

Ref. No.	Item No.	Description	Qty.	Unit	ENGINEER'S ESTIMATE		Kokosing		Insituform (MO)	
					Price	Amount	Price	Amount	Price	Amount
1	202	Clearing & Grubbing	1	LS	\$2,500.00	\$2,500.00	\$100.00	\$100.00	\$1,824.30	\$1,824.30
2	202	Catch BasinRemoved	3	EA	\$350.00	\$1,050.00	\$100.00	\$300.00	\$303.70	\$911.10
3	202	8" Pipe Filled in Place	112	LF	\$12.00	\$1,344.00	\$10.00	\$1,120.00	\$10.40	\$1,164.80
4	202	15" Pipe Filled in Place	12	LF	\$25.00	\$300.00	\$76.00	\$912.00	\$41.60	\$499.20
5	207	Temp Soil Erosion & Sediment Control	1	LS	\$5,000.00	\$5,000.00	\$10.00	\$10.00	\$364.00	\$364.00
6	252	Asphalt Driveway Replacement -2160 Dr. A Type IIIA	140	SY	\$60.00	\$8,400.00	\$53.00	\$7,420.00	\$67.60	\$9,464.00
7	604	Type "A" Manhole, Class B w/48" Base	1	EA	\$5,000.00	\$5,000.00	\$1,800.00	\$1,800.00	\$2,496.20	\$2,496.20
8	604	Type "E" Manhole w/48" Base	1	EA	\$7,500.00	\$7,500.00	\$3,500.00	\$3,500.00	\$3,802.60	\$3,802.60
9	604	Standard Catch Basin (AA-S133 w/AA-S141 Grate)	1	EA	\$1,750.00	\$1,750.00	\$1,600.00	\$1,600.00	\$1,841.00	\$1,841.00
10	604	Curb & Gutter Inlet (Per Std Dwgs AA-S125 & AA-S128)	1	EA	\$2,225.00	\$2,225.00	\$2,000.00	\$2,000.00	\$2,481.70	\$2,481.70
11	608	4 " Concrete Walk	44	SF	\$9.00	\$396.00	\$10.00	\$440.00	\$9.40	\$413.60
12	614	Maintaining Traffic	1	LS	\$25,000.00	\$25,000.00	\$1,500.00	\$1,500.00	\$4,785.90	\$4,785.90
13	623	Construction Layout Stakes	1	LS	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$1,726.60	\$1,726.60
14	624	Mobilization	1	LS	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00	\$2,602.70	\$2,602.70
15	659	Seeding & Mulching	110	SY	\$3.00	\$330.00	\$1.00	\$110.00	\$2.60	\$286.00
16	901	12" Storm Sewer w/Type 1 Bedding & Cmpctd Gran Bckfl	232	LF	\$85.00	\$19,720.00	\$100.00	\$23,200.00	\$120.70	\$28,002.40
17	SS-3	Bypass Pumping	1	LS	\$25,000.00	\$25,000.00	\$1.00	\$1.00	\$1,661.80	\$1,661.80
18	SS-6	Chemical Pressure Grouting	116	GAL	\$30.00	\$3,480.00	\$54.00	\$6,264.00	\$54.10	\$6,275.60
19	SS-7	Cementitious Grouting	58	CF	\$40.00	\$2,320.00	\$55.00	\$3,190.00	\$31.20	\$1,809.60
20	SS-10	Replace Manhole Frame & Cover (24" Frame)	17	EA	\$1,750.00	\$29,750.00	\$1,452.00	\$24,684.00	\$1,510.20	\$25,673.40
21	SS-10	Replace Manhole Cover (24" Frame)	127	EA	\$750.00	\$95,250.00	\$119.00	\$15,113.00	\$123.80	\$15,722.60
22	SS-10	Rehabilitate Base & Cahnnel	58	EA	\$750.00	\$43,500.00	\$250.00	\$14,500.00	\$287.10	\$16,651.80
23	SS-10	Cementitious Manhole Rehabilitation	686	VF	\$210.00	\$144,060.00	\$152.00	\$104,272.00	\$140.40	\$96,314.40
24	SS-10	Raise Manhole to Grade	1	EA	\$450.00	\$450.00	\$1,326.00	\$1,326.00	\$1,300.10	\$1,300.10
25	SS-10	Raise Manhole to Grade (Contingency)	2	EA	\$450.00	\$900.00	\$1,326.00	\$2,652.00	\$1,092.10	\$2,184.20
26	SS-11	Lateral Sewer Dye Tested	27	EA	\$0.00	\$0.00	\$160.00	\$4,320.00	\$88.40	\$2,386.80
27	SS-12	Lateral Sewer Reestablished	198	EA	\$200.00	\$39,600.00	\$115.00	\$22,770.00	\$100.00	\$19,800.00
28	SS-12	8" Pipe - CIPP - 6.00mm Base Bid Thickness	5,609	LF	\$30.00	\$168,270.00	\$21.90	\$122,837.10	\$21.70	\$121,715.30
29	SS-12	10" Pipe - CIPP - 6.00mm Base Bid Thickness	4,264	LF	\$35.00	\$149,240.00	\$23.30	\$99,351.20	\$23.80	\$101,483.20
30	SS-12	12" Pipe - CIPP - 6.00mm Base Bid Thickness	1,282	LF	\$40.00	\$51,280.00	\$33.25	\$42,626.50	\$27.00	\$34,614.00
31	SS-12	8" CIPP - 1.50mm incremental wall thickness incr or Decr	5,609	LF	\$2.00	\$11,218.00	\$0.01	\$56.09	\$0.50	\$2,804.50
32	SS-12	10" CIPP - 1.50mm Incremental Wall Thickness Incr or Decr	4,264	LF	\$2.25	\$9,594.00	\$0.01	\$42.64	\$0.50	\$2,132.00
33	SS-12	12" CIPP - 1.50mm incremental wall thickness incr or Decr	1,282	LF	\$2.50	\$3,205.00	\$0.01	\$12.82	\$0.50	\$641.00
34	Spec	ADS Flowmeter (Removed & Reinstalled)	1	LS	\$1,000.00	\$1,000.00	\$340.00	\$340.00	\$8,000.00	\$8,000.00
SUB-TOTAL						\$884,632.00		\$529,570.35		\$523,836.40
35	Spec	Force Account (.20 X Sum of Items 1 thru 33)	1	Lump Sum		\$176,726.40		\$105,846.07		\$103,167.28
TOTAL PROJECT COSTS @ Items 1-33 Force Acct						\$1,061,358.40		\$635,416.42		\$627,003.68
% DIFFERENCE FROM ENGINEER'S ESTIMATE						N/A		-40.13%		-40.92%
Bond Amount								10% TAB		\$627,003.68
Bonding Company								Liberty Mutual Ins Co		Travelers Casualty & Surety
Proposal Bond Amount Required								\$63,541.64		\$62,700.37
Contract Compliance No. (Page P-3C)								31-1023518		13-3032158
Non-Collusion Affidavit Completed? (Page P-29)								Yes		Yes
Local Vendor? (Page P-4)								Yes		No
Addendum Acknowledgement Completed? (Page P-4)(1)								Yes		Yes
Proposal Affidavit Completed? (Page P-34)								Yes		Yes

Applying the City's "Quality and Resource Factors" resulted in credits which caused Kokosing Construction Co. to become apparent low bidder.

Computational error In force acct calculations were corrected

Ref. No.	Item No.	Description	Qty.	Unit	ENGINEER'S ESTIMATE		United Survey		Reynolds Inliner	
					Price	Amount	Price	Amount	Price	Amount
1	202	Clearing & Grubbing	1	LS	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$594.00	\$594.00
2	202	Catch BasinRemoved	3	EA	\$350.00	\$1,050.00	\$254.00	\$762.00	\$275.00	\$825.00
3	202	8" Pipe Filled in Place	112	LF	\$12.00	\$1,344.00	\$6.03	\$675.36	\$6.50	\$728.00
4	202	15" Pipe Filled in Place	12	LF	\$25.00	\$300.00	\$22.67	\$272.04	\$25.00	\$300.00
5	207	Temp Soil Erosion & Sediment Control	1	LS	\$5,000.00	\$5,000.00	\$145.00	\$145.00	\$157.00	\$157.00
6	252	Asphalt Driveway Replacement -2160 Dr. A Type IIIA	140	SY	\$60.00	\$8,400.00	\$32.68	\$4,575.20	\$35.00	\$4,900.00
7	604	Type "A" Manhole, Class B w/48" Base	1	EA	\$5,000.00	\$5,000.00	\$1,688.88	\$1,688.88	\$1,825.00	\$1,825.00
8	604	Type "E" Manhole w/48" Base	1	EA	\$7,500.00	\$7,500.00	\$4,153.68	\$4,153.68	\$4,485.00	\$4,485.00
9	604	Standard Catch Basin (AA-S133 w/AA-S141 Grate)	1	EA	\$1,750.00	\$1,750.00	\$1,432.24	\$1,432.24	\$1,550.00	\$1,550.00
10	604	Curb & Gutter Inlet (Per Std Dwgs AA-S125 & AA-S128)	1	EA	\$2,225.00	\$2,225.00	\$1,720.59	\$1,720.59	\$1,860.00	\$1,860.00
11	608	4 " Concrete Walk	44	SF	\$9.00	\$396.00	\$15.37	\$676.28	\$17.00	\$748.00
12	614	Maintaining Traffic	1	LS	\$25,000.00	\$25,000.00	\$3,357.58	\$3,357.58	\$4,255.00	\$4,255.00
13	623	Construction Layout Stakes	1	LS	\$1,000.00	\$1,000.00	\$3,025.00	\$3,025.00	\$50.00	\$50.00
14	624	Mobilization	1	LS	\$25,000.00	\$25,000.00	\$1,500.00	\$1,500.00	\$9,575.00	\$9,575.00
15	659	Seeding & Mulching	110	SY	\$3.00	\$330.00	\$2.42	\$266.20	\$2.65	\$291.50
16	901	12" Storm Sewer w/Type 1 Bedding & Cmpctd Gran Bckfl	232	LF	\$85.00	\$19,720.00	\$54.14	\$12,560.48	\$59.00	\$13,688.00
17	SS-3	Bypass Pumping	1	LS	\$25,000.00	\$25,000.00	\$500.00	\$500.00	\$4,500.00	\$4,500.00
18	SS-6	Chemical Pressure Grouting	116	GAL	\$30.00	\$3,480.00	\$10.00	\$1,160.00	\$1.00	\$116.00
19	SS-7	Cementitious Grouting	58	CF	\$40.00	\$2,320.00	\$50.00	\$2,900.00	\$20.00	\$1,160.00
20	SS-10	Replace Manhole Frame & Cover (24" Frame)	17	EA	\$1,750.00	\$29,750.00	\$1,849.22	\$31,436.74	\$2,000.00	\$34,000.00
21	SS-10	Replace Manhole Cover (24" Frame)	127	EA	\$750.00	\$95,250.00	\$121.65	\$15,449.55	\$132.00	\$16,764.00
22	SS-10	Rehabilitate Base & Cahnnel	58	EA	\$750.00	\$43,500.00	\$25.00	\$1,450.00	\$756.00	\$43,848.00
23	SS-10	Cementitious Manhole Rehabilitation	686	VF	\$210.00	\$144,060.00	\$150.00	\$102,900.00	\$146.00	\$100,156.00
24	SS-10	Raise Manhole to Grade	1	EA	\$450.00	\$450.00	\$1,134.66	\$1,134.66	\$1,225.00	\$1,225.00
25	SS-10	Raise Manhole to Grade (Contingency)	2	EA	\$450.00	\$900.00	\$1,134.65	\$2,269.30	\$1,225.00	\$2,450.00
26	SS-11	Lateral Sewer Dye Tested	27	EA	\$0.00	\$0.00	\$250.00	\$6,750.00	\$135.00	\$3,645.00
27	SS-12	Lateral Sewer Reestablished	198	EA	\$200.00	\$39,600.00	\$50.00	\$9,900.00	\$100.00	\$19,800.00
28	SS-12	8" Pipe - CIPP - 6.00mm Base Bid Thickness	5,609	LF	\$30.00	\$168,270.00	\$27.50	\$154,247.50	\$28.00	\$157,052.00
29	SS-12	10" Pipe - CIPP - 6.00mm Base Bid Thickness	4,264	LF	\$35.00	\$149,240.00	\$31.25	\$133,250.00	\$29.00	\$123,656.00
30	SS-12	12" Pipe - CIPP - 6.00mm Base Bid Thickness	1,282	LF	\$40.00	\$51,280.00	\$39.00	\$49,998.00	\$34.00	\$43,588.00
31	SS-12	8" CIPP - 1.50mm incremental wall thickness incr or Decr	5,609	LF	\$2.00	\$11,218.00	\$0.01	\$56.09	\$0.60	\$3,365.40
32	SS-12	10" CIPP - 1.50mm Incremental Wall Thickness Incr or Decr	4,264	LF	\$2.25	\$9,594.00	\$0.01	\$42.64	\$0.65	\$2,771.60
33	SS-12	12" CIPP - 1.50mm incremental wall thickness incr or Decr	1,282	LF	\$2.50	\$3,205.00	\$0.01	\$12.82	\$0.70	\$897.40
34	Spec	ADS Flowmeter (Removed & Reinstalled)	1	LS	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$2,365.00	\$2,365.00
SUB-TOTAL						\$884,632.00		\$552,267.83		\$607,190.90
35	Spec	Force Account (.20 X Sum of Items 1 thru 33)	1	Lump Sum		\$176,726.40		\$110,353.56		\$120,965.18
TOTAL PROJECT COSTS @ Items 1-33 Force Acct						\$1,061,358.40		\$662,621.39		\$728,156.08
% DIFFERENCE FROM ENGINEER'S ESTIMATE						N/A		-37.57%		-31.39%
Bond Amount								\$120,000.00		\$72,815.61
Bonding Company							Evergreen Natl Indemnity		Travelers Casualty & Surety	
Proposal Bond Amount Required								\$66,262.14		\$72,815.61
Contract Compliance No. (Page P-3C)								34-0894532		01-0684682
Non-Collusion Affidavit Completed? (Page P-29)								Yes		Yes
Local Vendor? (Page P-4)								No		Yes
Addendum Acknowledgement Completed? (Page P-4)(1)								Yes		Yes
Proposal Affidavit Completed? (Page P-34)								Yes		Yes

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