



City of Dubuque, Iowa

Bid Tabulation

Project Name:			22nd Street/Kaufmann Avenue Storm Sewer Improvements (White to Kleine) Option A		Bid Date 26-Feb-19		Engineer's Estimate		Portzen Construction		Langman Construction		Tschiggfrie Excavating		Legacy Corporation	
LINE NO.	REFERENCE NUMBER	BID ITEM DESCRIPTION	PLAN QUANTITY	UNIT	ESTIMATED UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE
		Division 1 - General Provisions														
1	Spec. Prov.	Temporary Stormwater Handling	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 35,000.00	\$ 35,000.00	\$ 5,000.00	\$ 5,000.00	\$ 33,800.00	\$ 33,800.00	\$ 102,209.99	\$ 102,209.99		
					Sub Total	\$ 100,000.00	Sub Total	\$ 35,000.00	Sub Total	\$ 5,000.00	Sub Total	\$ 33,800.00	Sub Total	\$ 102,209.99		
		Division 2010 - Earthwork, Subgrade, and Subbase														
2	2010-108-C-0	Clearing and Grubbing C	1	LS	\$ 1,750.00	\$ 1,750.00	\$ 5,500.00	\$ 5,500.00	\$ 2,000.00	\$ 2,000.00	\$ 17,700.00	\$ 17,700.00	\$ 3,000.00	\$ 3,000.00		
3	2010-108-D-3	Topsoil, Off-site	65	CY	\$ 42.50	\$ 2,762.50	\$ 45.00	\$ 2,925.00	\$ 41.00	\$ 2,665.00	\$ 23.70	\$ 1,540.50	\$ 34.00	\$ 2,210.00		
4	2010-108-E-0	Excavation, Class 13	2750	CY	\$ 20.50	\$ 56,375.00	\$ 15.00	\$ 41,250.00	\$ 15.00	\$ 41,250.00	\$ 18.70	\$ 51,425.00	\$ 18.00	\$ 49,500.00		
5	2010-108-I-0	Subbase, Coarse Aggregate Subbase - 3" Breaker	335	TON	\$ 19.40	\$ 6,499.00	\$ 15.50	\$ 5,192.50	\$ 20.00	\$ 6,700.00	\$ 20.80	\$ 6,968.00	\$ 18.00	\$ 6,030.00		
6	2010-108-G-0	Subgrade Preparation	4195	SY	\$ 3.50	\$ 14,682.50	\$ 1.50	\$ 6,292.50	\$ 0.01	\$ 41.95	\$ 3.75	\$ 15,731.25	\$ 2.50	\$ 10,487.50		
7	2010-108-I-0	Subbase, Special Backfill - Gradation 30	350	TON	\$ 19.60	\$ 6,860.00	\$ 16.50	\$ 5,775.00	\$ 20.00	\$ 7,000.00	\$ 19.40	\$ 6,790.00	\$ 19.00	\$ 6,650.00		
8	2010-108-I-0	Subbase, Modified Subbase - Gradation 14	3350	TON	\$ 17.80	\$ 59,630.00	\$ 16.00	\$ 53,600.00	\$ 20.00	\$ 67,000.00	\$ 19.40	\$ 64,990.00	\$ 19.00	\$ 63,650.00		
9	2010-108-J-1	Removal of Structure	1	EA	\$ 8,175.00	\$ 8,175.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,500.00	\$ 9,500.00		
10	2010-108-J-2-c	Removal of Known Pipe Culvert/Large Diameter Storm Sewer	1102	LF	\$ 85.00	\$ 93,670.00	\$ 20.00	\$ 22,040.00	\$ 10.00	\$ 11,020.00	\$ 98.30	\$ 108,326.60	\$ 68.00	\$ 74,936.00		
					Sub Total	\$ 250,404.00	Sub Total	\$ 147,575.00	Sub Total	\$ 142,676.95	Sub Total	\$ 282,471.35	Sub Total	\$ 225,963.50		
		Division 3010 - Trench Excavation and Backfill														
11	3010-108-B-0	Rock Excavation	12.5	CY	\$ 200.00	\$ 2,500.00	\$ 90.00	\$ 1,125.00	\$ 150.00	\$ 1,875.00	\$ 46.30	\$ 578.75	\$ 400.00	\$ 5,000.00		
12	3010-108-D-0	Trench Foundation - 3" Breaker	375	TON	\$ 28.00	\$ 10,500.00	\$ 19.00	\$ 7,125.00	\$ 11.25	\$ 4,218.75	\$ 23.20	\$ 8,700.00	\$ 22.00	\$ 8,250.00		
13	3010-108-D-0	Bedding Material, 1" Commercial Clean Stone	1750	TON	\$ 20.00	\$ 35,000.00	\$ 18.00	\$ 31,500.00	\$ 13.75	\$ 24,062.50	\$ 23.20	\$ 40,600.00	\$ 19.00	\$ 33,250.00		
14	3010-108-D-0	Bedding Material Gradation 30	300	TON	\$ 20.00	\$ 6,000.00	\$ 17.00	\$ 5,100.00	\$ 12.25	\$ 3,675.00	\$ 21.70	\$ 6,510.00	\$ 18.00	\$ 5,400.00		
15	3010-108-L-0	Rigid Insulation Board	1072	SF	\$ 5.00	\$ 5,360.00	\$ 1.50	\$ 1,608.00	\$ 2.00	\$ 2,144.00	\$ 3.75	\$ 4,020.00	\$ 4.00	\$ 4,288.00		
16	3010-108-I-2	Trenching, 26 Inch Depth	50	LF	\$ 10.00	\$ 500.00	\$ 8.00	\$ 400.00	\$ 8.00	\$ 400.00	\$ 4.85	\$ 242.50	\$ 7.75	\$ 387.50		
17	3010-108-J-3	Trenching, 48 Inch Depth	1000	LF	\$ 15.00	\$ 15,000.00	\$ 9.00	\$ 9,000.00	\$ 11.00	\$ 11,000.00	\$ 6.95	\$ 6,950.00	\$ 11.50	\$ 11,500.00		
					Sub Total	\$ 74,860.00	Sub Total	\$ 55,858.00	Sub Total	\$ 47,375.25	Sub Total	\$ 67,601.25	Sub Total	\$ 68,075.50		
		Division 4010 - Sanitary Sewers														
18	4010-108-A-1	Sanitary Sewer Gravity Main, Trenched, 8" PVC (C900, DR18)	97	LF	\$ 170.00	\$ 16,490.00	\$ 110.00	\$ 10,670.00	\$ 126.00	\$ 12,222.00	\$ 103.00	\$ 9,991.00	\$ 269.00	\$ 26,093.00		
19	4010-108-A-1	Sanitary Sewer Gravity Main, Trenched, 12" PVC	34	LF	\$ 170.00	\$ 5,780.00	\$ 113.50	\$ 3,859.00	\$ 155.00	\$ 5,270.00	\$ 131.00	\$ 4,454.00	\$ 277.00	\$ 9,418.00		
20	4010-108-A-1	Sanitary Sewer Gravity Main, Trenched, 15" PVC	325	LF	\$ 150.00	\$ 48,750.00	\$ 115.00	\$ 37,375.00	\$ 160.00	\$ 52,000.00	\$ 193.00	\$ 62,725.00	\$ 263.00	\$ 85,475.00		
21	4010-108-A-1	Sanitary Sewer Gravity Main, Trenched, 18" PVC	306	LF	\$ 170.00	\$ 52,020.00	\$ 123.00	\$ 37,638.00	\$ 166.00	\$ 50,796.00	\$ 206.00	\$ 63,036.00	\$ 272.00	\$ 83,232.00		
22	4010-108-A-1	Sanitary Sewer Gravity Main, Trenched, 18" PVC (C900, DR18)	290	LF	\$ 180.00	\$ 52,200.00	\$ 135.00	\$ 39,150.00	\$ 185.00	\$ 53,650.00	\$ 226.00	\$ 65,540.00	\$ 289.00	\$ 83,810.00		
23	4010-108-B-1	Sanitary Sewer Gravity Main With Casing Pipe, Trenched, 15" PVC	20	LF	\$ 290.00	\$ 5,800.00	\$ 230.00	\$ 4,600.00	\$ 330.00	\$ 6,600.00	\$ 310.00	\$ 6,200.00	\$ 426.00	\$ 8,520.00		
24	4010-108-B-1	Sanitary Sewer Gravity Main with Casing Pipe, Trenched, 18" PVC	30	LF	\$ 340.00	\$ 10,200.00	\$ 250.00	\$ 7,500.00	\$ 355.00	\$ 10,650.00	\$ 321.00	\$ 9,630.00	\$ 472.00	\$ 14,160.00		
25	4010-108-E-1	Sanitary Sewer Service Pipe, Trenched, 4" PVC	175	LF	\$ 120.00	\$ 21,000.00	\$ 54.00	\$ 9,450.00	\$ 30.00	\$ 5,250.00	\$ 94.70	\$ 16,572.50	\$ 78.00	\$ 13,650.00		
26	4010-108-E-1	Sanitary Sewer Service Pipe, Trenched, 6" PVC	13	LF	\$ 140.00	\$ 1,820.00	\$ 75.00	\$ 975.00	\$ 32.00	\$ 416.00	\$ 96.60	\$ 1,255.80	\$ 97.00	\$ 1,261.00		
27	4010-108-E-1	Fitting, PVC Wye, 15x6	7	EA	\$ 1,000.00	\$ 7,000.00	\$ 468.00	\$ 3,276.00	\$ 415.00	\$ 2,905.00	\$ 433.00	\$ 3,031.00	\$ 592.00	\$ 4,144.00		
28	4010-108-L-0	Fitting, PVC Wye, 18x6	2	EA	\$ 1,500.00	\$ 3,000.00	\$ 900.00	\$ 1,800.00	\$ 760.00	\$ 1,520.00	\$ 871.00	\$ 1,742.00	\$ 1,050.00	\$ 2,100.00		
29	4010-108-K-0	Sanitary Sewer Abandonment	10	CY	\$ 220.00	\$ 2,200.00	\$ 185.00	\$ 1,850.00	\$ 150.00	\$ 1,500.00	\$ 140.00	\$ 1,400.00	\$ 205.00	\$ 2,050.00		
30	Spec. Prov.	Field Verify Active Laterals	5	EA	\$ 550.00	\$ 2,750.00	\$ 300.00	\$ 1,500.00	\$ 100.00	\$ 500.00	\$ 639.00	\$ 3,195.00	\$ 600.00	\$ 3,000.00		
					Sub Total	\$ 229,010.00	Sub Total	\$ 159,643.00	Sub Total	\$ 203,279.00	Sub Total	\$ 248,772.30	Sub Total	\$ 336,913.00		
		Division 4020 - Storm Sewers														
31	4020-108-A-1	Storm Sewer Gravity Main, Trenched, 15" RCP	398	LF	\$ 120.00	\$ 47,760.00	\$ 56.00	\$ 22,288.00	\$ 85.00	\$ 33,830.00	\$ 97.50	\$ 38,805.00	\$ 115.50	\$ 45,969.00		
32	4020-108-A-1	Storm Sewer Gravity Main, Trenched, 18" RCP	13	LF	\$ 140.00	\$ 1,820.00	\$ 62.00	\$ 806.00	\$ 87.50	\$ 1,137.50	\$ 121.00	\$ 1,573.00	\$ 121.00	\$ 1,573.00		
33	Spec. Prov.	27" Dia MH on Box Culvert w/Casting	6.25	VF	\$ 1,000.00	\$ 6,250.00	\$ 365.00	\$ 2,281.25	\$ 350.00	\$ 2,187.50	\$ 301.00	\$ 1,881.25	\$ 950.00	\$ 5,937.50		
34	Spec. Prov.	Field Verify Existing Culvert Penetrations and Condition	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 8,500.00	\$ 8,500.00	\$ 1,000.00	\$ 1,000.00	\$ 7,200.00	\$ 7,200.00	\$ 2,500.00	\$ 2,500.00		
35	Spec. Prov.	Storm Sediment Cleanup - Crew and Equipment	1	LS	\$ 3,750.00	\$ 3,750.00	\$ 10,000.00	\$ 10,000.00	\$ 1,000.00	\$ 1,000.00	\$ 21,600.00	\$ 21,600.00	\$ 100,000.00	\$ 100,000.00		
					Sub Total	\$ 62,080.00	Sub Total	\$ 43,875.25	Sub Total	\$ 39,155.00	Sub Total	\$ 71,059.25	Sub Total	\$ 155,979.50		
		Division 4040 - Subdrains and Footing Drain Collectors														

Project Name: 22nd Street/Kaufmann Avenue Storm Sewer Improvements (White to Kleine) Option A			Bid Date 26-Feb-19		Engineer's Estimate		Portzen Construction		Langman Construction		Tschiggfrie Excavating		Legacy Corporation	
LINE NO.	REFERENCE NUMBER	BID ITEM DESCRIPTION	PLAN QUANTITY	UNIT	ESTIMATED UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE
36	4040-108-A-0	Subdrain, 6" Perforated CPE	489	LF	\$ 14.00	\$ 6,846.00	\$ 12.00	\$ 5,868.00	\$ 15.00	\$ 7,335.00	\$ 11.90	\$ 5,819.10	\$ 14.50	\$ 7,090.50
37	4040-108-E-0	Storm Sewer Service Stub, 6" PVC	255	LF	\$ 50.00	\$ 12,750.00	\$ 25.00	\$ 6,375.00	\$ 24.00	\$ 6,120.00	\$ 18.60	\$ 4,743.00	\$ 26.00	\$ 6,630.00
38	4040-108-A-0	Subdrain, 4" Perforated PVC	210	LF	\$ 14.00	\$ 2,940.00	\$ 11.00	\$ 2,310.00	\$ 15.00	\$ 3,150.00	\$ 11.10	\$ 2,331.00	\$ 20.00	\$ 4,200.00
39	Spec. Prov.	Sidewalk Trench Drain	6	LF	\$ 250.00	\$ 1,500.00	\$ 230.00	\$ 1,380.00	\$ 215.00	\$ 1,290.00	\$ 371.00	\$ 2,226.00	\$ 250.00	\$ 1,500.00
40	Spec. Prov.	Storm Water Curb Opening (R3262-2)	12	EA	\$ 325.00	\$ 3,900.00	\$ 160.00	\$ 1,920.00	\$ 135.00	\$ 1,620.00	\$ 215.00	\$ 2,580.00	\$ 400.00	\$ 4,800.00
41	Spec. Prov.	Downspout Connection Boot	7	EA	\$ 75.00	\$ 525.00	\$ 150.00	\$ 1,050.00	\$ 50.00	\$ 350.00	\$ 329.00	\$ 2,303.00	\$ 250.00	\$ 1,750.00
					Sub Total	\$ 28,461.00	Sub Total	# \$ 18,903.00	Sub Total	# \$ 19,865.00	Sub Total	# \$ 20,002.10	Sub Total	# \$ 25,970.50
Division 5010 - Pipe and Fittings														
42	5010-108-A-1	Water Main, Trenched, DIP, 6"	75	LF	\$ 115.00	\$ 8,625.00	\$ 100.00	\$ 7,500.00	\$ 90.00	\$ 6,750.00	\$ 112.00	\$ 8,400.00	\$ 99.50	\$ 7,462.50
43	5010-108-A-1	Water Main, Trenched, DIP, 8"	715	LF	\$ 125.00	\$ 89,375.00	\$ 73.00	\$ 52,195.00	\$ 95.00	\$ 67,925.00	\$ 118.00	\$ 84,370.00	\$ 82.00	\$ 58,630.00
44	5010-108-A-1	Water Main, Trenched, DIP, 12"	650	LF	\$ 135.00	\$ 87,750.00	\$ 87.00	\$ 56,550.00	\$ 105.00	\$ 68,250.00	\$ 132.00	\$ 85,800.00	\$ 110.00	\$ 71,500.00
45	5010-108-B-1	Water Main, with Casing Pipe, Trenched, DIP, 8"	20	LF	\$ 285.00	\$ 5,700.00	\$ 195.00	\$ 3,900.00	\$ 285.00	\$ 5,700.00	\$ 216.00	\$ 4,320.00	\$ 275.00	\$ 5,500.00
46	5010-108-C-1	Fittings, Joint Restraint Gasket, 6"	8	EA	\$ 40.00	\$ 320.00	\$ 95.00	\$ 760.00	\$ 60.00	\$ 480.00	\$ 204.00	\$ 1,632.00	\$ 171.00	\$ 1,368.00
47		Fittings, Joint Restraint Gasket, 8"	35	EA	\$ 60.00	\$ 2,100.00	\$ 125.00	\$ 4,375.00	\$ 80.00	\$ 2,800.00	\$ 255.00	\$ 8,925.00	\$ 210.00	\$ 7,350.00
48	5010-108-C-1	Fittings, Joint Restraint Gasket, 12"	30	EA	\$ 70.00	\$ 2,100.00	\$ 250.00	\$ 7,500.00	\$ 117.00	\$ 3,510.00	\$ 387.00	\$ 11,610.00	\$ 320.00	\$ 9,600.00
49	5010-108-C-1	Fittings, Repair Coupling, 4"	1	EA	\$ 450.00	\$ 450.00	\$ 450.00	\$ 450.00	\$ 190.00	\$ 190.00	\$ 580.00	\$ 580.00	\$ 350.00	\$ 350.00
50	5010-108-C-1	Fittings, Repair Coupling, 6"	3	EA	\$ 550.00	\$ 1,650.00	\$ 500.00	\$ 1,500.00	\$ 250.00	\$ 750.00	\$ 881.00	\$ 2,643.00	\$ 412.00	\$ 1,236.00
51	5010-108-C-1	Fittings, Repair Coupling, 12"	1	EA	\$ 700.00	\$ 700.00	\$ 750.00	\$ 750.00	\$ 430.00	\$ 430.00	\$ 1,100.00	\$ 1,100.00	\$ 475.00	\$ 475.00
52	5010-108-C-2	Fittings by Weight, DI	2,450	LB	\$ 5.50	\$ 13,475.00	\$ 7.00	\$ 17,150.00	\$ 2.25	\$ 5,512.50	\$ 6.00	\$ 14,700.00	\$ 6.50	\$ 15,925.00
53	5010-108-C-1	Fittings, Mega lug, 6"	12	EA	\$ 75.00	\$ 900.00	\$ 75.00	\$ 900.00	\$ 25.00	\$ 300.00	\$ 120.00	\$ 1,440.00	\$ 121.00	\$ 1,452.00
54	5010-108-C-1	Fittings, Mega lug, 8"	34	EA	\$ 120.00	\$ 4,080.00	\$ 90.00	\$ 3,060.00	\$ 37.00	\$ 1,258.00	\$ 134.00	\$ 4,556.00	\$ 140.00	\$ 4,760.00
55	5010-108-C-1	Fittings, Mega lug, 12"	30	EA	\$ 150.00	\$ 4,500.00	\$ 140.00	\$ 4,200.00	\$ 74.00	\$ 2,220.00	\$ 211.00	\$ 6,330.00	\$ 196.00	\$ 5,880.00
56	5010-108-E-0	Water Service Curb Box Adjustment	2	EA	\$ 450.00	\$ 900.00	\$ 200.00	\$ 400.00	\$ 150.00	\$ 300.00	\$ 181.00	\$ 362.00	\$ 300.00	\$ 600.00
57	5010-108-E-1	Water Service Pipe, Trenched, Copper, 3/4"	100	LF	\$ 80.00	\$ 8,000.00	\$ 34.00	\$ 3,400.00	\$ 30.00	\$ 3,000.00	\$ 131.00	\$ 13,100.00	\$ 33.00	\$ 3,300.00
58	5010-108-E-2	Water Service Corporation Tap, 3/4"	12	EA	\$ 350.00	\$ 4,200.00	\$ 250.00	\$ 3,000.00	\$ 700.00	\$ 8,400.00	\$ 541.00	\$ 6,492.00	\$ 350.00	\$ 4,200.00
59	5010-108-E-3	Water Service Curb Stop and Box, 3/4"	12	EA	\$ 800.00	\$ 9,600.00	\$ 675.00	\$ 8,100.00	\$ 300.00	\$ 3,600.00	\$ 525.00	\$ 6,300.00	\$ 600.00	\$ 7,200.00
60	Spec. Prov.	Nitrile Gaskets, 6"	20	EA	\$ 40.00	\$ 800.00	\$ 50.00	\$ 1,000.00	\$ 12.00	\$ 240.00	\$ 246.00	\$ 4,920.00	\$ 60.00	\$ 1,200.00
61		Nitrile Gaskets, 8"	45	EA	\$ 55.00	\$ 2,475.00	\$ 60.00	\$ 2,700.00	\$ 17.00	\$ 765.00	\$ 105.00	\$ 4,725.00	\$ 72.00	\$ 3,240.00
62	Spec. Prov.	Nitrile Gaskets, 12"	45	EA	\$ 70.00	\$ 3,150.00	\$ 85.00	\$ 3,825.00	\$ 30.00	\$ 1,350.00	\$ 125.00	\$ 5,625.00	\$ 85.00	\$ 3,825.00
63	Spec. Prov.	Water Main Abandonment - Fill and Plug	10	CY	\$ 220.00	\$ 2,200.00	\$ 185.00	\$ 1,850.00	\$ 150.00	\$ 1,500.00	\$ 140.00	\$ 1,400.00	\$ 220.00	\$ 2,200.00
64	Spec. Prov.	Water Service Pipe, Trenchless, Copper, 3/4"	100	LF	\$ 75.00	\$ 7,500.00	\$ 55.00	\$ 5,500.00	\$ 40.00	\$ 4,000.00	\$ 129.00	\$ 12,900.00	\$ 84.00	\$ 8,400.00
65	Spec. Prov.	Water Service - Type M Hard Copper	150	LF	\$ 55.00	\$ 8,250.00	\$ 20.00	\$ 3,000.00	\$ 30.00	\$ 4,500.00	\$ 49.40	\$ 7,410.00	\$ 34.00	\$ 5,100.00
					Sub Total	\$ 268,800.00	Sub Total	\$ 193,565.00	Sub Total	\$ 193,730.50	Sub Total	\$ 299,640.00	Sub Total	\$ 230,753.50
Division 5010 - Pipe and Fittings														
66	Spec. Prov.	Water Service Pipe Penetration through Existing Foundation Wall	5	EA	\$ 1,300.00	\$ 6,500.00	\$ 1,500.00	\$ 7,500.00	\$ 560.00	\$ 2,800.00	\$ 1,100.00	\$ 5,500.00	\$ 1,200.00	\$ 6,000.00
67		3/4-Inch Ball Valve	10	EA	\$ 125.00	\$ 1,250.00	\$ 50.00	\$ 500.00	\$ 25.00	\$ 250.00	\$ 284.00	\$ 2,840.00	\$ 80.00	\$ 800.00
68		3/4-Inch Strainer	5	EA	\$ 90.00	\$ 450.00	\$ 50.00	\$ 250.00	\$ 113.00	\$ 565.00	\$ 360.00	\$ 1,800.00	\$ 90.00	\$ 450.00
69		3/4-Inch Pressure Regulator	5	EA	\$ 350.00	\$ 1,750.00	\$ 75.00	\$ 375.00	\$ 100.00	\$ 500.00	\$ 360.00	\$ 1,800.00	\$ 400.00	\$ 2,000.00
70		3/4-Inch Dual Check Valve	5	EA	\$ 330.00	\$ 1,650.00	\$ 75.00	\$ 375.00	\$ 185.00	\$ 925.00	\$ 360.00	\$ 1,800.00	\$ 120.00	\$ 600.00
71		Thermal Expansion Tank	5	EA	\$ 175.00	\$ 875.00	\$ 75.00	\$ 375.00	\$ 105.00	\$ 525.00	\$ 720.00	\$ 3,600.00	\$ 200.00	\$ 1,000.00
					Sub Total	\$ 12,475.00	Sub Total	# \$ 9,375.00	Sub Total	# \$ 5,565.00	Sub Total	# \$ 17,340.00	Sub Total	# \$ 10,850.00
Division 5020 - Valves, Fire Hydrants, and Appurtenances														
72	5020-108-A-0	Valve, Gate,6"	2	EA	\$ 1,400.00	\$ 2,800.00	\$ 1,200.00	\$ 2,400.00	\$ 800.00	\$ 1,600.00	\$ 1,200.00	\$ 2,400.00	\$ 1,200.00	\$ 2,400.00
73	5020-108-A-0	Valve, Gate, 8"	6	EA	\$ 1,800.00	\$ 10,800.00	\$ 1,485.00	\$ 8,910.00	\$ 1,120.00	\$ 6,720.00	\$ 1,500.00	\$ 9,000.00	\$ 1,495.00	\$ 8,970.00
74	5020-108-A-0	Valve, Gate, 12"	2	EA	\$ 2,700.00	\$ 5,400.00	\$ 2,500.00	\$ 5,000.00	\$ 1,950.00	\$ 3,900.00	\$ 2,600.00	\$ 5,200.00	\$ 2,100.00	\$ 4,200.00
75	5020-108-C-0	Fire Hydrant	3	EA	\$ 4,000.00	\$ 12,000.00	\$ 3,600.00	\$ 10,800.00	\$ 4,900.00	\$ 14,700.00	\$ 4,900.00	\$ 14,700.00	\$ 4,600.00	\$ 13,800.00
76	Spec. Prov.	Temporary Service Connections	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00
77	Spec. Prov.	Valve, Gate, 8" with valve rod installed	3	EA	\$ 2,500.00	\$ 7,500.00	\$ 1,900.00	\$ 5,700.00	\$ 1,350.00	\$ 4,050.00	\$ 1,800.00	\$ 5,400.00	\$ 2,400.00	\$ 7,200.00
78	Spec. Prov.	Valve, Gate, 12" with valve rod installed	2	EA	\$ 3,000.00	\$ 6,000.00	\$ 2,800.00	\$ 5,600.00	\$ 2,200.00	\$ 4,400.00	\$ 2,800.00	\$ 5,600.00	\$ 3,200.00	\$ 6,400.00
					Sub Total	\$ 47,000.00	Sub Total	# \$ 43,410.00	Sub Total	# \$ 36,370.00	Sub Total	# \$ 48,800.00	Sub Total	# \$ 49,470.00
Division 6010 - Structures for Sanitary and Storm Sewers														
79	6010-108-A-0	Manhole Type, PC, 48" SW-401	88.8	VF	\$ 425.00	\$ 37,740.00	\$ 355.00	\$ 31,524.00	\$ 425.00	\$ 37,740.00	\$ 489.00	\$ 43,423.20	\$ 425.00	\$ 37,740.00
80	6010-108-B-0	Intake Type, CIP, SW-501	104	VF	\$ 650.00	\$ 67,600.00	\$ 475.00	\$ 49,400.00	\$ 450.00	\$ 46,800.00	\$ 455.00	\$ 47,320.00	\$ 680.00	\$ 70,720.00
81	6010-108-B-0	Intake Type, CIP, SW-505	11	VF	\$ 1,000.00	\$ 10,500.00	\$ 785.00	\$ 8,242.50	\$ 816.00	\$ 8,568.00	\$ 852.00	\$ 8,946.00	\$ 965.00	\$ 10,132.50
82	6010-108-B-0	Intake Type, CIP, SW-406 (Yard Intake)	5	VF	\$ 500.00	\$ 2,500.00	\$ 800.00	\$ 4,000.00	\$ 1,100.00	\$ 5,500.00	\$ 432.00	\$ 2,160.00	\$ 750.00	\$ 3,750.00
83	6010-108-C-0	Drop Connection	2	EA	\$ 7,500.00	\$ 15,000.00	\$ 2,360.00	\$ 4,720.00	\$ 4,000.00	\$ 8,000.00	\$ 469.00	\$ 938.00	\$ 3,600.00	\$ 7,200.00

Project Name:			22nd Street/Kaufmann Avenue Storm Sewer Improvements (White to Kleine) Option A		Bid Date 26-Feb-19		Engineer's Estimate		Portzen Construction		Langman Construction		Tschiggfrie Excavating		Legacy Corporation	
LINE NO.	REFERENCE NUMBER	BID ITEM DESCRIPTION	PLAN QUANTITY	UNIT	ESTIMATED UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE
84	6010-108-E-0	Manhole Adjustment, Minor	3	EA	\$ 1,650.00	\$ 4,950.00	\$ 900.00	\$ 2,700.00	\$ 800.00	\$ 2,400.00	\$ 966.00	\$ 2,898.00	\$ 1,200.00	\$ 3,600.00		
85	Spec. Prov.	10 X 6 RCB (CIP or Precast)	646	LF	\$ 1,280.00	\$ 826,240.00	\$ 764.00	\$ 493,162.00	\$ 1,300.00	\$ 839,150.00	\$ 1,100.00	\$ 710,050.00	\$ 1,113.00	\$ 718,441.50		
86	Spec. Prov.	Access Hatch Structure STA 337+90	1	LS	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 15,000.00	\$ 15,000.00	\$ 17,400.00	\$ 17,400.00	\$ 45,000.00	\$ 45,000.00		
87	6010-108-B-0	Intake Type, CIP, SW-501, Modified	9	VF	\$ 650.00	\$ 5,850.00	\$ 700.00	\$ 6,300.00	\$ 310.00	\$ 2,790.00	\$ 684.00	\$ 6,156.00	\$ 725.00	\$ 6,525.00		
					Sub Total	\$ 988,380.00	Sub Total	# \$ 618,048.50	Sub Total	# \$ 965,948.00	Sub Total	# \$ 839,291.20	Sub Total	# \$ 903,109.00		
					Division 7010 - Portland Cement Concrete Pavement											
88	7010-108-E-0	Curb and Gutter, 36" (Width), 8" (Thickness)	1245	LF	\$ 27.50	\$ 34,237.50	\$ 30.00	\$ 37,350.00	\$ 27.00	\$ 33,615.00	\$ 29.70	\$ 36,976.50	\$ 24.00	\$ 29,880.00		
89	7010-108-F-0	Beam Curb	143	LF	\$ 50.00	\$ 7,165.00	\$ 55.00	\$ 7,881.50	\$ 40.00	\$ 5,732.00	\$ 35.30	\$ 5,058.49	\$ 40.00	\$ 5,732.00		
90	7010-108-F-0	Building Curb	76	LF	\$ 80.00	\$ 6,080.00	\$ 80.00	\$ 6,080.00	\$ 65.00	\$ 4,940.00	\$ 44.70	\$ 3,397.20	\$ 50.00	\$ 3,800.00		
91	7010-108-E-0	Curb and Gutter, 36" (Width), 12" (Thickness)	205	LF	\$ 46.00	\$ 9,430.00	\$ 50.00	\$ 10,250.00	\$ 40.00	\$ 8,200.00	\$ 32.30	\$ 6,621.50	\$ 38.00	\$ 7,790.00		
92	7010-108-E-0	Variable Height Curb and Gutter, 36" (Width), 8" (Thickness)	60	LF	\$ 50.00	\$ 3,000.00	\$ 60.00	\$ 3,600.00	\$ 95.00	\$ 5,700.00	\$ 40.60	\$ 2,436.00	\$ 45.00	\$ 2,700.00		
93	7010-108-A-0	Pavement, PCC, 8" (Thickness), Reinforced	16	SY	\$ 100.00	\$ 1,600.00	\$ 105.00	\$ 1,680.00	\$ 85.00	\$ 1,360.00	\$ 105.00	\$ 1,680.00	\$ 105.00	\$ 1,680.00		
					Sub Total	\$ 61,512.50	Sub Total	# \$ 66,841.50	Sub Total	# \$ 59,547.00	Sub Total	# \$ 56,169.69	Sub Total	# \$ 51,582.00		
					Division 7020 - Hot Mix Asphalt Pavement											
94	7020-108-A	HMA Pavement, Surface Course, Standard Traffic	280	TON	\$ 72.00	\$ 20,160.00	\$ 75.00	\$ 21,000.00	\$ 73.25	\$ 20,510.00	\$ 73.30	\$ 20,524.00	\$ 73.13	\$ 20,476.40		
95	7020-108-A	HMA Pavement, Intermediate/Base Course, Standard Traffic	830	TON	\$ 72.00	\$ 59,760.00	\$ 75.00	\$ 62,250.00	\$ 73.25	\$ 60,797.50	\$ 73.30	\$ 60,839.00	\$ 73.13	\$ 60,697.90		
96	7020-108-A	HMA Pavement, Surface Course, High Traffic	85	TON	\$ 80.00	\$ 6,800.00	\$ 82.00	\$ 6,970.00	\$ 79.00	\$ 6,715.00	\$ 79.00	\$ 6,715.00	\$ 78.87	\$ 6,703.95		
97	7020-108-A	HMA Pavement, Intermediate/Base Course, High Traffic	405	TON	\$ 80.00	\$ 32,400.00	\$ 82.00	\$ 33,210.00	\$ 79.00	\$ 31,995.00	\$ 79.00	\$ 31,995.00	\$ 78.87	\$ 31,942.35		
98	7020-108-H-0	HMA Pavement Samples and Testing LS	1	LS	\$ 2,750.00	\$ 2,750.00	\$ 5,515.00	\$ 5,515.00	\$ 5,350.00	\$ 5,350.00	\$ 5,400.00	\$ 5,400.00	\$ 5,350.00	\$ 5,350.00		
					Sub Total	\$ 121,870.00	Sub Total	# \$ 128,945.00	Sub Total	# \$ 125,367.50	Sub Total	# \$ 125,473.00	Sub Total	# \$ 125,170.60		
					Division 7030 - Sidewalks, Shared Use Paths, and Driveways											
99	7030-108-A-0	Removal of Sidewalk	950	SY	\$ 12.50	\$ 11,875.00	\$ 9.00	\$ 8,550.00	\$ 10.00	\$ 9,500.00	\$ 11.30	\$ 10,735.00	\$ 14.00	\$ 13,300.00		
100	7030-108-A-0	Removal of Driveway	620	SY	\$ 14.50	\$ 8,990.00	\$ 10.00	\$ 6,200.00	\$ 10.00	\$ 6,200.00	\$ 12.60	\$ 7,812.00	\$ 14.00	\$ 8,680.00		
101	7030-108-A-0	Removal of PCC Median	49	SY	\$ 20.00	\$ 972.00	\$ 18.00	\$ 874.80	\$ 10.00	\$ 486.00	\$ 12.60	\$ 612.36	\$ 18.00	\$ 874.80		
102	7030-108-E-0	Sidewalk, PCC, 4" (Thickness)	580	SY	\$ 48.50	\$ 28,130.00	\$ 45.00	\$ 26,100.00	\$ 43.50	\$ 25,230.00	\$ 42.50	\$ 24,650.00	\$ 46.00	\$ 26,680.00		
103	7030-108-E-0	Sidewalk, PCC, 6" (Thickness)	72	SY	\$ 65.00	\$ 4,680.00	\$ 65.00	\$ 4,680.00	\$ 63.00	\$ 4,536.00	\$ 42.50	\$ 3,060.00	\$ 75.00	\$ 5,400.00		
104	7030-108-G-0	Detectable Warning	166	SF	\$ 40.00	\$ 6,652.00	\$ 38.00	\$ 6,319.40	\$ 37.00	\$ 6,153.10	\$ 40.70	\$ 6,768.41	\$ 45.00	\$ 7,483.50		
105	7030-108-H-1	Driveway, Paved, PCC, 7" (Thickness)	290	SY	\$ 52.00	\$ 15,080.00	\$ 63.00	\$ 18,270.00	\$ 45.00	\$ 13,050.00	\$ 45.40	\$ 13,166.00	\$ 75.00	\$ 21,750.00		
106	7030-108-F-2	Brick Sidewalk with Concrete Base	199	SY	\$ 140.00	\$ 27,846.00	\$ 148.00	\$ 29,437.20	\$ 143.90	\$ 28,621.71	\$ 135.00	\$ 26,851.50	\$ 195.00	\$ 38,785.50		
107	7030-108-H-1	Sidewalk, PCC - Reinforced, 6" (Thickness)	49	SY	\$ 90.00	\$ 4,410.00	\$ 105.00	\$ 5,145.00	\$ 100.00	\$ 4,900.00	\$ 53.00	\$ 2,597.00	\$ 75.00	\$ 3,675.00		
108	7030-108-H-1	Driveway, Paved, PCC, 6" (Thickness)	124	SY	\$ 55.00	\$ 6,820.00	\$ 42.00	\$ 5,208.00	\$ 38.50	\$ 4,774.00	\$ 43.00	\$ 5,332.00	\$ 68.00	\$ 8,432.00		
109	7030-108-H-1	Driveway and Parking Lot, Paved, HMA	75	TON	\$ 50.00	\$ 3,750.00	\$ 130.00	\$ 9,750.00	\$ 124.30	\$ 9,322.50	\$ 75.20	\$ 5,640.00	\$ 140.00	\$ 10,500.00		
110	7030-108-E-0	Median, PCC, 12" (Thickness)	44	SY	\$ 100.00	\$ 4,400.00	\$ 90.00	\$ 3,960.00	\$ 85.00	\$ 3,740.00	\$ 59.50	\$ 2,618.00	\$ 100.00	\$ 4,400.00		
111	Spec. Prov.	Remove and Reinstall Pavers on Sand Bed	20	SF	\$ 100.00	\$ 2,000.00	\$ 70.00	\$ 1,400.00	\$ 35.00	\$ 700.00	\$ 35.10	\$ 702.00	\$ 175.00	\$ 3,500.00		
112	7030-108-A-0	Removal of PCC Steps	67	SF	\$ 20.00	\$ 1,330.00	\$ 10.00	\$ 665.00	\$ 20.00	\$ 1,330.00	\$ 45.20	\$ 3,005.80	\$ 15.00	\$ 997.50		
					Sub Total	\$ 126,935.00	Sub Total	\$ 126,559.40	Sub Total	\$ 118,543.31	Sub Total	\$ 113,550.07	Sub Total	\$ 154,458.30		
					Division 7040 - Pavement Rehabilitation											
113	7040-108-H-0	Removal - Pavement	3616	SY	\$ 7.00	\$ 25,312.00	\$ 10.00	\$ 36,160.00	\$ 10.00	\$ 36,160.00	\$ 7.25	\$ 26,216.00	\$ 12.00	\$ 43,392.00		
114	Spec. Prov.	Remove, Salvage and Reinstall Limestone Curb	14.25	LF	\$ 50.00	\$ 712.50	\$ 45.00	\$ 641.25	\$ 40.00	\$ 570.00	\$ 63.30	\$ 902.03	\$ 70.00	\$ 997.50		
115	Spec. Prov.	Limestone Curb	14.25	LF	\$ 75.00	\$ 1,068.75	\$ 100.00	\$ 1,425.00	\$ 200.00	\$ 2,850.00	\$ 130.00	\$ 1,852.50	\$ 100.00	\$ 1,425.00		
					Sub Total	\$ 27,093.25	Sub Total	\$ 38,226.25	Sub Total	\$ 39,580.00	Sub Total	\$ 28,970.53	Sub Total	\$ 45,814.50		
					Division 8010 - Traffic Signals & Lighting											
116	8010-108-A.1	Handhole, PC, Round 24-24	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 1,240.00	\$ 1,240.00	\$ 1,644.00	\$ 1,644.00	\$ 1,500.00	\$ 1,500.00	\$ 1,900.00	\$ 1,900.00		
117	8010-108-A.1	Handhole, PC, Traffic Signal Tub	1	EA	\$ 1,750.00	\$ 1,750.00	\$ 565.00	\$ 565.00	\$ 1,338.00	\$ 1,338.00	\$ 929.00	\$ 929.00	\$ 2,800.00	\$ 2,800.00		
118	8010-108-A-2	Handhole, Composite, 11"x18"x18"	2	EA	\$ 1,000.00	\$ 2,000.00	\$ 605.00	\$ 1,210.00	\$ 522.00	\$ 1,044.00	\$ 490.00	\$ 980.00	\$ 800.00	\$ 1,600.00		
119	8010-108-B-1	Conduit, Trenched, HDPE, 2"	1680	LF	\$ 3.50	\$ 5,880.00	\$ 1.75	\$ 2,940.00	\$ 2.70	\$ 4,536.00	\$ 8.00	\$ 13,440.00	\$ 8.00	\$ 13,440.00		
120	8010-108-B-1	Conduit, Trenched, HDPE, 3"	160	LF	\$ 4.50	\$ 720.00	\$ 2.90	\$ 464.00	\$ 4.40	\$ 704.00	\$ 9.70	\$ 1,552.00	\$ 8.75	\$ 1,400.00		
121	8010-108-B-1	Conduit, Trenched, PVC Sch. 40, 2"	50	LF	\$ 10.00	\$ 500.00	\$ 2.30	\$ 115.00	\$ 6.20	\$ 310.00	\$ 11.50	\$ 575.00	\$ 15.00	\$ 750.00		
122	8010-108-B-1	Conduit, Trenched, PVC Sch. 40, 3"	40	LF	\$ 11.00	\$ 440.00	\$ 3.00	\$ 120.00	\$ 6.40	\$ 256.00	\$ 11.70	\$ 468.00	\$ 15.00	\$ 600.00		
123	8010-108-B-2	Conduit, Re-route, Trenched, PVC - 4"	20	LF	\$ 15.00	\$ 300.00	\$ 15.60	\$ 312.00	\$ 10.30	\$ 206.00	\$ 15.60	\$ 312.00	\$ 35.00	\$ 700.00		
124	8010-108-B-1	Conduit, Trenched, 7-Way Futurepath	950	LF	\$ 6.00	\$ 5,700.00	\$ 2.90	\$ 2,755.00	\$ 4.10	\$ 3,895.00	\$ 9.40	\$ 8,930.00	\$ 15.00	\$ 14,250.00		
125	8010-108-B-3	Conduit, Re-route, Innerduct	20	LF	\$ 4.00	\$ 80.00	\$ 50.00	\$ 1,000.00	\$ 8.40	\$ 168.00	\$ 13.70	\$ 274.00	\$ 32.00	\$ 640.00		
126	Spec. Prov.	Concrete Encasement over Conduit, 2" Thickness	60	LF	\$ 20.00	\$ 1,200.00	\$ 25.00	\$ 1,500.00	\$ 22.00	\$ 1,320.00	\$ 17.10	\$ 1,026.00	\$ 25.00	\$ 1,500.00		
127	8010-108-C-0	Wiring and Cable, 3 AWG, XHHW-2	300	LF	\$ 2.50	\$ 750.00	\$ 1.90	\$ 570.00	\$ 1.60	\$ 480.00	\$ 1.50	\$ 450.00	\$ 1.82	\$ 546.00		
128	8010-108-C-0	Wiring and Cable, 10 AWG, XHHW-2	1800	LF	\$ 1.75	\$ 3,150.00	\$ 1.20	\$ 2,160.00	\$ 0.60	\$ 1,080.00	\$ 0.60	\$ 1,080.00	\$ 1.15	\$ 2,070.00		
129	8010-108-C-0	Wiring and Cable, 3C 8 AWG	165	LF	\$ 1.50	\$ 247.50	\$ 2.20	\$ 363.00	\$ 3.10	\$ 511.50	\$ 3.05	\$ 503.25	\$ 2.06	\$ 339.90		

Project Name: 22nd Street/Kaufmann Avenue Storm Sewer Improvements (White to Kleine) Option A			Bid Date 26-Feb-19		Engineer's Estimate		Portzen Construction		Langman Construction		Tschiggfrie Excavating		Legacy Corporation	
LINE NO.	REFERENCE NUMBER	BID ITEM DESCRIPTION	PLAN QUANTITY	UNIT	ESTIMATED UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE
130	8010-108-C-0	Wiring and Cable, 5C 14 AWG	590	LF	\$ 1.00	\$ 590.00	\$ 1.60	\$ 944.00	\$ 1.30	\$ 767.00	\$ 1.30	\$ 767.00	\$ 1.51	\$ 890.90
131	8010-108-C-0	Wiring and Cable, 7C 14 AWG	190	LF	\$ 1.20	\$ 228.00	\$ 1.80	\$ 342.00	\$ 1.60	\$ 304.00	\$ 1.60	\$ 304.00	\$ 1.72	\$ 326.80
132	8010-108-C-0	Wiring and Cable, 20C 14 AWG	415	LF	\$ 1.50	\$ 622.50	\$ 3.00	\$ 1,245.00	\$ 3.40	\$ 1,411.00	\$ 3.35	\$ 1,390.25	\$ 2.87	\$ 1,191.05
133	8010-108-C-0	Wiring and Cable, 10 AWG Solid, ProTrace HF-CCS-PE30	950	LF	\$ 1.00	\$ 950.00	\$ 1.20	\$ 1,140.00	\$ 0.80	\$ 760.00	\$ 0.75	\$ 712.50	\$ 1.14	\$ 1,083.00
134	8010-108-C-0	Wiring and Cable, 4 AWG XHHW Ground Green	675	LF	\$ 1.50	\$ 1,012.50	\$ 1.70	\$ 1,147.50	\$ 1.50	\$ 1,012.50	\$ 1.50	\$ 1,012.50	\$ 1.64	\$ 1,107.00
135	8010-108-C-0	Wiring and Cable, Fiber Optics, Install Existing 144 Strand	700	LF	\$ 6.00	\$ 4,200.00	\$ 1.85	\$ 1,295.00	\$ 6.90	\$ 4,830.00	\$ 6.90	\$ 4,830.00	\$ 1.57	\$ 1,099.00
136	8010-108-C-0	Wiring and Cable, Fiber Optics, 24 Strand Pigtail	20	LF	\$ 8.00	\$ 160.00	\$ 36.00	\$ 720.00	\$ 19.60	\$ 392.00	\$ 19.60	\$ 392.00	\$ 32.50	\$ 650.00
137	8010-108-C-0	Wiring and Cable, Fiber Optics, Splice Capsule	1	EA	\$ 500.00	\$ 500.00	\$ 625.00	\$ 625.00	\$ 1,246.00	\$ 1,246.00	\$ 1,200.00	\$ 1,200.00	\$ 595.00	\$ 595.00
138	8010-108-C-0	Wiring and Cable, Fiber Optics, Fusion Splices & Terminations	156	EA	\$ 75.00	\$ 11,700.00	\$ 20.50	\$ 3,198.00	\$ 22.60	\$ 3,525.60	\$ 22.60	\$ 3,525.60	\$ 19.72	\$ 3,076.32
139	8010-108-C-0	Wiring and Cable, Fiber Optics, Testing	144	EA	\$ 12.00	\$ 1,728.00	\$ 14.50	\$ 2,088.00	\$ 12.20	\$ 1,756.80	\$ 12.20	\$ 1,756.80	\$ 13.82	\$ 1,990.08
					Sub Total	\$ 45,908.50	Sub Total	\$ 28,058.50	Sub Total	\$ 33,497.40	Sub Total	\$ 47,909.90	Sub Total	\$ 54,545.05
Division 8010 - Traffic Signals & Lighting														
140	8010-108-C-0	Wiring and Cable, Pre-Emption	550	LF	\$ 1.50	\$ 825.00	\$ 2.10	\$ 1,155.00	\$ 1.60	\$ 880.00	\$ 1.55	\$ 852.50	\$ 1.99	\$ 1,094.50
141	8010-108-C-0	Wiring and Cable, Matrix Microwave	530	LF	\$ 1.50	\$ 795.00	\$ 2.10	\$ 1,113.00	\$ 2.70	\$ 1,431.00	\$ 2.60	\$ 1,378.00	\$ 1.99	\$ 1,054.70
142	8010-108-C-0	Wiring and Cable, PTZ	55	LF	\$ 1.50	\$ 82.50	\$ 1.35	\$ 74.25	\$ 1.20	\$ 66.00	\$ 1.20	\$ 66.00	\$ 1.28	\$ 70.40
143	8010-108-D.1	Street Light Precast Concrete Base, 2' Dia. x 7'	2	EA	\$ 1,200.00	\$ 2,400.00	\$ 1,205.00	\$ 2,410.00	\$ 964.00	\$ 1,928.00	\$ 1,300.00	\$ 2,600.00	\$ 2,100.00	\$ 4,200.00
144	8010-108-D.4	Traffic Controller Cabinet Precast Concrete Base	1	EA	\$ 1,750.00	\$ 1,750.00	\$ 1,370.00	\$ 1,370.00	\$ 1,175.00	\$ 1,175.00	\$ 772.00	\$ 772.00	\$ 2,500.00	\$ 2,500.00
145	8010-108-D.5	Electrical Service Control Pedestal Precast Concrete Base	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 2,400.00	\$ 2,400.00	\$ 2,175.00	\$ 2,175.00	\$ 1,800.00	\$ 1,800.00	\$ 2,300.00	\$ 2,300.00
146	8010-108-F.1	Fiber Optic Vault Precast Concrete	4	EA	\$ 4,500.00	\$ 18,000.00	\$ 3,885.00	\$ 15,540.00	\$ 3,510.00	\$ 14,040.00	\$ 3,200.00	\$ 12,800.00	\$ 3,800.00	\$ 15,200.00
147	8010-108-J-0	Electrical Service Pedestal with Battery Backup	1	EA	\$ 12,000.00	\$ 12,000.00	\$ 11,000.00	\$ 11,000.00	\$ 10,846.00	\$ 10,846.00	\$ 11,600.00	\$ 11,600.00	\$ 12,900.00	\$ 12,900.00
148	8010-108-K-0	Traffic Signal - Pedestal Pole Foundation	4	EA	\$ 1,500.00	\$ 6,000.00	\$ 1,880.00	\$ 7,520.00	\$ 501.00	\$ 2,004.00	\$ 1,600.00	\$ 6,400.00	\$ 2,500.00	\$ 10,000.00
149	8010-108-K-0	Traffic Signal - Pedestal Pole 3.5'	4	EA	\$ 250.00	\$ 1,000.00	\$ 445.00	\$ 1,780.00	\$ 450.00	\$ 1,800.00	\$ 450.00	\$ 1,800.00	\$ 429.00	\$ 1,716.00
150	8010-108-K-0	Traffic Signal - Pedestrian Push Button	5	EA	\$ 200.00	\$ 1,000.00	\$ 200.00	\$ 1,000.00	\$ 189.00	\$ 945.00	\$ 189.00	\$ 945.00	\$ 195.00	\$ 975.00
151	8010-108-K-0	Traffic Signal - Count Down 16" Pedestrian Signal Head	8	EA	\$ 420.00	\$ 3,360.00	\$ 710.00	\$ 5,680.00	\$ 517.00	\$ 4,136.00	\$ 517.00	\$ 4,136.00	\$ 689.00	\$ 5,512.00
152	8010-108-K-0	Traffic Signal - R-10-3E Pedestrian Crossing	5	EA	\$ 80.00	\$ 400.00	\$ 136.00	\$ 680.00	\$ 93.00	\$ 465.00	\$ 92.70	\$ 463.50	\$ 132.00	\$ 660.00
153	8010-108-K-0	Traffic Signal - R-10-50 Left Turn Yield on Flashing Yellow Arrow	4	EA	\$ 300.00	\$ 1,200.00	\$ 470.00	\$ 1,880.00	\$ 252.00	\$ 1,008.00	\$ 252.00	\$ 1,008.00	\$ 456.00	\$ 1,824.00
154	8010-108-K-0	Traffic Signal - 4 Section Head w/ Backplate w/ Skybracket Mount	4	EA	\$ 730.00	\$ 2,920.00	\$ 990.00	\$ 3,960.00	\$ 845.00	\$ 3,380.00	\$ 847.00	\$ 3,388.00	\$ 961.00	\$ 3,844.00
155	8010-108-K-0	Traffic Signal - Remove Cable	350	LF	\$ 0.70	\$ 245.00	\$ 1.00	\$ 350.00	\$ 2.60	\$ 910.00	\$ 2.60	\$ 910.00	\$ 0.85	\$ 297.50
156	8010-108-I-0	Traffic Controller Cabinet and Controller	1	EA	\$ 12,000.00	\$ 12,000.00	\$ 41,643.00	\$ 41,643.00	\$ 33,350.00	\$ 33,350.00	\$ 33,400.00	\$ 33,400.00	\$ 40,430.00	\$ 40,430.00
157	8010-108-M-0	Street Light	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 2,505.00	\$ 5,010.00	\$ 2,510.00	\$ 5,020.00	\$ 2,500.00	\$ 5,000.00	\$ 2,431.00	\$ 4,862.00
158	8010-108-N-1	Removal, Existing Handhole	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 328.00	\$ 328.00	\$ 369.00	\$ 369.00	\$ 980.00	\$ 980.00	\$ 275.00	\$ 275.00
159	8010-108-N-3	Removal, CIP or PC Concrete Base	2	EA	\$ 500.00	\$ 1,000.00	\$ 328.00	\$ 656.00	\$ 737.00	\$ 1,474.00	\$ 980.00	\$ 1,960.00	\$ 575.00	\$ 1,150.00
160	Spec. Prov.	Salvage Electrical Service Pedestal with Battery Backup and Traffic Signal Cabinet	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 515.00	\$ 515.00	\$ 1,355.00	\$ 1,355.00	\$ 1,400.00	\$ 1,400.00	\$ 500.00	\$ 500.00
161	Spec. Prov.	Retrofit or Reinstall Existing Signal Poles on New or Salvaged Mast Arm Base	4	EA	\$ 5,500.00	\$ 22,000.00	\$ 6,363.00	\$ 25,452.00	\$ 5,833.00	\$ 23,332.00	\$ 5,900.00	\$ 23,600.00	\$ 4,750.00	\$ 19,000.00
162	Spec. Prov.	Wavetronix Smartsensor Advanced Vehicle Detection System	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 25,400.00	\$ 25,400.00	\$ 29,277.00	\$ 29,277.00	\$ 29,300.00	\$ 29,300.00	\$ 24,660.00	\$ 24,660.00
					Sub Total	\$ 121,977.50	Sub Total	\$ 156,916.25	Sub Total	\$ 141,366.00	Sub Total	\$ 146,559.00	Sub Total	\$ 155,025.10
IDOT Division 2527 - Pavement Marking														
163	IDOT 2527.04-A-1	Painted Pavement Markings	33.53	STA	\$ 50.00	\$ 1,676.50	\$ 61.80	\$ 2,072.15	\$ 60.00	\$ 2,011.80	\$ 60.10	\$ 2,015.15	\$ 60.00	\$ 2,011.80
164	IDOT 2527.04-A-4	Painted Symbols and Legends	9	EA	\$ 82.00	\$ 738.00	\$ 103.00	\$ 927.00	\$ 100.00	\$ 900.00	\$ 100.00	\$ 900.00	\$ 100.00	\$ 900.00
165	IDOT 2527.04-A-10	Removable, Nonreflective, Preformed Tape	2.54	STA	\$ 150.00	\$ 381.00	\$ 185.50	\$ 471.17	\$ 180.00	\$ 457.20	\$ 180.00	\$ 457.20	\$ 180.00	\$ 457.20
					Sub Total	\$ 2,795.50	Sub Total	\$ 3,470.32	Sub Total	\$ 3,369.00	Sub Total	\$ 3,372.35	Sub Total	\$ 3,369.00
IDOT Division 2528 - Traffic Control														
166	IDOT 2528.04-A	Traffic Control	1	LS	\$ 125,000.00	\$ 125,000.00	\$ 78,000.00	\$ 78,000.00	\$ 71,900.00	\$ 71,900.00	\$ 72,100.00	\$ 72,100.00	\$ 71,900.00	\$ 71,900.00
					Sub Total	\$ 125,000.00	Sub Total	\$ 78,000.00	Sub Total	\$ 71,900.00	Sub Total	\$ 72,100.00	Sub Total	\$ 71,900.00
Division 9010 - Seeding														
167	9010-108-B-0	Hydraulic - Seeding, Fertilizing, and Mulching, Type 1	0.12	AC	\$ 12,000.00	\$ 1,440.00	\$ 17,000.00	\$ 2,040.00	\$ 16,000.00	\$ 1,920.00	\$ 16,000.00	\$ 1,920.00	\$ 9,500.00	\$ 1,140.00
					Sub Total	\$ 1,440.00	Sub Total	\$ 2,040.00	Sub Total	\$ 1,920.00	Sub Total	\$ 1,920.00	Sub Total	\$ 1,140.00
Division 9040 - Erosion and Sediment Control														
168	9040-108-A-2	SWPPP Management	1	LS	\$ 2,225.00	\$ 2,225.00	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00	\$ 10,000.00	\$ 10,000.00	\$ 8,500.00	\$ 8,500.00
169	9040-108-D-1	Filter Socks, 8"	670	LF	\$ 4.50	\$ 3,015.00	\$ 4.00	\$ 2,680.00	\$ 3.00	\$ 2,010.00	\$ 4.00	\$ 2,680.00	\$ 3.00	\$ 2,010.00
170	9040-108-D-2	Filter Socks, Removal	670	LF	\$ 0.80	\$ 536.00	\$ 0.50	\$ 335.00	\$ 1.00	\$ 670.00	\$ 1.50	\$ 1,005.00	\$ 1.00	\$ 670.00
171	9040-108-O-2	Stabilized Construction Entrance Wt	120	TON	\$ 25.00	\$ 3,000.00	\$ 25.00	\$ 3,000.00	\$ 25.00	\$ 3,000.00	\$ 18.40	\$ 2,208.00	\$ 23.00	\$ 2,760.00
172	9040-108-N-1	Silt Fence or Silt Fence Ditch Check	670	LF	\$ 3.00	\$ 2,010.00	\$ 2.00	\$ 1,340.00	\$ 3.00	\$ 2,010.00	\$ 3.50	\$ 2,345.00	\$ 3.00	\$ 2,010.00
173	9040-108-N-2	Silt Fence or Silt Fence Ditch Check, Removal of Sediment	670	LF	\$ 1.00	\$ 670.00	\$ 1.00	\$ 670.00	\$ 0.50	\$ 335.00	\$ 3.50	\$ 2,345.00	\$ 0.50	\$ 335.00
174	9040-108-N-3	Silt Fence or Silt Fence Ditch Check, Removal of Device	670	LF	\$ 0.50	\$ 335.00	\$ 0.50	\$ 335.00	\$ 1.00	\$ 670.00	\$ 1.50	\$ 1,005.00	\$ 1.00	\$ 670.00
175	9040-108-T-1	Inlet Protection Device, Type A	6	EA	\$ 150.00	\$ 900.00	\$ 100.00	\$ 600.00	\$ 250.00	\$ 1,500.00	\$ 150.00	\$ 900.00	\$ 250.00	\$ 1,500.00

Project Name: 22nd Street/Kaufmann Avenue Storm Sewer Improvements (White to Kleine) Option A			Bid Date 26-Feb-19		Engineer's Estimate		Portzen Construction		Langman Construction		Tschiggfrie Excavating		Legacy Corporation	
LINE NO.	REFERENCE NUMBER	BID ITEM DESCRIPTION	PLAN QUANTITY	UNIT	ESTIMATED UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE
176	9040-108-T-1	Inlet Protection Device, Type B	5	EA	\$ 205.00	\$ 1,025.00	\$ 150.00	\$ 750.00	\$ 250.00	\$ 1,250.00	\$ 200.00	\$ 1,000.00	\$ 250.00	\$ 1,250.00
177	9040-108-T-2	Inlet Protection Device, Maintenance	11	EA	\$ 40.00	\$ 440.00	\$ 50.00	\$ 550.00	\$ 100.00	\$ 1,100.00	\$ 179.00	\$ 1,969.00	\$ 100.00	\$ 1,100.00
178	Spec. Prov.	Dust Control	1	LS	\$ 6,000.00	\$ 6,000.00	\$ 3,500.00	\$ 3,500.00	\$ 1.00	\$ 1.00	\$ 5,900.00	\$ 5,900.00	\$ 4,500.00	\$ 4,500.00
					Sub Total	\$ 20,156.00	Sub Total	\$ 16,760.00	Sub Total	\$ 13,546.00	Sub Total	\$ 31,357.00	Sub Total	\$ 25,305.00
Division 9060 - Chain Link Fence														
179	9060-108-D-0	Removal and Reinstallation of Existing Fence, Wood	50	LF	\$ 20.00	\$ 1,000.00	\$ 65.00	\$ 3,250.00	\$ 17.00	\$ 850.00	\$ 45.10	\$ 2,255.00	\$ 20.00	\$ 1,000.00
					Sub Total	\$ 1,000.00	Sub Total	# \$ 3,250.00	Sub Total	# \$ 850.00	Sub Total	# \$ 2,255.00	Sub Total	# \$ 1,000.00
Division 9070 - Landscape Retaining Walls														
180	9070-108-B-0	Limestone Retaining Wall	39.4	SF	\$ 100.00	\$ 3,940.00	\$ 125.00	\$ 4,925.00	\$ 150.00	\$ 5,910.00	\$ 113.00	\$ 4,452.20	\$ 125.00	\$ 4,925.00
181	9070-108-C-0	Remove and Reinstall Wood Retaining Wall	44	SF	\$ 50.00	\$ 2,200.00	\$ 50.00	\$ 2,200.00	\$ 45.00	\$ 1,980.00	\$ 45.10	\$ 1,984.40	\$ 65.00	\$ 2,860.00
					Sub Total	\$ 6,140.00	Sub Total	# \$ 7,125.00	Sub Total	# \$ 7,890.00	Sub Total	# \$ 6,436.60	Sub Total	# \$ 7,785.00
Division 9072 - Combined Concrete Sidewalk and Retaining Wall														
182	9072-108-A-0	Combined Concrete Sidewalk and Retaining Wall	1.6	CY	\$ 1,000.00	\$ 1,600.00	\$ 875.00	\$ 1,400.00	\$ 850.00	\$ 1,360.00	\$ 867.00	\$ 1,387.20	\$ 1,500.00	\$ 2,400.00
					Sub Total	\$ 1,600.00	Sub Total	# \$ 1,400.00	Sub Total	# \$ 1,360.00	Sub Total	# \$ 1,387.20	Sub Total	# \$ 2,400.00
Division 9080 - Concrete Steps, Handrails, and Safety Rail														
183	9080-108-A-0	Concrete Steps, Type A	132.4	SF	\$ 125.00	\$ 16,550.00	\$ 50.00	\$ 6,620.00	\$ 65.00	\$ 8,606.00	\$ 227.00	\$ 30,054.80	\$ 150.00	\$ 19,860.00
184	9080-108-B-0	Handrail, Steel	64	LF	\$ 180.00	\$ 11,430.00	\$ 175.00	\$ 11,112.50	\$ 127.00	\$ 8,064.50	\$ 151.00	\$ 9,588.50	\$ 160.00	\$ 10,160.00
185	9080-108-B-0	Handrail, Ornamental	19	LF	\$ 225.00	\$ 4,162.50	\$ 200.00	\$ 3,700.00	\$ 225.00	\$ 4,162.50	\$ 220.00	\$ 4,070.00	\$ 180.00	\$ 3,330.00
					Sub Total	\$ 32,142.50	Sub Total	# \$ 21,432.50	Sub Total	# \$ 20,833.00	Sub Total	# \$ 43,713.30	Sub Total	# \$ 33,350.00
Division 11 - Miscellaneous														
186	11020-108-A-0	Mobilization	1	LS	\$ 150,000.00	\$ 150,000.00	\$ 285,000.00	\$ 285,000.00	\$ 346,000.00	\$ 346,000.00	\$ 198,000.00	\$ 198,000.00	\$ 90,108.00	\$ 90,108.00
187	11040-108-A-0	Temporary Sidewalk - Residential Access	350	SY	\$ 11.50	\$ 4,025.00	\$ 36.00	\$ 12,600.00	\$ 7.00	\$ 2,450.00	\$ 31.20	\$ 10,920.00	\$ 58.00	\$ 20,300.00
188	11050-108-A-0	Concrete Washout	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,100.00	\$ 1,100.00	\$ 2,500.00	\$ 2,500.00
189	11030-108-A-0	Temporary Services During Construction - Postal Service	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,700.00	\$ 2,700.00	\$ 1,400.00	\$ 1,400.00
190	Spec. Prov.	Temporary Surfacing - Granular Surfacing	275	TON	\$ 15.00	\$ 4,125.00	\$ 19.00	\$ 5,225.00	\$ 25.00	\$ 6,875.00	\$ 19.80	\$ 5,445.00	\$ 20.00	\$ 5,500.00
191	Spec. Prov.	Temporary Shoring Fire Escape at 2204 Central Ave	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 3,600.00	\$ 3,600.00	\$ 3,000.00	\$ 3,000.00
192	Spec. Prov.	Site Security Fencing	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00	\$ 10,000.00	\$ 10,000.00	\$ 29,900.00	\$ 29,900.00	\$ 14,000.00	\$ 14,000.00
193	Spec. Prov.	Individual Resident Access	30	DAY	\$ 250.00	\$ 7,500.00	\$ 200.00	\$ 6,000.00	\$ 10.00	\$ 300.00	\$ 358.00	\$ 10,740.00	\$ 100.00	\$ 3,000.00
194	Spec. Prov.	Flowable Mortar	1	CY	\$ 500.00	\$ 500.00	\$ 300.00	\$ 300.00	\$ 1,000.00	\$ 1,000.00	\$ 140.00	\$ 140.00	\$ 500.00	\$ 500.00
195	Spec. Prov.	Decorative Stone	35	TON	\$ 25.00	\$ 875.00	\$ 85.00	\$ 2,975.00	\$ 75.00	\$ 2,625.00	\$ 75.20	\$ 2,632.00	\$ 85.00	\$ 2,975.00
196	Spec. Prov.	Landscaping Fabric	48	SY	\$ 5.50	\$ 264.00	\$ 4.00	\$ 192.00	\$ 3.00	\$ 144.00	\$ 3.65	\$ 175.20	\$ 2.50	\$ 120.00
197	Spec. Prov.	Removal of Concrete Retaining Wall	71	LF	\$ 6.00	\$ 426.00	\$ 35.00	\$ 2,485.00	\$ 30.00	\$ 2,130.00	\$ 45.10	\$ 3,202.10	\$ 10.00	\$ 710.00
					Sub Total	\$ 199,215.00	Sub Total	# \$ 344,777.00	Sub Total	# \$ 374,524.00	Sub Total	# \$ 268,554.30	Sub Total	# \$ 144,113.00
					Total Est.	\$ 2,956,255.75	Total Bid	\$ 2,349,054.47	Total Bid	\$ 2,673,057.91	Total Bid	\$ 2,878,505.39	Total Bid	\$ 2,986,252.04
% Over / Under (-)							-20.54%		-9.58%		-2.63%		1.01%	