

CITY OF LAWRENCE, KANSAS  
 Project No.: PW1622 & PW1528 - City Bid No. 22061  
 Queens Road Public Improvements (6th Street to North City Limits)  
 Bid Date: September 20, 2022  
 Bid Tabulations

ITEM NO.	DESCRIPTION	UNITS	QUANTITY	Engineer Estimate		RD Johnson Excavating Company, LLC		Amino Brothers Co., Inc.		King's Construction	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>PW1622 - 6th Street &amp; Queens Road</b>											
1	Contractor Construction Staking	Lump Sum	1	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,010.00	\$ 1,010.00	\$ 25,000.00	\$ 25,000.00
2	Removal of Existing Structures	Lump Sum	1	\$ 5,000.00	\$ 5,000.00	\$ 7,000.00	\$ 7,000.00	\$ 733.00	\$ 733.00	\$ 15,000.00	\$ 15,000.00
3	Temporary Traffic Control	Lump Sum	1	\$ 15,000.00	\$ 15,000.00	\$ 5,500.00	\$ 5,500.00	\$ 19,648.00	\$ 19,648.00	\$ 6,500.00	\$ 6,500.00
4	Stormwater Pollution Prevention	Lump Sum	1	\$ 1,500.00	\$ 1,500.00	\$ 1,250.00	\$ 1,250.00	\$ 2,245.00	\$ 2,245.00	\$ 15,000.00	\$ 15,000.00
5	Temporary Seeding	Lump Sum	1	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 898.00	\$ 898.00	\$ 4,000.00	\$ 4,000.00
6	Seeding, Fertilizing, and Mulching	Lump Sum	1	\$ 2,500.00	\$ 2,500.00	\$ 1,800.00	\$ 1,800.00	\$ 1,010.00	\$ 1,010.00	\$ 5,000.00	\$ 5,000.00
7	Traffic Signal System	Lump Sum	1	\$ 350,000.00	\$ 350,000.00	\$ 348,600.00	\$ 348,600.00	\$ 379,005.00	\$ 379,005.00	\$332,000.00	\$ 332,000.00
8	Radar Detection System	Lump Sum	1	\$ 50,000.00	\$ 50,000.00	\$ 34,650.00	\$ 34,650.00	\$ 37,672.00	\$ 37,672.00	\$ 33,000.00	\$ 33,000.00
9	Emergency Vehicle System	Lump Sum	1	\$ 25,000.00	\$ 25,000.00	\$ 10,500.00	\$ 10,500.00	\$ 11,416.00	\$ 11,416.00	\$ 10,000.00	\$ 10,000.00
10	Concrete Median Nose (AE)(Taper Height)	Each	1	\$ 10,000.00	\$ 10,000.00	\$ 4,000.00	\$ 4,000.00	\$ 7,829.00	\$ 7,829.00	\$ 3,350.00	\$ 3,350.00
11	Concrete Sidewalk (4")	S.Y.	64	\$ 75.00	\$ 4,800.00	\$ 42.00	\$ 2,688.00	\$ 45.45	\$ 2,908.80	\$ 70.00	\$ 4,480.00
12	Concrete Shared Use Path (6" Fiber Reinf.)(AE)	S.Y.	66	\$ 100.00	\$ 6,600.00	\$ 44.50	\$ 2,937.00	\$ 56.15	\$ 3,705.90	\$ 70.00	\$ 4,620.00
13	Concrete Access Ramp (5' Width) (AE)(4K)	Each	1	\$ 2,000.00	\$ 2,000.00	\$ 1,550.00	\$ 1,550.00	\$ 1,429.00	\$ 1,429.00	\$ 2,000.00	\$ 2,000.00
14	Concrete Access Ramp (10' Width) (AE)(4K)	Each	2	\$ 3,000.00	\$ 6,000.00	\$ 2,250.00	\$ 4,500.00	\$ 2,460.00	\$ 4,920.00	\$ 3,500.00	\$ 7,000.00
15	Pavement Marking (PTP)(White)(24")	Lin. Ft.	522	\$ 25.00	\$ 13,050.00	\$ 20.00	\$ 10,440.00	\$ 13.45	\$ 7,020.90	\$ 18.00	\$ 9,396.00
<b>Subtotal A</b>					<b>\$ 495,450.00</b>		<b>\$ 437,915.00</b>		<b>\$ 481,450.60</b>		<b>\$ 476,346.00</b>
<b>PW1528 - Queens Road Public Improvements</b>											
1	Contractor Construction Staking	Lump Sum	1	\$ 50,000.00	\$ 50,000.00	\$ 49,250.00	\$ 49,250.00	\$ 41,541.00	\$ 41,541.00	\$ 50,000.00	\$ 50,000.00
2	Mobilization	Lump Sum	1	\$ 300,000.00	\$ 300,000.00	\$ 245,000.00	\$ 245,000.00	\$ 58,348.00	\$ 58,348.00	\$852,240.00	\$ 852,240.00
3	Removal of Existing Structures	Lump Sum	1	\$ 50,000.00	\$ 50,000.00	\$ 10,000.00	\$ 10,000.00	\$ 3,664.00	\$ 3,664.00	\$ 35,000.00	\$ 35,000.00
4	Temporary Traffic Control	Lump Sum	1	\$ 25,000.00	\$ 25,000.00	\$ 40,000.00	\$ 40,000.00	\$ 21,893.00	\$ 21,893.00	\$ 40,000.00	\$ 40,000.00
5	Stormwater Pollution Prevention	Lump Sum	1	\$ 50,000.00	\$ 50,000.00	\$ 16,700.00	\$ 16,700.00	\$ 11,227.00	\$ 11,227.00	\$ 25,000.00	\$ 25,000.00
6	Curb Inlet Sediment Barrier (Temp.)	Each	31	\$ 150.00	\$ 4,650.00	\$ 180.00	\$ 5,580.00	\$ 168.00	\$ 5,208.00	\$ 125.00	\$ 3,875.00
7	Curb Inlet Sediment Barrier (Long-Term)	Lin. Ft.	310	\$ 10.00	\$ 3,100.00	\$ 6.75	\$ 2,092.50	\$ 6.75	\$ 2,092.50	\$ 175.00	\$ 54,250.00
8	Slope Barrier	Lin. Ft.	5,000	\$ 4.00	\$ 20,000.00	\$ 1.50	\$ 7,500.00	\$ 1.50	\$ 7,500.00	\$ 2.00	\$ 10,000.00
9	Erosion Control Blanket (KDOT Class 1, Type C)	S.Y.	2,750	\$ 5.00	\$ 13,750.00	\$ 2.25	\$ 6,187.50	\$ 2.25	\$ 6,187.50	\$ 2.25	\$ 6,187.50
10	Temp. Gravel Construction Ent. Pad	Each	2	\$ 2,500.00	\$ 5,000.00	\$ 1,700.00	\$ 3,400.00	\$ 722.00	\$ 1,444.00	\$ 1,500.00	\$ 3,000.00
11	Concrete Washout	Each	2	\$ 1,500.00	\$ 3,000.00	\$ 680.00	\$ 1,360.00	\$ 1,684.00	\$ 3,368.00	\$ 750.00	\$ 1,500.00
12	Temporary Seeding	Lump Sum	1	\$ 25,000.00	\$ 25,000.00	\$ 9,400.00	\$ 9,400.00	\$ 25,149.00	\$ 25,149.00	\$ 16,000.00	\$ 16,000.00
13	Seeding, Fertilizing, and Mulching	Lump Sum	1	\$ 50,000.00	\$ 50,000.00	\$ 14,250.00	\$ 14,250.00	\$ 28,742.00	\$ 28,742.00	\$ 20,000.00	\$ 20,000.00
14	Landscaping	Lump Sum	1	\$ 50,000.00	\$ 50,000.00	\$ 78,000.00	\$ 78,000.00	\$ 81,688.00	\$ 81,688.00	\$ 73,000.00	\$ 73,000.00
15	Remove and Reset Existing Fence	Lin. Ft.	340	\$ 35.00	\$ 11,900.00	\$ 22.25	\$ 7,565.00	\$ 58.40	\$ 19,856.00	\$ 25.00	\$ 8,500.00
16	Clearing and Grubbing	Lump Sum	1	\$ 30,000.00	\$ 30,000.00	\$ 85,000.00	\$ 85,000.00	\$ 81,286.00	\$ 81,286.00	\$ 50,000.00	\$ 50,000.00
17	Pavement Removal	S.Y.	14,890	\$ 10.00	\$ 148,900.00	\$ 7.00	\$ 104,230.00	\$ 7.70	\$ 114,653.00	\$ 4.00	\$ 59,560.00
18	Sidewalk Removal	S.Y.	488	\$ 15.00	\$ 7,320.00	\$ 18.00	\$ 8,784.00	\$ 7.80	\$ 3,806.40	\$ 3.50	\$ 1,708.00
19	Shared Use Path Removal	S.Y.	177	\$ 15.00	\$ 2,655.00	\$ 19.00	\$ 3,363.00	\$ 10.45	\$ 1,849.65	\$ 4.00	\$ 708.00
20	Unclassified Excavation	C.Y.	29,165	\$ 15.00	\$ 437,475.00	\$ 18.00	\$ 524,970.00	\$ 28.85	\$ 841,410.25	\$ 21.00	\$ 612,465.00
21	Embankment	C.Y.	6,451	\$ 6.00	\$ 38,706.00	\$ 7.00	\$ 45,157.00	\$ 5.20	\$ 33,545.20	\$ 7.00	\$ 45,157.00
22	Flyash or Cement Treated Subgrade (9")	S.Y.	24,530	\$ 8.00	\$ 196,240.00	\$ 6.20	\$ 152,086.00	\$ 6.50	\$ 159,445.00	\$ 6.25	\$ 153,312.50
23	Concrete Pavement (4" Plain) (AE)(4K)(Median)	S.Y.	56	\$ 150.00	\$ 8,400.00	\$ 140.00	\$ 7,840.00	\$ 92.25	\$ 5,166.00	\$ 96.00	\$ 5,376.00
24	Concrete Pavement (6" Reinf.) (AE)(4K)	S.Y.	431	\$ 80.00	\$ 34,480.00	\$ 60.00	\$ 25,860.00	\$ 64.30	\$ 27,713.30	\$ 58.00	\$ 24,998.00
25	Concrete Pavement (8" Reinf.) (AE)(4K)	S.Y.	1,577	\$ 85.00	\$ 134,045.00	\$ 80.50	\$ 126,948.50	\$ 74.30	\$ 117,171.10	\$ 70.90	\$ 111,809.30

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				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
26	Concrete Pavement (9" NRDJ)(AE)(4K)(Colored/Stamped)	S.Y.	258	\$ 125.00	\$ 32,250.00	\$ 150.00	\$ 38,700.00	\$ 102.00	\$ 26,316.00	\$ 121.55	\$ 31,359.90
27	Concrete Pavement (10" NRDJ) (AE)(4K)	S.Y.	590	\$ 100.00	\$ 59,000.00	\$ 110.00	\$ 64,900.00	\$ 114.00	\$ 67,260.00	\$ 98.85	\$ 58,321.50
28	Asphalt Base Course	Tons	338	\$ 125.00	\$ 42,250.00	\$ 109.00	\$ 36,842.00	\$ 111.00	\$ 37,518.00	\$ 122.55	\$ 41,421.90
29	Asphalt Surface Course	Tons	95	\$ 130.00	\$ 12,350.00	\$ 120.00	\$ 11,400.00	\$ 178.00	\$ 16,910.00	\$ 157.30	\$ 14,943.50
30	Underdrain for Median Nose	Lin. Ft.	475	\$ 30.00	\$ 14,250.00	\$ 45.00	\$ 21,375.00	\$ 26.40	\$ 12,540.00	\$ 25.00	\$ 11,875.00
31	Concrete Median Nose (AE)(4K)	Each	6	\$ 1,500.00	\$ 9,000.00	\$ 1,400.00	\$ 8,400.00	\$ 1,461.00	\$ 8,766.00	\$ 1,265.00	\$ 7,590.00
32	Concrete Curb And Gutter (AE)(All Types)	Lin. Ft.	14,967	\$ 30.00	\$ 449,010.00	\$ 25.00	\$ 374,175.00	\$ 20.45	\$ 306,075.15	\$ 21.85	\$ 327,028.95
33	Concrete Curb (C-1 Straight)(AE)	Lin. Ft.	201	\$ 50.00	\$ 10,050.00	\$ 33.50	\$ 6,733.50	\$ 47.70	\$ 9,587.70	\$ 24.70	\$ 4,964.70
34	Concrete Curb (6" Integral)(AE)	Lin. Ft.	286	\$ 30.00	\$ 8,580.00	\$ 25.00	\$ 7,150.00	\$ 22.55	\$ 6,449.30	\$ 6.80	\$ 1,944.80
35	Concrete Sidewalk (4")(AE)	S.Y.	2,313	\$ 50.00	\$ 115,650.00	\$ 43.00	\$ 99,459.00	\$ 46.05	\$ 106,513.65	\$ 47.00	\$ 108,711.00
36	Concrete Shared Use Path (6" Fiber Reinf.)(AE)	S.Y.	4,232	\$ 60.00	\$ 253,920.00	\$ 48.50	\$ 205,252.00	\$ 60.35	\$ 255,401.20	\$ 54.00	\$ 228,528.00
37	Concrete Shared Use Path (6" Steel Reinf.)(AE)	S.Y.	810	\$ 70.00	\$ 56,700.00	\$ 81.00	\$ 65,610.00	\$ 74.00	\$ 59,940.00	\$ 75.00	\$ 60,750.00
38	Concrete Shared Use Path Pier (24" Dia.)(Reinf.)(4K)	Each	8	\$ 1,000.00	\$ 8,000.00	\$ 170.00	\$ 1,360.00	\$ 2,153.00	\$ 17,224.00	\$ 1,200.00	\$ 9,600.00
39	Concrete Access Ramp (5' Width) (AE)(4K)	Each	7	\$ 1,250.00	\$ 8,750.00	\$ 1,370.00	\$ 9,590.00	\$ 1,778.00	\$ 12,446.00	\$ 1,500.00	\$ 10,500.00
40	Concrete Access Ramp (6' Width) (AE)(4K)	Each	2	\$ 1,500.00	\$ 3,000.00	\$ 1,840.00	\$ 3,680.00	\$ 1,882.00	\$ 3,764.00	\$ 1,750.00	\$ 3,500.00
41	Concrete Access Ramp (10' Width) (AE)(4K)	Each	15	\$ 2,000.00	\$ 30,000.00	\$ 1,990.00	\$ 29,850.00	\$ 2,672.00	\$ 40,080.00	\$ 3,000.00	\$ 45,000.00
42	Concrete Bicycle Ramp (6" Reinf.) (AE)(4K)	Each	8	\$ 1,500.00	\$ 12,000.00	\$ 1,150.00	\$ 9,200.00	\$ 1,788.00	\$ 14,304.00	\$ 1,200.00	\$ 9,600.00
43	Integral Retaining Wall (18")	Lin. Ft.	363	\$ 75.00	\$ 27,225.00	\$ 80.00	\$ 29,040.00	\$ 152.00	\$ 55,176.00	\$ 68.00	\$ 24,684.00
44	Integral Retaining Wall (36")	Lin. Ft.	178	\$ 100.00	\$ 17,800.00	\$ 102.50	\$ 18,245.00	\$ 194.00	\$ 34,532.00	\$ 118.00	\$ 21,004.00
45	Retaining Wall (RediRock or App'd. Equal)	F.S.F.	2,320	\$ 50.00	\$ 116,000.00	\$ 53.00	\$ 122,960.00	\$ 82.20	\$ 190,704.00	\$ 56.50	\$ 131,080.00
46	Concrete Mow Pad (4" Plain)(AE)(4K)	S.Y.	146	\$ 50.00	\$ 7,300.00	\$ 49.00	\$ 7,154.00	\$ 54.55	\$ 7,964.30	\$ 75.00	\$ 10,950.00
47	Pavement Marking (PCP)(Yellow)(4")	Lin. Ft.	2,254	\$ 4.00	\$ 9,016.00	\$ 3.50	\$ 7,889.00	\$ 5.60	\$ 12,622.40	\$ 3.00	\$ 6,762.00
48	Pavement Marking (PCP)(Yellow)(12")	Lin. Ft.	20	\$ 25.00	\$ 500.00	\$ 13.00	\$ 260.00	\$ 9.00	\$ 180.00	\$ 12.00	\$ 240.00
49	Pavement Marking (PCP)(White)(6")	Lin. Ft.	7,103	\$ 5.00	\$ 35,515.00	\$ 5.00	\$ 35,515.00	\$ 6.75	\$ 47,945.25	\$ 4.50	\$ 31,963.50
50	Pavement Marking (PTP)(White)(12")	Lin. Ft.	32	\$ 20.00	\$ 640.00	\$ 13.00	\$ 416.00	\$ 9.00	\$ 288.00	\$ 12.00	\$ 384.00
51	Pavement Marking (PTP)(White)(24")	Lin. Ft.	365	\$ 25.00	\$ 9,125.00	\$ 26.00	\$ 9,490.00	\$ 17.95	\$ 6,551.75	\$ 18.00	\$ 6,570.00
52	Pavement Marking Symbol (PTP)(White)(Yield)	Each	16	\$ 90.00	\$ 1,440.00	\$ 500.00	\$ 8,000.00	\$ 112.00	\$ 1,792.00	\$ 450.00	\$ 7,200.00
53	Pavement Marking Symbol (PTP)(White)(LT Arrow)	Each	8	\$ 250.00	\$ 2,000.00	\$ 400.00	\$ 3,200.00	\$ 393.00	\$ 3,144.00	\$ 350.00	\$ 2,800.00
54	Pavement Marking Symbol (PTP)(White)(Bicycle Rider)	Each	13	\$ 400.00	\$ 5,200.00	\$ 225.00	\$ 2,925.00	\$ 449.00	\$ 5,837.00	\$ 200.00	\$ 2,600.00
55	Pavement Marking Symbol (PTP)(White)(Bicycle Arrow)	Each	13	\$ 200.00	\$ 2,600.00	\$ 225.00	\$ 2,925.00	\$ 225.00	\$ 2,925.00	\$ 200.00	\$ 2,600.00
56	Permanent Signing	Lump Sum	1	\$ 15,011.00	\$ 15,011.00	\$ 16,800.00	\$ 16,800.00	\$ 23,353.00	\$ 23,353.00	\$ 15,000.00	\$ 15,000.00
57	Queens Rd/Overland Dr Roundabout Street Lighting	Lump Sum	1	\$ 75,000.00	\$ 75,000.00	\$ 45,000.00	\$ 45,000.00	\$ 47,946.00	\$ 47,946.00	\$ 42,000.00	\$ 42,000.00
58	Curb Inlet (6'x4')	Each	16	\$ 6,000.00	\$ 96,000.00	\$ 5,100.00	\$ 81,600.00	\$ 6,582.00	\$ 105,312.00	\$ 5,400.00	\$ 86,400.00
59	Curb Inlet (6'x6')	Each	15	\$ 7,000.00	\$ 105,000.00	\$ 6,580.00	\$ 98,700.00	\$ 7,834.00	\$ 117,510.00	\$ 7,280.00	\$ 109,200.00
60	Curb Inlet (10'x4')	Each	1	\$ 8,000.00	\$ 8,000.00	\$ 7,100.00	\$ 7,100.00	\$ 9,713.00	\$ 9,713.00	\$ 6,825.00	\$ 6,825.00
61	Field Inlet (6'x6')	Each	1	\$ 6,500.00	\$ 6,500.00	\$ 7,400.00	\$ 7,400.00	\$ 9,155.00	\$ 9,155.00	\$ 7,250.00	\$ 7,250.00
62	Junction Box (4' Diameter)	Each	1	\$ 5,000.00	\$ 5,000.00	\$ 4,050.00	\$ 4,050.00	\$ 4,794.00	\$ 4,794.00	\$ 5,475.00	\$ 5,475.00
63	Convert Field Inlet to Junction Box	Each	1	\$ 3,000.00	\$ 3,000.00	\$ 2,550.00	\$ 2,550.00	\$ 2,461.00	\$ 2,461.00	\$ 2,500.00	\$ 2,500.00
64	15" Storm Sewer (HDPE,RCP)	Lin. Ft.	420	\$ 70.00	\$ 29,400.00	\$ 75.00	\$ 31,500.00	\$ 73.35	\$ 30,807.00	\$ 98.00	\$ 41,160.00
65	15" Storm Sewer (RCP)	Lin. Ft.	611	\$ 75.00	\$ 45,825.00	\$ 95.00	\$ 58,045.00	\$ 80.35	\$ 49,093.85	\$ 120.00	\$ 73,320.00
66	18" Storm Sewer (RCP)	Lin. Ft.	8	\$ 150.00	\$ 1,200.00	\$ 135.00	\$ 1,080.00	\$ 101.00	\$ 808.00	\$ 245.00	\$ 1,960.00
67	24" Storm Sewer (HDPE,RCP)	Lin. Ft.	215	\$ 90.00	\$ 19,350.00	\$ 135.00	\$ 29,025.00	\$ 92.75	\$ 19,941.25	\$ 140.00	\$ 30,100.00
68	24" Storm Sewer (RCP)	Lin. Ft.	40	\$ 100.00	\$ 4,000.00	\$ 210.00	\$ 8,400.00	\$ 97.00	\$ 3,880.00	\$ 152.00	\$ 6,080.00
69	30" Storm Sewer (RCP)	Lin. Ft.	194	\$ 125.00	\$ 24,250.00	\$ 105.00	\$ 20,370.00	\$ 159.00	\$ 30,846.00	\$ 191.00	\$ 37,054.00
70	36" Storm Sewer (HDPE,RCP)	Lin. Ft.	2,743	\$ 115.00	\$ 315,445.00	\$ 165.00	\$ 452,595.00	\$ 160.00	\$ 438,880.00	\$ 190.00	\$ 521,170.00
71	36" Storm Sewer (RCP)	Lin. Ft.	262	\$ 130.00	\$ 34,060.00	\$ 175.00	\$ 45,850.00	\$ 184.00	\$ 48,208.00	\$ 220.00	\$ 57,640.00
72	42" Storm Sewer (RCP)	Lin. Ft.	50	\$ 150.00	\$ 7,500.00	\$ 390.00	\$ 19,500.00	\$ 225.00	\$ 11,250.00	\$ 273.00	\$ 13,650.00
73	15" End Section (RC)	Each	1	\$ 1,500.00	\$ 1,500.00	\$ 1,970.00	\$ 1,970.00	\$ 1,065.00	\$ 1,065.00	\$ 750.00	\$ 750.00

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				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
74	18" End Section (RC)	Each	1	\$ 2,000.00	\$ 2,000.00	\$ 1,900.00	\$ 1,900.00	\$ 1,147.00	\$ 1,147.00	\$ 900.00	\$ 900.00
75	42" End Section (RC)	Each	1	\$ 3,000.00	\$ 3,000.00	\$ 4,000.00	\$ 4,000.00	\$ 2,368.00	\$ 2,368.00	\$ 2,250.00	\$ 2,250.00
76	Rip Rap (Salvaged)	S.Y.	67	\$ 100.00	\$ 6,700.00	\$ 40.00	\$ 2,680.00	\$ 112.00	\$ 7,504.00	\$ 60.00	\$ 4,020.00
77	8" Waterline (PVC)(C900)	Lin. Ft.	124	\$ 100.00	\$ 12,400.00	\$ 63.00	\$ 7,812.00	\$ 88.40	\$ 10,961.60	\$ 150.00	\$ 18,600.00
78	12" Waterline (PVC)(C900)	Lin. Ft.	4,387	\$ 150.00	\$ 658,050.00	\$ 120.00	\$ 526,440.00	\$ 116.00	\$ 508,892.00	\$ 218.00	\$ 956,366.00
79	12"x12" MJ Tee	Each	4	\$ 2,500.00	\$ 10,000.00	\$ 1,900.00	\$ 7,600.00	\$ 2,525.00	\$ 10,100.00	\$ 2,325.00	\$ 9,300.00
80	12"x8" MJ Tee	Each	4	\$ 2,000.00	\$ 8,000.00	\$ 1,625.00	\$ 6,500.00	\$ 2,057.00	\$ 8,228.00	\$ 2,200.00	\$ 8,800.00
81	12"x6" MJ Tee	Each	6	\$ 1,500.00	\$ 9,000.00	\$ 1,425.00	\$ 8,550.00	\$ 1,965.00	\$ 11,790.00	\$ 2,150.00	\$ 12,900.00
82	8"x45° MJ Bend	Each	2	\$ 750.00	\$ 1,500.00	\$ 775.00	\$ 1,550.00	\$ 901.00	\$ 1,802.00	\$ 985.00	\$ 1,970.00
83	8"x11 1/4° MJ Bend	Each	4	\$ 750.00	\$ 3,000.00	\$ 275.00	\$ 1,100.00	\$ 873.00	\$ 3,492.00	\$ 950.00	\$ 3,800.00
84	6"x90° MJ Bend	Each	3	\$ 500.00	\$ 1,500.00	\$ 625.00	\$ 1,875.00	\$ 814.00	\$ 2,442.00	\$ 850.00	\$ 2,550.00
85	12"x90° MJ Bend	Each	1	\$ 1,000.00	\$ 1,000.00	\$ 1,350.00	\$ 1,350.00	\$ 1,655.00	\$ 1,655.00	\$ 1,950.00	\$ 1,950.00
86	12"x45° MJ Bend	Each	24	\$ 1,000.00	\$ 24,000.00	\$ 1,200.00	\$ 28,800.00	\$ 1,546.00	\$ 37,104.00	\$ 1,800.00	\$ 43,200.00
87	12"x22 1/2° MJ Bend	Each	13	\$ 1,000.00	\$ 13,000.00	\$ 1,180.00	\$ 15,340.00	\$ 1,482.00	\$ 19,266.00	\$ 1,750.00	\$ 22,750.00
88	12"x11 1/4° MJ Bend	Each	4	\$ 1,000.00	\$ 4,000.00	\$ 1,150.00	\$ 4,600.00	\$ 1,449.00	\$ 5,796.00	\$ 1,700.00	\$ 6,800.00
89	8" MJ Gate Valve	Each	3	\$ 2,250.00	\$ 6,750.00	\$ 2,400.00	\$ 7,200.00	\$ 2,447.00	\$ 7,341.00	\$ 2,150.00	\$ 6,450.00
90	12" MJ Gate Valve	Each	11	\$ 3,000.00	\$ 33,000.00	\$ 4,100.00	\$ 45,100.00	\$ 4,343.00	\$ 47,773.00	\$ 3,400.00	\$ 37,400.00
91	12" Tapping Valve	Each	1	\$ 3,500.00	\$ 3,500.00	\$ 4,450.00	\$ 4,450.00	\$ 7,264.00	\$ 7,264.00	\$ 7,000.00	\$ 7,000.00
92	12"x12" Tapping Sleeve	Each	1	\$ 3,000.00	\$ 3,000.00	\$ 5,550.00	\$ 5,550.00	\$ 4,712.00	\$ 4,712.00	\$ 6,000.00	\$ 6,000.00
93	8" MJ Solid Sleeve	Each	4	\$ 500.00	\$ 2,000.00	\$ 830.00	\$ 3,320.00	\$ 923.00	\$ 3,692.00	\$ 930.00	\$ 3,720.00
94	12" MJ Solid Sleeve	Each	5	\$ 750.00	\$ 3,750.00	\$ 1,800.00	\$ 9,000.00	\$ 1,454.00	\$ 7,270.00	\$ 1,400.00	\$ 7,000.00
95	12" MJ Plug	Each	2	\$ 500.00	\$ 1,000.00	\$ 550.00	\$ 1,100.00	\$ 1,628.00	\$ 3,256.00	\$ 875.00	\$ 1,750.00
96	Fire Hydrant Assembly	Each	6	\$ 6,500.00	\$ 39,000.00	\$ 6,400.00	\$ 38,400.00	\$ 6,916.00	\$ 41,496.00	\$ 6,000.00	\$ 36,000.00
97	Connect to Existing Waterline	Each	9	\$ 2,500.00	\$ 22,500.00	\$ 500.00	\$ 4,500.00	\$ 3,490.00	\$ 31,410.00	\$ 2,550.00	\$ 22,950.00
98	Disconnect Existing Waterline	Each	1	\$ 1,500.00	\$ 1,500.00	\$ 660.00	\$ 660.00	\$ 2,198.00	\$ 2,198.00	\$ 5,000.00	\$ 5,000.00
99	3/4" Short Service	Each	3	\$ 2,500.00	\$ 7,500.00	\$ 1,110.00	\$ 3,330.00	\$ 2,214.00	\$ 6,642.00	\$ 3,600.00	\$ 10,800.00
100	1" Long Service	Each	1	\$ 3,000.00	\$ 3,000.00	\$ 1,500.00	\$ 1,500.00	\$ 3,332.00	\$ 3,332.00	\$ 5,000.00	\$ 5,000.00
101	10" Force Main (PVC)(SDR18)	Lin. Ft.	2,370	\$ 100.00	\$ 237,000.00	\$ 95.00	\$ 225,150.00	\$ 94.20	\$ 223,254.00	\$ 111.25	\$ 263,662.50
102	10"x45° MJ Bend	Each	6	\$ 900.00	\$ 5,400.00	\$ 1,500.00	\$ 9,000.00	\$ 1,136.00	\$ 6,816.00	\$ 2,250.00	\$ 13,500.00
103	10"x22.5° MJ Bend	Each	2	\$ 900.00	\$ 1,800.00	\$ 1,530.00	\$ 3,060.00	\$ 1,134.00	\$ 2,268.00	\$ 2,250.00	\$ 4,500.00
104	10"x11.25° MJ Bend	Each	6	\$ 900.00	\$ 5,400.00	\$ 1,530.00	\$ 9,180.00	\$ 1,151.00	\$ 6,906.00	\$ 2,250.00	\$ 13,500.00
105	10" MJ Solid Sleeve	Each	4	\$ 500.00	\$ 2,000.00	\$ 1,630.00	\$ 6,520.00	\$ 1,144.00	\$ 4,576.00	\$ 2,250.00	\$ 9,000.00
106	Connect to Existing Force Main	Each	4	\$ 2,500.00	\$ 10,000.00	\$ 4,850.00	\$ 19,400.00	\$ 2,198.00	\$ 8,792.00	\$ 2,500.00	\$ 10,000.00
107	<b>Material Testing</b>	<b>Lump Sum</b>	<b>1</b>	<b>\$ 10,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 10,000.00</b>
<b>Subtotal B</b>					<b>\$ 5,010,033.00</b>		<b>\$ 4,780,271.00</b>		<b>\$ 5,091,279.30</b>		<b>\$ 6,115,045.55</b>
108	Asphalt Base Course	Tons	7,047	\$ 120.00	\$ 845,640.00	\$ 109.00	\$ 768,123.00	\$ 115.00	\$ 810,405.00	\$ 89.25	\$ 628,944.75
109	Asphalt Surface Course	Tons	1,762	\$ 125.00	\$ 220,250.00	\$ 120.00	\$ 211,440.00	\$ 109.00	\$ 192,058.00	\$ 94.00	\$ 165,628.00
<b>Subtotal C</b>					<b>\$ 1,065,890.00</b>		<b>\$ 979,563.00</b>		<b>\$ 1,002,463.00</b>		<b>\$ 794,572.75</b>
110	Concrete Pavement (8" NRDJ)(AE)(4k)	S.Y.	16,200	\$ 70.00	\$ 1,134,000.00	\$ -	\$ -	\$ -	\$ -	\$ 66.25	\$ 1,073,250.00
<b>Subtotal D</b>					<b>\$ 1,134,000.00</b>		<b>\$ -</b>		<b>\$ -</b>		<b>\$ 1,073,250.00</b>
<b>GRAND TOTAL Option 1 (Asphalt Pavement)(Subtotals A+B+C)</b>					<b>\$ 6,571,373.00</b>		<b>\$ 6,197,749.00</b>		<b>\$ 6,575,192.90</b>		<b>\$ 7,385,964.30</b>
<b>GRAND TOTAL Option 2 (Concrete Pavement)(Subtotals A+B+D)</b>					<b>\$ 6,639,483.00</b>		<b>\$ -</b>		<b>\$ -</b>		<b>\$ 7,664,641.55</b>