT	*3.H.M. Miller Construction PRICE	*3.H.M. Miller Construction AMOUNT
<u>ALTERNATE #2</u>												
TOTAL CONSTRUCTION COSTS						\$64,050.00	\$39,725.00		\$29,725.00			\$46,785.00
+/- ENGINEER'S ESTIMATE							-38.0%		-53.6%			-27.0%

* PLA Letter of Assent to the Project Labor Agreement - incomplete

**Ref #33 total is incorrect. Unofficial Construction Cost Total is incorrect, PLA Letter of Assent to the Project Labor Agreement - incomplete

***PLA Letter of Assent to the Project Labor Agreement - incomplete

****Ref #'s 12, 24, 55 & 56 corrections were initialed but not dated. Ref # 27 Total Item Cost Total is incorrect. Unofficial Construction Cost Total is incorrect. PLA Letter of Assent to the Project Labor Agreement - incomplete.

*****Ref # 30 Total Item Cost Total is incorrect. Unofficial Construction Cost Total is incorrect.

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		**4. Fabrizi Trucking & Paving		***5. 1127 Construction, Inc.		****6. S.E.T., Inc.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$60,000.00	\$60,000.00	\$16,000.00	\$16,000.00	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00
2	201	Clearing and Grubbing	1	L.S.	\$1,000.00	\$1,000.00	\$85,000.00	\$85,000.00	\$75,000.00	\$75,000.00	\$80,000.00	\$80,000.00
3	202	Pipe Removed	30	L.F.	\$5.00	\$150.00	\$15.00	\$450.00	\$10.00	\$300.00	\$28.00	\$840.00
4	202	Pipe Abandoned	120	L.F.	\$6.00	\$720.00	\$10.00	\$1,200.00	\$5.00	\$600.00	\$24.00	\$2,880.00
5	202	Wearing Course Removed	3668	S.Y.	\$4.00	\$14,672.00	\$2.00	\$7,336.00	\$2.75	\$10,087.00	\$5.00	\$18,340.00
6	203	Excavation Including Embankment Construction	7076	C.Y.	\$20.00	\$141,520.00	\$0.10	\$707.60	\$15.00	\$106,140.00	\$9.00	\$63,684.00
7	207	Filter Fabric Fence	3000	L.F.	\$6.00	\$18,000.00	\$2.50	\$7,500.00	\$5.00	\$15,000.00	\$3.00	\$9,000.00
8	207	Temporary Seeding and Mulching	1000	S.Y.	\$6.00	\$6,000.00	\$1.00	\$1,000.00	\$10.00	\$10,000.00	\$1.00	\$1,000.00
9	254	12 inch Ductile Iron Pipe	10	L.F.	\$200.00	\$2,000.00	\$200.00	\$2,000.00	\$500.00	\$5,000.00	\$389.00	\$3,890.00
10	259	12 inch 45 degree bend	2	EACH	\$800.00	\$1,600.00	\$375.00	\$750.00	\$500.00	\$1,000.00	\$584.00	\$1,168.00
11	259	12 inch solid sleeve	2	EACH	\$1,000.00	\$2,000.00	\$650.00	\$1,300.00	\$500.00	\$1,000.00	\$425.00	\$850.00
12	266	Tapping Water Mains & Installing Services	1000	L.F.	\$15.00	\$15,000.00	\$85.00	\$85,000.00	\$75.00	\$75,000.00	\$93.00	\$93,000.00
13	407	Tack Coat	734	GAL.	\$1.50	\$1,101.00	\$3.00	\$2,202.00	\$2.50	\$1,835.00	\$1.50	\$1,101.00
14	448	Asphalt Concrete Surface Course, 1-1/4 inch thick	127	C.Y.	\$200.00	\$25,400.00	\$300.00	\$38,100.00	\$180.00	\$22,860.00	\$253.00	\$32,131.00
15	455	Combination Curb and Gutter	540	L.F.	\$15.00	\$8,100.00	\$36.00	\$19,440.00	\$25.00	\$13,500.00	\$37.00	\$19,980.00
16	455	6" x 18" Curb	700	L.F.	\$15.00	\$10,500.00	\$33.00	\$23,100.00	\$24.00	\$16,800.00	\$34.00	\$23,800.00
17	456	Concrete Aprons, 6" Thick	300	S.F.	\$6.00	\$1,800.00	\$8.00	\$2,400.00	\$7.50	\$2,250.00	\$9.00	\$2,700.00
18	456	Concrete Walk, 4" Thick	350	S.F.	\$5.00	\$1,750.00	\$5.00	\$1,750.00	\$7.00	\$2,450.00	\$8.00	\$2,800.00
19	456	Concrete Walk, 6" Thick	2000	S.F.	\$6.00	\$12,000.00	\$6.00	\$12,000.00	\$7.25	\$14,500.00	\$9.00	\$18,000.00
20	456	Curb Ramps	9	EACH	\$200.00	\$1,800.00	\$1,200.00	\$10,800.00	\$500.00	\$4,500.00	\$986.00	\$8,874.00
21	503	Cofferdams, Cribs and Sheeting	1	L.S.	\$150,000.00	\$150,000.00	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00	\$75,000.00	\$75,000.00
22	552	12 inch Storm Sewer, Type A, Class A Bedding	20	L.F.	\$100.00	\$2,000.00	\$125.00	\$2,500.00	\$350.00	\$7,000.00	\$96.00	\$1,920.00
23	552	12 inch Storm Sewer, Type A, Class B Bedding	60	L.F.	\$100.00	\$6,000.00	\$125.00	\$7,500.00	\$55.00	\$3,300.00	\$95.00	\$5,700.00
24	552	30 inch Storm Sewer, Type A, Calss B Bedding	389	L.F.	\$270.00	\$105,030.00	\$146.00	\$56,794.00	\$125.00	\$48,625.00	\$104.00	\$40,456.00
25	552	30 inch Storm Sewer, Type B, Calss B Bedding	44	L.F.	\$270.00	\$11,880.00	\$146.00	\$6,424.00	\$125.00	\$5,500.00	\$84.00	\$3,696.00
26	553	12 inch Inlet Connection, RCP, Class "B" Bedding	75	L.F.	\$100.00	\$7,500.00	\$125.00	\$9,375.00	\$100.00	\$7,500.00	\$101.00	\$7,575.00
27	557	8 inch Sanitary Sewer, Class B Bedding	2810	L.F.	\$100.00	\$281,000.00	\$170.00	\$477,700.00	\$225.00	\$632,250.00	\$225.00	\$632,250.00
28	557	12 inch Sanitary Sewer, Class B Bedding	521	L.F.	\$150.00	\$78,150.00	\$138.00	\$71,898.00	\$200.00	\$104,200.00	\$87.00	\$45,327.00
29	557	12 inch Sanitary Sewer, Class B Bedding, Restrained Joint:	221	L.F.	\$500.00	\$110,500.00	\$158.00	\$34,918.00	\$150.00	\$33,150.00	\$130.00	\$28,730.00
30	559	6 inch Pipe Reconnections, VCP, Class B Bedding	330	L.F.	\$125.00	\$41,250.00	\$145.00	\$47,850.00	\$150.00	\$49,500.00	\$125.00	\$41,250.00
31	559	6 inch Pipe Bends, VCP, Class B Bedding	660	EACH	\$70.00	\$46,200.00	\$65.00	\$42,900.00	\$125.00	\$82,500.00	\$30.00	\$19,800.00
32	560	6 inch House Lateral	2	EACH	\$4,000.00	\$8,000.00	\$3,000.00	\$6,000.00	\$2,500.00	\$5,000.00	\$3,500.00	\$7,000.00
33	560	Stack 6 inch encased	50	L.F.	\$125.00	\$6,250.00	\$40.00	\$2,000.00	\$100.00	\$5,000.00	\$25.00	\$1,250.00
34	562	Manhole MH-2A on Sanitary Sewer	18	EACH	\$4,000.00	\$72,000.00	\$4,750.00	\$85,500.00	\$3,500.00	\$63,000.00	\$3,956.00	\$71,208.00
35	562	Manhole MH-2A on Storm Sewer	2	EACH	\$4,000.00	\$8,000.00	\$4,340.00	\$8,680.00	\$3,500.00	\$7,000.00	\$3,370.00	\$6,740.00
36	562	Manhole MH-2C on Storm Sewer	2	EACH	\$6,000.00	\$12,000.00	\$7,830.00	\$15,660.00	\$4,500.00	\$9,000.00	\$6,270.00	\$12,540.00
37	562	Manhole Adjusted	10	EACH	\$1,000.00	\$10,000.00	\$850.00	\$8,500.00	\$750.00	\$7,500.00	\$668.00	\$6,680.00
38	562	Manhole Reconstructed, on 36" Storm Sewer	1	EACH	\$4,000.00	\$4,000.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$2,511.00	\$2,511.00
39	563	Inlet Reconstructed	2	EACH	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00	\$2,500.00	\$5,000.00	\$1,927.00	\$3,854.00
40	563	No. 5 Inlet	29	EACH	\$2,500.00	\$72,500.00	\$4,000.00	\$116,000.00	\$3,000.00	\$87,000.00	\$2,697.00	\$78,213.00
41	601	Dump Rock Rill, Type B, Grouted in place	250	C.Y.	\$100.00	\$25,000.00	\$165.00	\$41,250.00	\$200.00	\$50,000.00	\$138.00	\$34,500.00

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					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
42	602	Concrete Masonry	20	C.Y.	\$500.00	\$10,000.00	\$350.00	\$7,000.00	\$350.00	\$7,000.00	\$242.00	\$4,840.00
43	603	Limestone for Driveway Reconstruction, 6" thick	2412	S.Y.	\$10.00	\$24,120.00	\$8.00	\$19,296.00	\$15.00	\$36,180.00	\$11.00	\$26,532.00
44	604	Bank Run Gravel	3506	C.Y.	\$30.00	\$105,180.00	\$1.00	\$3,506.00	\$1.00	\$3,506.00	\$5.00	\$17,530.00
45	614	Maintaining Traffic	1	L.S.	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$40,000.00	\$40,000.00
46	619	Field Office	1	L.S.	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00	\$15,989.00	\$15,989.00
47	623	Construction Layout Stakes	1	L.S.	\$30,000.00	\$30,000.00	\$8,500.00	\$8,500.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00
48	624	Mobilization	1	L.S.	\$200,000.00	\$200,000.00	\$120,000.00	\$120,000.00	\$50,000.00	\$50,000.00	\$225,000.00	\$225,000.00
49	659	Seeding and Mulching	1000	S.Y.	\$6.00	\$6,000.00	\$6.50	\$6,500.00	\$12.00	\$12,000.00	\$3.00	\$3,000.00
50	SPEC	12 inch CIPPL	866	L.F.	\$45.00	\$38,970.00	\$55.00	\$47,630.00	\$60.00	\$51,960.00	\$58.00	\$50,228.00
51	SPEC	18 inch CIPPL	590	L.F.	\$72.00	\$42,480.00	\$105.00	\$61,950.00	\$70.00	\$41,300.00	\$75.00	\$44,250.00
52	SPEC	24 inch CIPPL	1150	L.F.	\$110.00	\$126,500.00	\$143.00	\$164,450.00	\$105.00	\$120,750.00	\$109.00	\$125,350.00
53	SPEC	30 inch CIPPL	500	L.F.	\$130.00	\$65,000.00	\$190.00	\$95,000.00	\$160.00	\$80,000.00	\$173.00	\$86,500.00
54	SPEC	36 inch CIPPL	215	L.F.	\$160.00	\$34,400.00	\$218.00	\$46,870.00	\$185.00	\$39,775.00	\$201.00	\$43,215.00
55	SPEC	Bypass Pumping	1	L.S.	\$150,000.00	\$150,000.00	\$45,000.00	\$45,000.00	\$25,000.00	\$25,000.00	\$100,000.00	\$100,000.00
56	SPEC	Cleaning of Sewers	1	L.S.	\$30,000.00	\$30,000.00	\$60,000.00	\$60,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
57	SPEC	Existing Manhole Rehabilitation	100	L.F.	\$500.00	\$50,000.00	\$775.00	\$77,500.00	\$750.00	\$75,000.00	\$800.00	\$80,000.00
58	SPEC	Level Spreader	2	EACH	\$1,000.00	\$2,000.00	\$2,500.00	\$5,000.00	\$5,000.00	\$10,000.00	\$1,534.00	\$3,068.00
ALTERNATE #1												
(substitutes a portion of line item 24)												
ALT#1	SPEC	8 inch CIPPL	1077	L.F.	\$45.00	\$48,465.00	\$55.00	\$59,235.00	\$60.00	\$64,620.00	\$44.00	\$47,388.00
ALTERNATE #2												
(substitutes line item 51)												
ALT#2	552	30 inch Storm Sewer, Type B, Calss B Bedding	215	L.F.	\$270.00	\$58,050.00	\$175.00	\$37,625.00	\$225.00	\$48,375.00	\$175.00	\$37,625.00
	562	Manhole MH-2C on Storm Sewer	1	EACH	\$6,000.00	\$6,000.00	\$9,500.00	\$9,500.00	\$3,000.00	\$3,000.00	\$5,259.00	\$5,259.00
TOTAL CONSTRUCTION COSTS						\$2,321,023.00		\$2,168,186.60		\$2,257,318.00		\$2,445,740.00
+/- ENGINEER'S ESTIMATE								-6.6%		-2.7%		+5.4%
ALTERNATE #1												
TOTAL CONSTRUCTION COSTS						\$48,465.00		\$59,235.00		\$64,620.00		\$47,388.00
+/- ENGINEER'S ESTIMATE								+22.2%		+33.3%		-2.2%

BID TAB FOR: CSO Rack 30 Sewer Separation

FILE NO. 2012-061-00

BID DATE: August 16, 2016

CODE: 51002-P12043

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	**4. Fabrizi Trucking & Paving PRICE	**4. Fabrizi Trucking & Paving AMOUNT	***5. 1127 Construction, Inc. PRICE	***5. 1127 Construction, Inc. AMOUNT	****6. S.E.T., Inc. PRICE	****6. S.E.T., Inc. AMOUNT
<u>ALTERNATE #2</u>												
TOTAL CONSTRUCTION COSTS						\$64,050.00	\$47,125.00		\$51,375.00			\$42,884.00
+/- ENGINEER'S ESTIMATE								-26.4%		-19.8%		-33.0%

* PLA Letter of Assent to the Project Labor Agreement - incomplete

**Ref #33 total is incorrect. Unofficial Construction Cost Total is incorrect, PLA Letter of Assent to the Project Labor Agreement - incomplete

***PLA Letter of Assent to the Project Labor Agreement - incomplete

****Ref #'s 12, 24, 55 & 56 corrections were initiated but not dated. Ref # 27 Total Item Cost Total is incorrect. Unofficial Construction Cost

*****Ref # 30 Total Item Cost Total is incorrect. Unofficial Construction Cost Total is incorrect.

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*****7. Liberta Construction	
					PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$60,000.00	\$60,000.00	\$24,000.00	\$24,000.00
2	201	Clearing and Grubbing	1	L.S.	\$1,000.00	\$1,000.00	\$30,000.00	\$30,000.00
3	202	Pipe Removed	30	L.F.	\$5.00	\$150.00	\$50.00	\$1,500.00
4	202	Pipe Abandoned	120	L.F.	\$6.00	\$720.00	\$50.00	\$6,000.00
5	202	Wearing Course Removed	3668	S.Y.	\$4.00	\$14,672.00	\$2.75	\$10,087.00
6	203	Excavation Including Embankment Construction	7076	C.Y.	\$20.00	\$141,520.00	\$3.00	\$21,228.00
7	207	Filter Fabric Fence	3000	L.F.	\$6.00	\$18,000.00	\$2.00	\$6,000.00
8	207	Temporary Seeding and Mulching	1000	S.Y.	\$6.00	\$6,000.00	\$1.50	\$1,500.00
9	254	12 inch Ductile Iron Pipe	10	L.F.	\$200.00	\$2,000.00	\$850.00	\$8,500.00
10	259	12 inch 45 degree bend	2	EACH	\$800.00	\$1,600.00	\$450.00	\$900.00
11	259	12 inch solid sleeve	2	EACH	\$1,000.00	\$2,000.00	\$450.00	\$900.00
12	266	Tapping Water Mains & Installing Services	1000	L.F.	\$15.00	\$15,000.00	\$105.00	\$105,000.00
13	407	Tack Coat	734	GAL.	\$1.50	\$1,101.00	\$1.10	\$807.40
14	448	Asphalt Concrete Surface Course, 1-1/4 inch thick	127	C.Y.	\$200.00	\$25,400.00	\$218.00	\$27,686.00
15	455	Combination Curb and Gutter	540	L.F.	\$15.00	\$8,100.00	\$30.00	\$16,200.00
16	455	6" x 18" Curb	700	L.F.	\$15.00	\$10,500.00	\$25.00	\$17,500.00
17	456	Concrete Aprons, 6" Thick	300	S.F.	\$6.00	\$1,800.00	\$6.50	\$1,950.00
18	456	Concrete Walk, 4" Thick	350	S.F.	\$5.00	\$1,750.00	\$6.50	\$2,275.00
19	456	Concrete Walk, 6" Thick	2000	S.F.	\$6.00	\$12,000.00	\$6.50	\$13,000.00
20	456	Curb Ramps	9	EACH	\$200.00	\$1,800.00	\$275.00	\$2,475.00
21	503	Cofferdams, Cribs and Sheeting	1	L.S.	\$150,000.00	\$150,000.00	\$2,000.00	\$2,000.00
22	552	12 inch Storm Sewer, Type A, Class A Bedding	20	L.F.	\$100.00	\$2,000.00	\$250.00	\$5,000.00
23	552	12 inch Storm Sewer, Type A, Class B Bedding	60	L.F.	\$100.00	\$6,000.00	\$225.00	\$13,500.00
24	552	30 inch Storm Sewer, Type A, Class B Bedding	389	L.F.	\$270.00	\$105,030.00	\$250.00	\$97,250.00
25	552	30 inch Storm Sewer, Type B, Class B Bedding	44	L.F.	\$270.00	\$11,880.00	\$250.00	\$11,000.00
26	553	12 inch Inlet Connection, RCP, Class "B" Bedding	75	L.F.	\$100.00	\$7,500.00	\$126.00	\$9,450.00
27	557	8 inch Sanitary Sewer, Class B Bedding	2810	L.F.	\$100.00	\$281,000.00	\$300.00	\$843,000.00
28	557	12 inch Sanitary Sewer, Class B Bedding	521	L.F.	\$150.00	\$78,150.00	\$300.00	\$156,300.00
29	557	12 inch Sanitary Sewer, Class B Bedding, Restrained Joint	221	L.F.	\$500.00	\$110,500.00	\$500.00	\$110,500.00
30	559	6 inch Pipe Reconstructions, VCP, Class B Bedding	330	L.F.	\$125.00	\$41,250.00	\$400.00	\$132,000.00
31	559	6 inch Pipe Bends, VCP, Class B Bedding	660	EACH	\$70.00	\$46,200.00	\$45.00	\$29,700.00
32	560	6 inch House Lateral	2	EACH	\$4,000.00	\$8,000.00	\$6,000.00	\$12,000.00
33	560	Stack 6 inch encased	50	L.F.	\$125.00	\$6,250.00	\$208.00	\$10,400.00
34	562	Manhole MH-2A on Sanitary Sewer	18	EACH	\$4,000.00	\$72,000.00	\$2,500.00	\$45,000.00
35	562	Manhole MH-2A on Storm Sewer	2	EACH	\$4,000.00	\$8,000.00	\$2,200.00	\$4,400.00
36	562	Manhole MH-2C on Storm Sewer	2	EACH	\$6,000.00	\$12,000.00	\$2,200.00	\$4,400.00
37	562	Manhole Adjusted	10	EACH	\$1,000.00	\$10,000.00	\$550.00	\$5,500.00
38	562	Manhole Reconstructed, on 36" Storm Sewer	1	EACH	\$4,000.00	\$4,000.00	\$5,500.00	\$5,500.00
39	563	Inlet Reconstructed	2	EACH	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00
40	563	No. 5 Inlet	29	EACH	\$2,500.00	\$72,500.00	\$1,300.00	\$37,700.00
41	601	Dump Rock Rill, Type B, Grouted in place	250	C.Y.	\$100.00	\$25,000.00	\$210.00	\$52,500.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*****7. Liberta Construction	
					PRICE	AMOUNT	PRICE	AMOUNT
42	602	Concrete Masonry	20	C.Y.	\$500.00	\$10,000.00	\$300.00	\$6,000.00
43	603	Limestone for Driveway Reconstruction, 6" thick	2412	S.Y.	\$10.00	\$24,120.00	\$5.25	\$12,663.00
44	604	Bank Run Gravel	3506	C.Y.	\$30.00	\$105,180.00	\$12.00	\$42,072.00
45	614	Maintaining Traffic	1	L.S.	\$10,000.00	\$10,000.00	\$35,000.00	\$35,000.00
46	619	Field Office	1	L.S.	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00
47	623	Construction Layout Stakes	1	L.S.	\$30,000.00	\$30,000.00	\$28,600.00	\$28,600.00
48	624	Mobilization	1	L.S.	\$200,000.00	\$200,000.00	\$40,000.00	\$40,000.00
49	659	Seeding and Mulching	1000	S.Y.	\$6.00	\$6,000.00	\$1.50	\$1,500.00
50	SPEC	12 inch CIPPL	866	L.F.	\$45.00	\$38,970.00	\$55.00	\$47,630.00
51	SPEC	18 inch CIPPL	590	L.F.	\$72.00	\$42,480.00	\$72.00	\$42,480.00
52	SPEC	24 inch CIPPL	1150	L.F.	\$110.00	\$126,500.00	\$105.00	\$120,750.00
53	SPEC	30 inch CIPPL	500	L.F.	\$130.00	\$65,000.00	\$165.00	\$82,500.00
54	SPEC	36 inch CIPPL	215	L.F.	\$160.00	\$34,400.00	\$193.00	\$41,495.00
55	SPEC	Bypass Pumping	1	L.S.	\$150,000.00	\$150,000.00	\$2,200.00	\$2,200.00
56	SPEC	Cleaning of Sewers	1	L.S.	\$30,000.00	\$30,000.00	\$2,200.00	\$2,200.00
57	SPEC	Existing Manhole Rehabilitation	100	L.F.	\$500.00	\$50,000.00	\$743.00	\$74,300.00
58	SPEC	Level Spreader	2	EACH	\$1,000.00	\$2,000.00	\$150.00	\$300.00
<u>ALTERNATE #1</u>								
(substitutes a portion of line item 24)								
ALT#1	SPEC	8 inch CIPPL	1077	L.F.	\$45.00	\$48,465.00	\$42.00	\$45,234.00
<u>ALTERNATE #2</u>								
(substitutes line item 51)								
ALT#2	552	30 inch Storm Sewer, Type B, Calss B Bedding	215	L.F.	\$270.00	\$58,050.00	\$125.00	\$26,875.00
	562	Manhole MH-2C on Storm Sewer	1	EACH	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00
TOTAL CONSTRUCTION COSTS						\$2,321,023.00		\$2,471,298.40
+/- ENGINEER'S ESTIMATE								+6.5%
<u>ALTERNATE #1</u>								
TOTAL CONSTRUCTION COSTS						\$48,465.00		\$45,234.00
+/- ENGINEER'S ESTIMATE								-6.7%

BID TAB FOR: CSO Rack 30 Sewer Separation

FILE NO. 2012-061-00

BID DATE: August 16, 2016

CODE: 51002-P12043

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	*****7. Liberta Construction PRICE	*****7. Liberta Construction AMOUNT
					<u>ALTERNATE #2</u>			
TOTAL CONSTRUCTION COSTS						\$64,050.00		\$31,875.00
+/- ENGINEER'S ESTIMATE								-50.2%

* PLA Letter of Assent to the Project Labor Agreement - incomplete

**Ref #33 total is incorrect. Unofficial Construction Cost Total is incorrect, PLA Letter of Assent to the Project Labor Agreement - incomplete

***PLA Letter of Assent to the Project Labor Agreement - incomplete

****Ref #'s 12, 24, 55 & 56 corrections were initialed but not dated. Ref # 27 Total Item Cost Total is incorrect. Unofficial Construction Cos

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