

Ref. No.	Item No.	Description	Qty.	Unit	ENGINEER'S ESTIMATE		Complete General Const		Kokosing Const Co.	
					Price	Amount	Price	Amount	Price	Amount
1	201	Clearing & Grubbing	1	EA	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00
2	202	8" Pipe Removed & Disposed of	1,169	LF	\$11.00	\$12,859.00	\$10.00	\$11,690.00	\$0.01	\$11.69
3	202	8" Pipe Filled, Sealed, Abandoned	786	LF	\$25.00	\$19,650.00	\$7.50	\$5,895.00	\$3.00	\$2,358.00
4	252	Manhole Removed and Disposed of	8	EA	\$500.00	\$4,000.00	\$650.00	\$5,200.00	\$150.00	\$1,200.00
5	202	Manhole Abandoned	2	EA	\$1,500.00	\$3,000.00	\$600.00	\$1,200.00	\$1,300.00	\$2,600.00
6	202	Pavement Removed and Disposed of (All Types)	619	SY	\$20.00	\$12,380.00	\$10.00	\$6,190.00	\$9.00	\$5,571.00
7	202	Driveway Removed and Disposed of (All Types)	338	SY	\$10.00	\$3,380.00	\$10.00	\$3,380.00	\$25.00	\$8,450.00
8	203	Subgrade Compaction (Temporary)	1,265	SY	\$4.00	\$5,060.00	\$2.00	\$2,530.00	\$10.00	\$12,650.00
9	207	Temporary Sediment & Erosion Control	1	LS	\$20,000.00	\$20,000.00	\$2,500.00	\$2,500.00	\$7,500.00	\$7,500.00
10	254	1-1/4" Pavement Planing	2,291	SY	\$5.00	\$11,455.00	\$3.00	\$6,873.00	\$3.00	\$6,873.00
11	301	7" Bituminous Aggregate Base	315	CY	\$70.00	\$22,050.00	\$78.00	\$24,570.00	\$95.00	\$29,925.00
12	304	6" Aggregate Base (Temporary Pavement on Shoulder)*	1,200	CY	\$50.00	\$60,000.00	\$11.00	\$13,200.00	\$12.00	\$14,400.00
13	304	6" Aggregate Base (Type IIIA Driveway)	178	CY	\$50.00	\$8,900.00	\$8.00	\$1,424.00	\$4.00	\$712.00
14	304	8" Aggregate Base (Type IIIC Driveway)	57	CY	\$60.00	\$3,420.00	\$11.00	\$627.00	\$5.00	\$285.00
15	305	7" Concrete Base	10	CY	\$120.00	\$1,200.00	\$260.00	\$2,600.00	\$200.00	\$2,000.00
16	404	1-1/4" Asphalt Concrete	159	TON	\$100.00	\$15,900.00	\$85.00	\$13,515.00	\$57.00	\$9,063.00
17	404	2" Asphalt Concrete	74	TON	\$120.00	\$8,880.00	\$80.00	\$5,920.00	\$85.00	\$6,290.00
18	404	2" Asphalt Concrete (Temporary Pavement on Shoulder)*	446	TON	\$120.00	\$53,520.00	\$75.00	\$33,450.00	\$60.00	\$26,760.00
19	404	2" Asphalt Concrete (Type IIIA Driveway)	20	TON	\$120.00	\$2,400.00	\$150.00	\$3,000.00	\$140.00	\$2,800.00
20	407	Tack Coat Applied @ 0.2 GAL/SY	385	GAL	\$5.00	\$1,925.00	\$1.50	\$577.50	\$1.50	\$577.50
21	408	Bituminous Prime Coat Applied @ 0.4 GAL/SY	490	GAL	\$6.00	\$2,940.00	\$2.50	\$1,225.00	\$3.00	\$1,470.00
22	408	Bituminous Prime Coat Applied @ 0.4 GAL/SY(Temp Pavement on Shoulder)*	590	GAL	\$6.00	\$3,540.00	\$2.50	\$1,475.00	\$3.00	\$1,770.00
23	413	Crack Sealing, Hot Applied	1,710	LF			\$1.80	\$3,078.00	\$2.50	\$4,275.00
24	452	6" Concrete Pavement (Type IIIB Driveway)	21	TON	\$125.00	\$2,625.00	\$100.00	\$2,100.00	\$112.00	\$2,352.00
25	604	Precast Manhole, Type C w/Outside Drop	4	EA	\$4,700.00	\$18,800.00	\$5,500.00	\$22,000.00	\$10,000.00	\$40,000.00
26	604	Precast Manhole, Type C	4	EA	\$5,500.00	\$22,000.00	\$5,000.00	\$20,000.00	\$6,000.00	\$24,000.00
27	604	Type "E" Manhole	1	EA	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00	\$25,000.00	\$25,000.00
28	604	Type "E" Manhole w/Outside Drop	1	EA	\$6,700.00	\$6,700.00	\$12,500.00	\$12,500.00	\$20,000.00	\$20,000.00
29	614	Maintenance of Traffic	1	LS	\$30,000.00	\$30,000.00	\$13,000.00	\$13,000.00	\$50,000.00	\$50,000.00
30	623	Construction Staking	1	LS	\$10,000.00	\$10,000.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
31	659	Seeding & Mulching	1	LS	\$15,000.00	\$15,000.00	\$9,000.00	\$9,000.00	\$12,000.00	\$12,000.00
32	809	Relocate Ex. Hydrant & Valve (Complete)	1	EA	\$1,250.00	\$1,250.00	\$1,750.00	\$1,750.00	\$2,000.00	\$2,000.00
33	901	12" San Swr (RCP-76 or PVC Pipe 720.01) San Swr w/Type I Bedding & Gran Backfill	1,681	LF	\$200.00	\$336,200.00	\$425.00	\$714,425.00	\$536.00	\$901,016.00
34	901	8" Sanitary Sewer w/Type I Bedding & Granular Backfill	18	LF	\$140.00	\$2,520.00	\$420.00	\$7,560.00	\$700.00	\$12,600.00
35	915	12" x 6" Service Wye Fitting	38	EA	\$300.00	\$11,400.00	\$1,400.00	\$53,200.00	\$2,200.00	\$83,600.00
36	915	12" x 8" Service Wye Fitting	2	EA	\$350.00	\$700.00	\$1,600.00	\$3,200.00	\$1,600.00	\$3,200.00
37	918	6" Service Lateral w/Type I Bedding	832	LF	\$70.00	\$58,240.00	\$70.00	\$58,240.00	\$10.00	\$8,320.00
38	918	8" Service Lateral w/Type I Bedding	20	LF	\$80.00	\$1,600.00	\$100.00	\$2,000.00	\$12.00	\$240.00
39	SS-3	Bypass Pumping	1	LS	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$1.00	\$1.00
40	SS-4	Sewer Cleaning	935	LF	\$10.00	\$9,350.00	\$7.50	\$7,012.50	\$8.00	\$7,480.00
41	SS-5	Open Cut Post Construction Video	1,680	LF	\$1.00	\$1,680.00	\$1.50	\$2,520.00	\$4.00	\$6,720.00
42	SS-8	Open Cut Point Repair of 8" Sewer	16	LF	\$500.00	\$8,000.00	\$750.00	\$12,000.00	\$2,000.00	\$32,000.00
43	SS-10	Manholes to be Rehabilitated	394	VF	\$230.00	\$90,620.00	\$150.00	\$59,100.00	\$145.00	\$57,130.00
44	SS-10	Replace MH Frame & Cover	25	EA	\$1,500.00	\$37,500.00	\$1,600.00	\$40,000.00	\$1,800.00	\$45,000.00
45	SS-10	Rehabilitate MH Bench & Channel	22	EA	\$1,200.00	\$26,400.00	\$475.00	\$10,450.00	\$450.00	\$9,900.00
46	SS-10	Manhole Adjusted to Grade	22	EA	\$1,850.00	\$40,700.00	\$750.00	\$16,500.00	\$1,145.00	\$25,190.00
47	SS-11	Dye Test Laterals	40	EA	\$350.00	\$14,000.00	\$220.00	\$8,800.00	\$175.00	\$7,000.00
48	SS-12	Reinstate Service Connections During CIPP	61	EA	\$500.00	\$30,500.00	\$50.00	\$3,050.00	\$160.00	\$9,760.00
49	SS-12	1.5mm Incremental Wall Thickness Increase (8" CIPP)	5,516	LF	\$3.00	\$16,548.00	\$0.01	\$55.16	\$0.01	\$55.16
50	SS-12	1.5mm Incremental Wall Thickness Increase (24" CIPP)	2,317	LF	\$6.00	\$13,902.00	\$0.01	\$23.17	\$0.01	\$23.17
51	SS-12	1.5mm Incremental Wall Thickness Increase (27" CIPP)	340	LF	\$6.50	\$2,210.00	\$0.01	\$3.40	\$0.01	\$3.40
52	SS-12	8" Sewer CIPP Installation (6mm Min Thickness)	5,516	LF	\$80.00	\$441,280.00	\$31.50	\$173,754.00	\$32.00	\$176,512.00
53	SS-12	24" Sewer CIPP Installation (12mm Min Thickness)	2,317	LF	\$120.00	\$278,040.00	\$78.00	\$180,726.00	\$85.00	\$196,945.00
54	SS-12	27" Sewer CIPP Installation (12mm Min Thickness)	340	LF	\$130.00	\$44,200.00	\$96.00	\$32,640.00	\$104.00	\$35,360.00
55	SPEC	Reconnect 6" Service Lateral	38	EA			\$2,500.00	\$95,000.00	\$1.00	\$38.00
56	SPEC	Reconnect 8" Service Lateral	2	EA			\$3,000.00	\$6,000.00	\$1.00	\$2.00
57	SPEC	Install an Inside Drop in Existing Manhole	1	EA			\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
SUB-TOTAL ITEMS 1 - 57						\$1,879,424.00		\$1,773,728.73		\$1,955,988.92

CONTINGENCY ITEMS										
58	202	Curb Removed and Disposed of (Contingency)	50	LF	\$6.00	\$300.00	\$5.00	\$250.00	\$50.00	\$2,500.00
59	604	Catch Basin Adjusted to Grade as Directed by Engineer (Contingency)	1	EA	\$800.00	\$800.00	\$550.00	\$550.00	\$1,200.00	\$1,200.00
60	609	Straight 18" Concrete Curb (Contingency)	50	LF	\$6.00	\$3,000.00	\$25.00	\$1,250.00	\$50.00	\$2,500.00
61	805	New Curb Box (Contingency)	1	EA	\$300.00	\$300.00	\$125.00	\$125.00	\$400.00	\$400.00
62	816	3/4" Water Service Tap Relocated/Repaired (Contingency)	1	EA	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$1,750.00	\$1,750.00
63	816	1" Water Service Tap Relocated/Repaired (Contingency)	1	EA	\$1,800.00	\$1,800.00	\$1,050.00	\$1,050.00	\$1,750.00	\$1,750.00
64	816	1-1/2" Water Service Tap Relocated/Repaired (Contingency)	1	EA	\$2,100.00	\$2,100.00	\$1,250.00	\$1,250.00	\$2,200.00	\$2,200.00
65	816	2" Water Service Tap Relocated/Repaired (Contingency)	1	EA	\$100.00	\$100.00	\$1,850.00	\$1,850.00	\$2,600.00	\$2,600.00
66	816	Water Service Tap Relocate/Repair (Contingency)	5	EA	\$120.00	\$600.00	\$1,000.00	\$5,000.00	\$400.00	\$2,000.00
67	903	Rock Excavation (Contingency)	1,000	CY	\$350.00	\$350,000.00	\$2.00	\$2,000.00	\$0.01	\$10.00
68	SS-6	Chemical Pressure Grouting (Contingency)	40	GAL	\$140.00	\$5,600.00	\$45.00	\$1,800.00	\$50.00	\$2,000.00
69	SS-7	Cementitious Grouting (Contingency)	10	CF	\$160.00	\$1,600.00	\$25.00	\$250.00	\$75.00	\$750.00
70	SS-10	MH Adjusted to Grade as Directed by Engineer (Cont)	1	EA			\$750.00	\$750.00	\$1,700.00	\$1,700.00
71	SS-12	Trim Protruding Lateral Sewer (Contingency)	10	EA			\$100.00	\$1,000.00	\$175.00	\$1,750.00
72	SPEC	Sanitary Service Relocate/Repair (Contingency)	5	EA			\$1,200.00	\$6,000.00	\$600.00	\$3,000.00
SUB-TOTAL ITEMS 58 -72						\$367,300.00		\$24,125.00		\$26,110.00
SUB-TOTAL ITEMS 1 - 57						\$1,879,424.00		\$1,773,728.73		\$1,955,988.92
SUB-TOTAL ITEMS 58 -72						\$367,300.00		\$24,125.00		\$26,110.00
FORCE ACCOUNT (.20 x Sum Items 1-57)						\$375,884.80		\$354,745.75		\$391,197.78
TOTAL PROJECT COSTS:						\$2,622,608.80		\$2,152,599.48		\$2,373,296.70
% DIFFERENCE FROM ENGINEER'S ESTIMATE						N/A		17.92%		9.51%
Bond Amount								\$285,000.00		10% TAB
Bonding Company								Liberty Mutual Ins Co.		Liberty Mutual Ins Co
Proposal Bond Amount Required								\$215,259.95		\$237,329.67
Contract Compliance No. (Page P-3C)								31-4366382		31-1023518
Non-Collusion Affidavit Completed? (Page P-29)								Yes		Yes
Local Vendor? (Page P-4)								Yes		Yes
Addendum Acknowledgement Completed? (Page P-4)(None)								N/A		N/A
Proposal Affidavit Completed? (Page P-34)								Yes		Yes

NOT PROVIDED ON THE ENGINEER'S ESTIMATE