

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	ENGINEER'S ESTIMATE		R. D. Johnson Excavating	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	Street & Storm Sewer						
1	Site Preparation	LS	1	\$ 100,000.00	\$ 100,000.00	\$ 308,500.00	\$ 308,500.00
2	Unclassified Excavation	CY	19,670	\$ 4.75	\$ 93,432.50	\$ 4.00	\$ 78,680.00
3	Compaction of Earthwork	CY	866	\$ 3.00	\$ 2,598.00	\$ 7.80	\$ 6,754.80
4	Remove Existing Pavement	SY	37,211	\$ 7.50	\$ 279,082.50	\$ 6.20	\$ 230,708.20
5	Remove Existing Curb & Gutter	LF	19,774	\$ 6.75	\$ 133,474.50	\$ 3.00	\$ 59,322.00
6	Remove Existing Sidewalk	SY	3,385	\$ 6.50	\$ 22,002.50	\$ 5.60	\$ 18,956.00
7	Remove Existing Driveway Pavement	SY	808	\$ 6.50	\$ 5,252.00	\$ 11.10	\$ 8,968.80
8	Remove Existing Gravel Driveway	SY	33	\$ 6.00	\$ 198.00	\$ 14.00	\$ 462.00
9	Remove Existing Storm Structure	EA	36	\$ 975.00	\$ 35,100.00	\$ 280.00	\$ 10,080.00
10	Remove Existing Storm Pipe	LF	2,548	\$ 12.25	\$ 31,213.00	\$ 5.25	\$ 13,377.00
11	Remove Existing Chain Link Fence	LF	207	\$ 5.00	\$ 1,035.00	\$ 9.00	\$ 1,863.00
12	Remove Existing Wood Fence	LF	246	\$ 5.00	\$ 1,230.00	\$ 11.60	\$ 2,853.60
13	Remove Existing Retaining Wall	LF	285	\$ 10.00	\$ 2,850.00	\$ 7.20	\$ 2,052.00
14	Remove Existing Sanitary Sewer Manhole	EA	2	\$ 850.00	\$ 1,700.00	\$ 280.00	\$ 560.00
15	10" Non-Reinforced Dowel Jointed Concrete Pavement	SY	36,762	\$ 63.50	\$ 2,334,387.00	\$ 53.05	\$ 1,950,224.10
16	8" Non-Reinforced Dowel Jointed Concrete Pavement	SY	2,046	\$ 60.00	\$ 122,760.00	\$ 59.05	\$ 120,816.30
17	8" Reinforced Concrete Pavement (Commercial Drive)	SY	1,456	\$ 60.00	\$ 87,360.00	\$ 57.30	\$ 83,428.80
18	6" Reinforced Concrete Pavement (Residential Drive)	SY	881	\$ 55.00	\$ 48,455.00	\$ 81.00	\$ 71,361.00
19	10" Reinforced Concrete Pavement (Residential Drive)	SY	48	\$ 63.50	\$ 3,048.00	\$ 86.45	\$ 4,149.60
20	9" Class 'C' Flyash Subgrade Modification	SY	41,100	\$ 4.50	\$ 184,950.00	\$ 6.00	\$ 246,600.00
21	Type CG-1 Curb and Gutter	LF	15,821	\$ 22.50	\$ 355,972.50	\$ 20.00	\$ 316,420.00
22	8'x6" Concrete Recreation Path	LF	4,955	\$ 36.00	\$ 178,380.00	\$ 35.05	\$ 173,672.75
23	6'x4" Concrete Sidewalk	LF	3,164	\$ 25.00	\$ 79,100.00	\$ 34.25	\$ 108,367.00
24	5'x4" Concrete Sidewalk	LF	523	\$ 22.50	\$ 11,767.50	\$ 21.75	\$ 11,375.25
25	Integral 8'x6" Concrete Recreation Path & Retaining Wall	LF	1,053	\$ 72.00	\$ 75,816.00	\$ 94.15	\$ 99,139.95
26	Integral 6'x4" Concrete Sidewalk & Retaining Wall	LF	58	\$ 50.00	\$ 2,900.00	\$ 118.00	\$ 6,844.00
27	Modular Retaining Wall	LF	263	\$ 50.00	\$ 13,150.00	\$ 97.85	\$ 25,734.55
28	Dowel Existing Sidewalk For 8'x6" Sidewalk Expansion	LF	120	\$ 15.00	\$ 1,800.00	\$ 16.10	\$ 1,932.00
29	Access Ramp	EA	57	\$ 1,100.00	\$ 62,700.00	\$ 1,280.00	\$ 72,960.00
30	Median Ramp	EA	1	\$ 1,100.00	\$ 1,100.00	\$ 2,280.00	\$ 2,280.00
31	Bike Ramp	EA	4	\$ 1,500.00	\$ 6,000.00	\$ 770.00	\$ 3,080.00
32	Concrete Nose	EA	17	\$ 1,250.00	\$ 21,250.00	\$ 1,170.00	\$ 19,890.00
33	6" Reinforced Exposed Aggregate Concrete	SY	66	\$ 30.00	\$ 1,980.00	\$ 82.00	\$ 5,412.00
34	18" RCP	LF	1,452	\$ 65.00	\$ 94,380.00	\$ 41.10	\$ 59,677.20
35	21" RCP	LF	246	\$ 70.00	\$ 17,220.00	\$ 54.00	\$ 13,284.00
36	24" CMP (16 GA., 2-2/3"x1/2" Corr.)	LF	6	\$ 75.00	\$ 450.00	\$ 75.80	\$ 454.80
37	24" RCP	LF	1,136	\$ 75.00	\$ 85,200.00	\$ 39.00	\$ 44,304.00
38	30" RCP	LF	195	\$ 95.00	\$ 18,525.00	\$ 53.50	\$ 10,432.50
39	6" PVC Underdrain	LF	1,423	\$ 20.00	\$ 28,460.00	\$ 12.60	\$ 17,929.80
40	6'x4' Curb Inlet	EA	16	\$ 3,900.00	\$ 62,400.00	\$ 3,800.00	\$ 60,800.00
41	6'x5' Curb Inlet	EA	1	\$ 4,200.00	\$ 4,200.00	\$ 4,435.00	\$ 4,435.00
42	8'x4' Curb Inlet	EA	1	\$ 7,000.00	\$ 7,000.00	\$ 4,840.00	\$ 4,840.00
43	6'x4' Modified Curb Inlet	EA	7	\$ 5,000.00	\$ 35,000.00	\$ 4,260.00	\$ 29,820.00
44	6'x5' Modified Curb Inlet	EA	1	\$ 6,000.00	\$ 6,000.00	\$ 4,865.00	\$ 4,865.00
45	4'x5' Area Inlet	EA	2	\$ 4,900.00	\$ 9,800.00	\$ 3,235.00	\$ 6,470.00
46	4'x4' Junction Box w/ Type II Ring & Cover	EA	1	\$ 3,800.00	\$ 3,800.00	\$ 2,880.00	\$ 2,880.00
47	5'x5' Junction Box w/ Type II Ring & Cover	EA	1	\$ 4,200.00	\$ 4,200.00	\$ 3,600.00	\$ 3,600.00
48	6'x6' Junction Box w/ Type II Ring & Cover	EA	1	\$ 4,500.00	\$ 4,500.00	\$ 3,840.00	\$ 3,840.00
49	8" Nyloplast Catch Basin w/ Light Duty Dome Grate	EA	1	\$ 1,250.00	\$ 1,250.00	\$ 785.00	\$ 785.00
50	Connect to Existing Storm Sewer Pipe	EA	6	\$ 900.00	\$ 5,400.00	\$ 620.00	\$ 3,720.00
51	Connect to Existing Curb Inlet	EA	1	\$ 1,250.00	\$ 1,250.00	\$ 1,570.00	\$ 1,570.00
52	4' Dia. Sanitary Manhole (6' Depth)	EA	1	\$ 2,650.00	\$ 2,650.00	\$ 2,435.00	\$ 2,435.00
53	4' Dia. Sanitary Manhole w/ Bolt Down Ring & Cover (6' Depth)	EA	1	\$ 2,750.00	\$ 2,750.00	\$ 2,630.00	\$ 2,630.00
54	Extra Depth Manhole (4' Dia., Greater Than 6')	VF	14	\$ 250.00	\$ 3,500.00	\$ 185.00	\$ 2,590.00
55	5" Grade Ring (Sanitary MH)	EA	1	\$ 500.00	\$ 500.00	\$ 435.00	\$ 435.00
56	3" Ring & Cover (Sanitary MH)	EA	1	\$ 750.00	\$ 750.00	\$ 435.00	\$ 435.00
57	3" Bolt Down Ring & Cover (Sanitary MH)	EA	1	\$ 800.00	\$ 800.00	\$ 545.00	\$ 545.00
58	Traffic Signal (Harvard Road)	LS	1	\$ 222,500.00	\$ 222,500.00	\$ 181,585.00	\$ 181,585.00

BID TAB

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

				ENGINEER'S ESTIMATE		R. D. Johnson Excavating	
ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
59	Traffic Signal (8th Street)	LS	1	\$ 172,500.00	\$ 172,500.00	\$ 149,900.00	\$ 149,900.00
60	3-1.25" Dia. Sch. 40 Fiber Optic Signal Conduit Package	LF	5,726	\$ 12.00	\$ 68,712.00	\$ 9.60	\$ 54,969.60
61	Fiber Optic Hand Hole (Type 1, Tier 15)	EA	5	\$ 1,000.00	\$ 5,000.00	\$ 1,045.00	\$ 5,225.00
62	Street Lighting Wiring & Conduit	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 10,240.00	\$ 10,240.00
63	4" Yellow Line	LF	8,041	\$ 2.50	\$ 20,102.50	\$ 3.55	\$ 28,545.55
64	12" Yellow Line	LF	175	\$ 6.00	\$ 1,050.00	\$ 8.05	\$ 1,408.75
65	6" White Line	LF	13,435	\$ 4.00	\$ 53,740.00	\$ 5.25	\$ 70,533.75
66	12" White Line	LF	142	\$ 6.00	\$ 852.00	\$ 8.05	\$ 1,143.10
67	24" White Line	LF	1,593	\$ 10.00	\$ 15,930.00	\$ 15.05	\$ 23,974.65
68	Left Turn Arrow	EA	72	\$ 175.00	\$ 12,600.00	\$ 255.00	\$ 18,360.00
69	Right Turn Arrow	EA	6	\$ 175.00	\$ 1,050.00	\$ 255.00	\$ 1,530.00
70	White Bike Symbol	EA	28	\$ 175.00	\$ 4,900.00	\$ 200.00	\$ 5,600.00
71	White Bike Lane Arrow	EA	28	\$ 175.00	\$ 4,900.00	\$ 120.00	\$ 3,360.00
72	Wood Panel Fence	LF	215	\$ 30.00	\$ 6,450.00	\$ 50.55	\$ 10,868.25
73	Chain Link Fence	LF	158	\$ 25.00	\$ 3,950.00	\$ 24.05	\$ 3,799.90
74	Landscaping	LS	1	\$ 40,000.00	\$ 40,000.00	\$ 19,800.00	\$ 19,800.00
75	Signing	LS	1	\$ 17,500.00	\$ 17,500.00	\$ 10,750.00	\$ 10,750.00
76	Monument Box Adjustment	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 1,250.00	\$ 1,250.00
77	Installation, Repair & Maintenance of Erosion & Sediment Control	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 20,625.00	\$ 20,625.00
78	Traffic Control	LS	1	\$ 85,000.00	\$ 85,000.00	\$ 121,200.00	\$ 121,200.00
79	Construction Staking	LS	1	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00
80	Seeding, Fertilizing and Mulch	LS	1	\$ 17,500.00	\$ 17,500.00	\$ 18,290.00	\$ 18,290.00
	Waterline						
81	12" (DR-14) PVC Waterline	LF	5,717	\$ 42.00	\$ 240,114.00	\$ 36.40	\$ 208,098.80
82	12" (DR-14) PVC Restrained Joint Waterline (By HDD)	LF	129	\$ 82.50	\$ 10,642.50	\$ 525.00	\$ 67,725.00
83	8" (DR-14) PVC Waterline	LF	1,114	\$ 37.50	\$ 41,775.00	\$ 63.00	\$ 70,182.00
84	4" (DR-14) PVC Waterline	LF	45	\$ 25.00	\$ 1,125.00	\$ 17.00	\$ 765.00
85	2" Type K Copper Waterline or Polyethylene Tubing	LF	231	\$ 20.00	\$ 4,620.00	\$ 17.00	\$ 3,927.00
86	12" MJ Gate Valve, Box and Cover	EA	28	\$ 2,500.00	\$ 70,000.00	\$ 2,100.00	\$ 58,800.00
87	8" MJ Gate Valve, Box and Cover	EA	14	\$ 2,000.00	\$ 28,000.00	\$ 1,230.00	\$ 17,220.00
88	4" MJ Gate Valve, Box and Cover	EA	2	\$ 1,250.00	\$ 2,500.00	\$ 830.00	\$ 1,660.00
89	4" Post Indicator Valve	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,700.00	\$ 1,700.00
90	12" (11.25D) Bend & Block	EA	7	\$ 750.00	\$ 5,250.00	\$ 760.00	\$ 5,320.00
91	12" (22.5D) Bend & Block	EA	2	\$ 750.00	\$ 1,500.00	\$ 690.00	\$ 1,380.00
92	12" (45D) Bend & Block	EA	26	\$ 750.00	\$ 19,500.00	\$ 715.00	\$ 18,590.00
93	12" (90D) Bend & Block	EA	2	\$ 750.00	\$ 1,500.00	\$ 745.00	\$ 1,490.00
94	8" (5.625D) Bend & Block	EA	2	\$ 750.00	\$ 1,500.00	\$ 470.00	\$ 940.00
95	8" (11.25D) Bend & Block	EA	6	\$ 750.00	\$ 4,500.00	\$ 475.00	\$ 2,850.00
96	8" (22.5D) Bend & Block	EA	14	\$ 750.00	\$ 10,500.00	\$ 480.00	\$ 6,720.00
97	8" (45D) Bend & Block	EA	25	\$ 750.00	\$ 18,750.00	\$ 480.00	\$ 12,000.00
98	4" (45D) Bend & Block	EA	2	\$ 750.00	\$ 1,500.00	\$ 390.00	\$ 780.00
99	4" (90D) Bend & Block	EA	1	\$ 750.00	\$ 750.00	\$ 400.00	\$ 400.00
100	12"x12" MJ Tee & Block	EA	3	\$ 1,000.00	\$ 3,000.00	\$ 935.00	\$ 2,805.00
101	12"x8" MJ Tee & Block	EA	14	\$ 1,000.00	\$ 14,000.00	\$ 890.00	\$ 12,460.00
102	12"x4" MJ Tee & Block	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 760.00	\$ 760.00
103	8"x4" MJ Tee & Block	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 600.00	\$ 600.00
104	8"x6" Reducer	EA	5	\$ 450.00	\$ 2,250.00	\$ 500.00	\$ 2,500.00
105	8"x3" Reducer	EA	2	\$ 450.00	\$ 900.00	\$ 490.00	\$ 980.00
106	2" Connection	EA	2	\$ 250.00	\$ 500.00	\$ 1,125.00	\$ 2,250.00
107	2" Curb Stop	EA	2	\$ 350.00	\$ 700.00	\$ 530.00	\$ 1,060.00
108	12" Anchor Coupling	EA	29	\$ 350.00	\$ 10,150.00	\$ 445.00	\$ 12,905.00
109	8" Anchor Coupling	EA	18	\$ 350.00	\$ 6,300.00	\$ 300.00	\$ 5,400.00
110	4" Anchor Coupling	EA	2	\$ 350.00	\$ 700.00	\$ 280.00	\$ 560.00
111	12" Cap & Block	EA	3	\$ 750.00	\$ 2,250.00	\$ 455.00	\$ 1,365.00
112	8" Cap & Block	EA	8	\$ 750.00	\$ 6,000.00	\$ 380.00	\$ 3,040.00
113	6" Cap & Block	EA	5	\$ 750.00	\$ 3,750.00	\$ 320.00	\$ 1,600.00

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

				ENGINEER'S ESTIMATE		R. D. Johnson Excavating	
ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
114	4" Cap & Block	EA	2	\$ 500.00	\$ 1,000.00	\$ 295.00	\$ 590.00
115	3" Cap & Block	EA	2	\$ 500.00	\$ 1,000.00	\$ 285.00	\$ 570.00
116	2" Cap & Block	EA	3	\$ 500.00	\$ 1,500.00	\$ 435.00	\$ 1,305.00
117	Connect to Existing Waterline	EA	21	\$ 1,500.00	\$ 31,500.00	\$ 1,100.00	\$ 23,100.00
118	Fire Hydrant Assembly	EA	11	\$ 4,850.00	\$ 53,350.00	\$ 3,600.00	\$ 39,600.00
119	Salvage Existing Fire Hydrant	EA	10	\$ 400.00	\$ 4,000.00	\$ 330.00	\$ 3,300.00
120	Reconnect Existing Fire Hydrant	EA	3	\$ 2,500.00	\$ 7,500.00	\$ 1,135.00	\$ 3,405.00
121	Remove Existing Meter Pit & Cover	EA	33	\$ 200.00	\$ 6,600.00	\$ 165.00	\$ 5,445.00
122	Remove Existing Valve Box & Cover	EA	39	\$ 200.00	\$ 7,800.00	\$ 165.00	\$ 6,435.00
123	4" Double Check Detector Assembly (DCDA)	EA	1	\$ 7,500.00	\$ 7,500.00	\$ 3,775.00	\$ 3,775.00
124	8'x6' Concrete Backflow Preventer Vault	EA	1	\$ 8,000.00	\$ 8,000.00	\$ 6,790.00	\$ 6,790.00
125	Remove Existing Backflow Preventer & Install 4" Pipe	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 16,325.00	\$ 16,325.00
126	3/4" Short Service	EA	10	\$ 1,000.00	\$ 10,000.00	\$ 1,365.00	\$ 13,650.00
127	3/4" Long Service	EA	18	\$ 1,750.00	\$ 31,500.00	\$ 2,100.00	\$ 37,800.00
128	1" Short Service	EA	2	\$ 1,200.00	\$ 2,400.00	\$ 1,550.00	\$ 3,100.00
129	1-1/2" Short Service	EA	1	\$ 1,750.00	\$ 1,750.00	\$ 3,150.00	\$ 3,150.00
130	2" Short Service	EA	1	\$ 2,300.00	\$ 2,300.00	\$ 3,200.00	\$ 3,200.00
131	2" Long Service	EA	1	\$ 3,700.00	\$ 3,700.00	\$ 4,050.00	\$ 4,050.00
132	Reinforced Concrete Encasement	LF	20	\$ 100.00	\$ 2,000.00	\$ 110.00	\$ 2,200.00
133	Remove & Replace Full Depth Pavement	SY	45	\$ 65.00	\$ 2,925.00	\$ 127.50	\$ 5,737.50
134	Disinfection and Pressure Testing	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00
BASE BID GRAND TOTAL					\$ 6,265,617.00		\$ 5,869,920.85

Bid Alternate

20	"Deduct" 9" Class 'C' Flyash Subgrade Modification	SY	41,100	\$ (4.50)	\$ (184,950.00)	\$ (6.00)	\$ (246,600.00)
20A	"Add" 9" Recycled Crushed Concrete Aggregate Base	SY	41,100	\$ 4.00	\$ 164,400.00	\$ 8.05	\$ 330,855.00
BASE BID + BID ALTERNATE GRAND TOTAL					\$ 6,245,067.00		\$ 5,954,175.85

It is understood and agreed that the contract will be awarded on the basis of the base

The Work will be substantially completed on or before December 31st, 2018, and completed and ready for final payment in accordance with Paragraph GC-54 of the General Conditions on or before February 28th, 2019. One Thousand Dollars (\$1,000) per day liquidated damages will be assessed for every day thereafter until the job is completed and accepted by the City Commission.

PAGE P-4 AND P-5 MUST BE COMPLETED AND SUBMITTED WITH YOUR BID

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	Miles Excavating, Inc.		Amino Brothers Co., Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	Street & Storm Sewer						
1	Site Preparation	LS	1	\$ 135,894.04	\$ 135,894.04	\$ 123,114.00	\$ 123,114.00
2	Unclassified Excavation	CY	19,670	\$ 18.84	\$ 370,582.80	\$ 18.65	\$ 366,845.50
3	Compaction of Earthwork	CY	866	\$ 5.79	\$ 5,014.14	\$ 111.00	\$ 96,126.00
4	Remove Existing Pavement	SY	37,211	\$ 4.39	\$ 163,356.29	\$ 6.95	\$ 258,616.45
5	Remove Existing Curb & Gutter	LF	19,774	\$ 2.50	\$ 49,435.00	\$ 4.75	\$ 93,926.50
6	Remove Existing Sidewalk	SY	3,385	\$ 4.21	\$ 14,250.85	\$ 2.55	\$ 8,631.75
7	Remove Existing Driveway Pavement	SY	808	\$ 6.23	\$ 5,033.84	\$ 8.85	\$ 7,150.80
8	Remove Existing Gravel Driveway	SY	33	\$ 4.65	\$ 153.45	\$ 12.40	\$ 409.20
9	Remove Existing Storm Structure	EA	36	\$ 762.84	\$ 27,462.24	\$ 500.00	\$ 18,000.00
10	Remove Existing Storm Pipe	LF	2,548	\$ 28.33	\$ 72,184.84	\$ 16.65	\$ 42,424.20
11	Remove Existing Chain Link Fence	LF	207	\$ 2.41	\$ 498.87	\$ 9.20	\$ 1,904.40
12	Remove Existing Wood Fence	LF	246	\$ 2.56	\$ 629.76	\$ 9.20	\$ 2,263.20
13	Remove Existing Retaining Wall	LF	285	\$ 18.96	\$ 5,403.60	\$ 11.70	\$ 3,334.50
14	Remove Existing Sanitary Sewer Manhole	EA	2	\$ 1,226.67	\$ 2,453.34	\$ 500.00	\$ 1,000.00
15	10" Non-Reinforced Dowel Jointed Concrete Pavement	SY	36,762	\$ 49.72	\$ 1,827,806.64	\$ 58.70	\$ 2,157,929.40
16	8" Non-Reinforced Dowel Jointed Concrete Pavement	SY	2,046	\$ 43.23	\$ 88,448.58	\$ 55.70	\$ 113,962.20
17	8" Reinforced Concrete Pavement (Commercial Drive)	SY	1,456	\$ 51.47	\$ 74,940.32	\$ 60.20	\$ 87,651.20
18	6" Reinforced Concrete Pavement (Residential Drive)	SY	881	\$ 42.22	\$ 37,195.82	\$ 53.45	\$ 47,089.45
19	10" Reinforced Concrete Pavement (Residential Drive)	SY	48	\$ 56.57	\$ 2,715.36	\$ 68.75	\$ 3,300.00
20	9" Class 'C' Flyash Subgrade Modification	SY	41,100	\$ 5.70	\$ 234,270.00	\$ 4.35	\$ 178,785.00
21	Type CG-1 Curb and Gutter	LF	15,821	\$ 16.71	\$ 264,368.91	\$ 19.45	\$ 307,718.45
22	8'x6" Concrete Recreation Path	LF	4,955	\$ 33.34	\$ 165,199.70	\$ 33.10	\$ 164,010.50
23	6'x4" Concrete Sidewalk	LF	3,164	\$ 26.99	\$ 85,396.36	\$ 21.70	\$ 68,658.80
24	5'x4" Concrete Sidewalk	LF	523	\$ 25.42	\$ 13,294.66	\$ 20.15	\$ 10,538.45
25	Integral 8'x6" Concrete Recreation Path & Retaining Wall	LF	1,053	\$ 119.35	\$ 125,675.55	\$ 155.00	\$ 163,215.00
26	Integral 6'x4" Concrete Sidewalk & Retaining Wall	LF	58	\$ 105.98	\$ 6,146.84	\$ 160.00	\$ 9,280.00
27	Modular Retaining Wall	LF	263	\$ 100.50	\$ 26,431.50	\$ 109.00	\$ 28,667.00
28	Dowel Existing Sidewalk For 8'x6" Sidewalk Expansion	LF	120	\$ 2.50	\$ 300.00	\$ 7.20	\$ 864.00
29	Access Ramp	EA	57	\$ 1,331.24	\$ 75,880.68	\$ 1,446.00	\$ 82,422.00
30	Median Ramp	EA	1	\$ 1,710.35	\$ 1,710.35	\$ 1,341.00	\$ 1,341.00
31	Bike Ramp	EA	4	\$ 1,214.88	\$ 4,859.52	\$ 1,341.00	\$ 5,364.00
32	Concrete Nose	EA	17	\$ 1,116.18	\$ 18,975.06	\$ 1,110.00	\$ 18,870.00
33	6" Reinforced Exposed Aggregate Concrete	SY	66	\$ 81.44	\$ 5,375.04	\$ 183.00	\$ 12,078.00
34	18" RCP	LF	1,452	\$ 56.33	\$ 81,791.16	\$ 49.25	\$ 71,511.00
35	21" RCP	LF	246	\$ 69.73	\$ 17,153.58	\$ 59.55	\$ 14,649.30
36	24" CMP (16 GA., 2-2/3"x1/2" Corr.)	LF	6	\$ 87.06	\$ 522.36	\$ 70.50	\$ 423.00
37	24" RCP	LF	1,136	\$ 75.04	\$ 85,245.44	\$ 59.85	\$ 67,989.60
38	30" RCP	LF	195	\$ 166.05	\$ 32,379.75	\$ 73.50	\$ 14,332.50
39	6" PVC Underdrain	LF	1,423	\$ 18.67	\$ 26,567.41	\$ 24.00	\$ 34,152.00
40	6'x4' Curb Inlet	EA	16	\$ 4,262.28	\$ 68,196.48	\$ 3,718.00	\$ 59,488.00
41	6'x5' Curb Inlet	EA	1	\$ 4,980.51	\$ 4,980.51	\$ 4,283.00	\$ 4,283.00
42	8'x4' Curb Inlet	EA	1	\$ 5,569.12	\$ 5,569.12	\$ 4,488.00	\$ 4,488.00
43	6'x4' Modified Curb Inlet	EA	7	\$ 4,976.09	\$ 34,832.63	\$ 3,731.00	\$ 26,117.00
44	6'x5' Modified Curb Inlet	EA	1	\$ 7,725.70	\$ 7,725.70	\$ 4,121.00	\$ 4,121.00
45	4'x5' Area Inlet	EA	2	\$ 4,079.63	\$ 8,159.26	\$ 3,905.00	\$ 7,810.00
46	4'x4' Junction Box w/ Type II Ring & Cover	EA	1	\$ 3,521.21	\$ 3,521.21	\$ 3,270.00	\$ 3,270.00
47	5'x5' Junction Box w/ Type II Ring & Cover	EA	1	\$ 4,079.58	\$ 4,079.58	\$ 4,066.00	\$ 4,066.00
48	6'x6' Junction Box w/ Type II Ring & Cover	EA	1	\$ 4,676.67	\$ 4,676.67	\$ 4,132.00	\$ 4,132.00
49	8" Nyloplast Catch Basin w/ Light Duty Dome Grate	EA	1	\$ 1,997.46	\$ 1,997.46	\$ 892.00	\$ 892.00
50	Connect to Existing Storm Sewer Pipe	EA	6	\$ 1,678.12	\$ 10,068.72	\$ 713.00	\$ 4,278.00
51	Connect to Existing Curb Inlet	EA	1	\$ 2,407.96	\$ 2,407.96	\$ 2,786.00	\$ 2,786.00
52	4' Dia. Sanitary Manhole (6' Depth)	EA	1	\$ 7,274.05	\$ 7,274.05	\$ 3,796.00	\$ 3,796.00
53	4' Dia. Sanitary Manhole w/ Bolt Down Ring & Cover (6' Depth)	EA	1	\$ 7,458.72	\$ 7,458.72	\$ 3,807.00	\$ 3,807.00
54	Extra Depth Manhole (4' Dia., Greater Than 6')	VF	14	\$ 414.23	\$ 5,799.22	\$ 236.00	\$ 3,304.00
55	5" Grade Ring (Sanitary MH)	EA	1	\$ 415.05	\$ 415.05	\$ 369.00	\$ 369.00
56	3" Ring & Cover (Sanitary MH)	EA	1	\$ 864.25	\$ 864.25	\$ 813.00	\$ 813.00
57	3" Bolt Down Ring & Cover (Sanitary MH)	EA	1	\$ 927.56	\$ 927.56	\$ 880.00	\$ 880.00
58	Traffic Signal (Harvard Road)	LS	1	\$ 191,241.42	\$ 191,241.42	\$ 194,467.00	\$ 194,467.00

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	Miles Excavating, Inc.		Amino Brothers Co., Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
59	Traffic Signal (8th Street)	LS	1	\$ 157,866.70	\$ 157,866.70	\$ 160,530.00	\$ 160,530.00
60	3-1.25" Dia. Sch. 40 Fiber Optic Signal Conduit Package	LF	5,726	\$ 10.11	\$ 57,889.86	\$ 10.30	\$ 58,977.80
61	Fiber Optic Hand Hole (Type 1, Tier 15)	EA	5	\$ 1,097.51	\$ 5,487.55	\$ 1,116.00	\$ 5,580.00
62	Street Lighting Wiring & Conduit	LS	1	\$ 10,781.04	\$ 10,781.04	\$ 10,963.00	\$ 10,963.00
63	4" Yellow Line	LF	8,041	\$ 3.69	\$ 29,671.29	\$ 3.70	\$ 29,751.70
64	12" Yellow Line	LF	175	\$ 8.44	\$ 1,477.00	\$ 8.45	\$ 1,478.75
65	6" White Line	LF	13,435	\$ 5.51	\$ 74,026.85	\$ 5.50	\$ 73,892.50
66	12" White Line	LF	142	\$ 8.44	\$ 1,198.48	\$ 8.45	\$ 1,199.90
67	24" White Line	LF	1,593	\$ 15.83	\$ 25,217.19	\$ 15.85	\$ 25,249.05
68	Left Turn Arrow	EA	72	\$ 263.82	\$ 18,995.04	\$ 264.00	\$ 19,008.00
69	Right Turn Arrow	EA	6	\$ 263.82	\$ 1,582.92	\$ 264.00	\$ 1,584.00
70	White Bike Symbol	EA	28	\$ 205.78	\$ 5,761.84	\$ 206.00	\$ 5,768.00
71	White Bike Lane Arrow	EA	28	\$ 121.36	\$ 3,398.08	\$ 121.00	\$ 3,388.00
72	Wood Panel Fence	LF	215	\$ 41.72	\$ 8,969.80	\$ 33.80	\$ 7,267.00
73	Chain Link Fence	LF	158	\$ 36.07	\$ 5,699.06	\$ 16.90	\$ 2,670.20
74	Landscaping	LS	1	\$ 20,854.72	\$ 20,854.72	\$ 23,529.00	\$ 23,529.00
75	Signing	LS	1	\$ 11,325.42	\$ 11,325.42	\$ 11,336.00	\$ 11,336.00
76	Monument Box Adjustment	LS	1	\$ 1,480.04	\$ 1,480.04	\$ 775.00	\$ 775.00
77	Installation, Repair & Maintenance of Erosion & Sediment Control	LS	1	\$ 20,907.40	\$ 20,907.40	\$ 21,990.00	\$ 21,990.00
78	Traffic Control	LS	1	\$ 126,635.28	\$ 126,635.28	\$ 126,749.00	\$ 126,749.00
79	Construction Staking	LS	1	\$ 35,088.53	\$ 35,088.53	\$ 34,930.00	\$ 34,930.00
80	Seeding, Fertilizing and Mulch	LS	1	\$ 6,352.87	\$ 6,352.87	\$ 23,290.00	\$ 23,290.00
	Waterline						
81	12" (DR-14) PVC Waterline	LF	5,717	\$ 63.30	\$ 361,886.10	\$ 55.85	\$ 319,294.45
82	12" (DR-14) PVC Restrained Joint Waterline (By HDD)	LF	129	\$ 156.90	\$ 20,240.10	\$ 118.00	\$ 15,222.00
83	8" (DR-14) PVC Waterline	LF	1,114	\$ 72.51	\$ 80,776.14	\$ 39.65	\$ 44,170.10
84	4" (DR-14) PVC Waterline	LF	45	\$ 39.48	\$ 1,776.60	\$ 36.80	\$ 1,656.00
85	2" Type K Copper Waterline or Polyethylene Tubing	LF	231	\$ 80.82	\$ 18,669.42	\$ 29.10	\$ 6,722.10
86	12" MJ Gate Valve, Box and Cover	EA	28	\$ 2,158.20	\$ 60,429.60	\$ 2,019.00	\$ 56,532.00
87	8" MJ Gate Valve, Box and Cover	EA	14	\$ 1,423.81	\$ 19,933.34	\$ 1,242.00	\$ 17,388.00
88	4" MJ Gate Valve, Box and Cover	EA	2	\$ 901.82	\$ 1,803.64	\$ 806.00	\$ 1,612.00
89	4" Post Indicator Valve	EA	1	\$ 1,535.28	\$ 1,535.28	\$ 1,871.00	\$ 1,871.00
90	12" (11.25D) Bend & Block	EA	7	\$ 857.71	\$ 6,003.97	\$ 797.00	\$ 5,579.00
91	12" (22.5D) Bend & Block	EA	2	\$ 813.62	\$ 1,627.24	\$ 735.00	\$ 1,470.00
92	12" (45D) Bend & Block	EA	26	\$ 888.95	\$ 23,112.70	\$ 754.00	\$ 19,604.00
93	12" (90D) Bend & Block	EA	2	\$ 996.79	\$ 1,993.58	\$ 782.00	\$ 1,564.00
94	8" (5.625D) Bend & Block	EA	2	\$ 655.91	\$ 1,311.82	\$ 523.00	\$ 1,046.00
95	8" (11.25D) Bend & Block	EA	6	\$ 622.32	\$ 3,733.92	\$ 520.00	\$ 3,120.00
96	8" (22.5D) Bend & Block	EA	14	\$ 640.01	\$ 8,960.14	\$ 527.00	\$ 7,378.00
97	8" (45D) Bend & Block	EA	25	\$ 657.80	\$ 16,445.00	\$ 525.00	\$ 13,125.00
98	4" (45D) Bend & Block	EA	2	\$ 544.77	\$ 1,089.54	\$ 347.00	\$ 694.00
99	4" (90D) Bend & Block	EA	1	\$ 555.32	\$ 555.32	\$ 350.00	\$ 350.00
100	12"x12" MJ Tee & Block	EA	3	\$ 1,122.44	\$ 3,367.32	\$ 959.00	\$ 2,877.00
101	12"x8" MJ Tee & Block	EA	14	\$ 1,031.83	\$ 14,445.62	\$ 968.00	\$ 13,552.00
102	12"x4" MJ Tee & Block	EA	1	\$ 957.55	\$ 957.55	\$ 845.00	\$ 845.00
103	8"x4" MJ Tee & Block	EA	1	\$ 799.85	\$ 799.85	\$ 697.00	\$ 697.00
104	8"x6" Reducer	EA	5	\$ 588.72	\$ 2,943.60	\$ 417.00	\$ 2,085.00
105	8"x3" Reducer	EA	2	\$ 576.49	\$ 1,152.98	\$ 407.00	\$ 814.00
106	2" Connection	EA	2	\$ 853.71	\$ 1,707.42	\$ 1,339.00	\$ 2,678.00
107	2" Curb Stop	EA	2	\$ 707.37	\$ 1,414.74	\$ 649.00	\$ 1,298.00
108	12" Anchor Coupling	EA	29	\$ 686.06	\$ 19,895.74	\$ 418.00	\$ 12,122.00
109	8" Anchor Coupling	EA	18	\$ 542.58	\$ 9,766.44	\$ 273.00	\$ 4,914.00
110	4" Anchor Coupling	EA	2	\$ 527.98	\$ 1,055.96	\$ 258.00	\$ 516.00
111	12" Cap & Block	EA	3	\$ 722.33	\$ 2,166.99	\$ 480.00	\$ 1,440.00
112	8" Cap & Block	EA	8	\$ 635.98	\$ 5,087.84	\$ 355.00	\$ 2,840.00
113	6" Cap & Block	EA	5	\$ 517.04	\$ 2,585.20	\$ 363.00	\$ 1,815.00

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

				Miles Excavating, Inc.		Amino Brothers Co., Inc.	
ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
114	4" Cap & Block	EA	2	\$ 485.56	\$ 971.12	\$ 261.00	\$ 522.00
115	3" Cap & Block	EA	2	\$ 478.15	\$ 956.30	\$ 254.00	\$ 508.00
116	2" Cap & Block	EA	3	\$ 459.10	\$ 1,377.30	\$ 184.00	\$ 552.00
117	Connect to Existing Waterline	EA	21	\$ 3,316.16	\$ 69,639.36	\$ 2,187.00	\$ 45,927.00
118	Fire Hydrant Assembly	EA	11	\$ 4,087.27	\$ 44,959.97	\$ 3,984.00	\$ 43,824.00
119	Salvage Existing Fire Hydrant	EA	10	\$ 696.83	\$ 6,968.30	\$ 598.00	\$ 5,980.00
120	Reconnect Existing Fire Hydrant	EA	3	\$ 1,705.31	\$ 5,115.93	\$ 1,197.00	\$ 3,591.00
121	Remove Existing Meter Pit & Cover	EA	33	\$ 418.10	\$ 13,797.30	\$ 399.00	\$ 13,167.00
122	Remove Existing Valve Box & Cover	EA	39	\$ 418.10	\$ 16,305.90	\$ 199.00	\$ 7,761.00
123	4" Double Check Detector Assembly (DCDA)	EA	1	\$ 3,286.19	\$ 3,286.19	\$ 6,706.00	\$ 6,706.00
124	8'x6' Concrete Backflow Preventer Vault	EA	1	\$ 6,866.66	\$ 6,866.66	\$ 7,154.00	\$ 7,154.00
125	Remove Existing Backflow Preventer & Install 4" Pipe	LS	1	\$ 2,622.39	\$ 2,622.39	\$ 1,197.00	\$ 1,197.00
126	3/4" Short Service	EA	10	\$ 1,242.65	\$ 12,426.50	\$ 1,017.00	\$ 10,170.00
127	3/4" Long Service	EA	18	\$ 1,808.91	\$ 32,560.38	\$ 2,313.00	\$ 41,634.00
128	1" Short Service	EA	2	\$ 1,404.40	\$ 2,808.80	\$ 1,238.00	\$ 2,476.00
129	1-1/2" Short Service	EA	1	\$ 4,127.52	\$ 4,127.52	\$ 2,875.00	\$ 2,875.00
130	2" Short Service	EA	1	\$ 4,342.76	\$ 4,342.76	\$ 2,934.00	\$ 2,934.00
131	2" Long Service	EA	1	\$ 4,342.76	\$ 4,342.76	\$ 4,379.00	\$ 4,379.00
132	Reinforced Concrete Encasement	LF	20	\$ 148.06	\$ 2,961.20	\$ 108.00	\$ 2,160.00
133	Remove & Replace Full Depth Pavement	SY	45	\$ 149.69	\$ 6,736.05	\$ 97.55	\$ 4,389.75
134	Disinfection and Pressure Testing	LS	1	\$ 13,841.86	\$ 13,841.86	\$ 19,025.00	\$ 19,025.00

	BASE BID GRAND TOTAL			\$ 6,112,111.43		\$ 6,465,444.65
--	-----------------------------	--	--	-----------------	--	-----------------

Bid Alternate

20	"Deduct" 9" Class 'C' Flyash Subgrade Modification	SY	41,100	\$ (5.70)	\$ (234,270.00)	\$ (4.76)	\$ (195,636.00)
20A	"Add" 9" Recycled Crushed Concrete Aggregate Base	SY	41,100	\$ 11.31	\$ 464,841.00	\$ 12.32	\$ 506,352.00

	BASE BID + BID ALTERNATE GRAND TOTAL			\$ 6,342,682.43		\$ 6,776,160.65
--	---	--	--	-----------------	--	-----------------

It is understood and agreed that the contract will be awarded on the basis of the base

The Work will be substantially completed on or before December 31st, 2018, and completed and ready for final payment in accordance with Paragraph GC-54 of the General Conditions on or before February 28th, 2019. One Thousand Dollars (\$1,000) per day liquidated damages will be assessed for every day thereafter until the job is completed and accepted by the City Commission.

PAGE P-4 AND P-5 MUST BE COMPLETED AND SUBMITTED WITH YOUR BID

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	King's Construction Co., Inc.		Kansas Heavy Construction LLC	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	Street & Storm Sewer						
1	Site Preparation	LS	1	\$ 414,000.00	\$ 414,000.00	\$ 130,000.00	\$ 130,000.00
2	Unclassified Excavation	CY	19,670	\$ 18.00	\$ 354,060.00	\$ 15.00	\$ 295,050.00
3	Compaction of Earthwork	CY	866	\$ 5.00	\$ 4,330.00	\$ 9.00	\$ 7,794.00
4	Remove Existing Pavement	SY	37,211	\$ 4.30	\$ 160,007.30	\$ 14.00	\$ 520,954.00
5	Remove Existing Curb & Gutter	LF	19,774	\$ 3.00	\$ 59,322.00	\$ 4.20	\$ 83,050.80
6	Remove Existing Sidewalk	SY	3,385	\$ 3.00	\$ 10,155.00	\$ 6.00	\$ 20,310.00
7	Remove Existing Driveway Pavement	SY	808	\$ 5.00	\$ 4,040.00	\$ 12.50	\$ 10,100.00
8	Remove Existing Gravel Driveway	SY	33	\$ 10.00	\$ 330.00	\$ 5.00	\$ 165.00
9	Remove Existing Storm Structure	EA	36	\$ 450.00	\$ 16,200.00	\$ 650.00	\$ 23,400.00
10	Remove Existing Storm Pipe	LF	2,548	\$ 15.00	\$ 38,220.00	\$ 8.00	\$ 20,384.00
11	Remove Existing Chain Link Fence	LF	207	\$ 5.00	\$ 1,035.00	\$ 1.50	\$ 310.50
12	Remove Existing Wood Fence	LF	246	\$ 5.00	\$ 1,230.00	\$ 5.00	\$ 1,230.00
13	Remove Existing Retaining Wall	LF	285	\$ 15.00	\$ 4,275.00	\$ 5.00	\$ 1,425.00
14	Remove Existing Sanitary Sewer Manhole	EA	2	\$ 1,750.00	\$ 3,500.00	\$ 750.00	\$ 1,500.00
15	10" Non-Reinforced Dowel Jointed Concrete Pavement	SY	36,762	\$ 63.20	\$ 2,323,358.40	\$ 53.80	\$ 1,977,795.60
16	8" Non-Reinforced Dowel Jointed Concrete Pavement	SY	2,046	\$ 72.00	\$ 147,312.00	\$ 56.00	\$ 114,576.00
17	8" Reinforced Concrete Pavement (Commercial Drive)	SY	1,456	\$ 73.00	\$ 106,288.00	\$ 56.00	\$ 81,536.00
18	6" Reinforced Concrete Pavement (Residential Drive)	SY	881	\$ 65.00	\$ 57,265.00	\$ 50.00	\$ 44,050.00
19	10" Reinforced Concrete Pavement (Residential Drive)	SY	48	\$ 103.00	\$ 4,944.00	\$ 75.00	\$ 3,600.00
20	9" Class 'C' Flyash Subgrade Modification	SY	41,100	\$ 3.90	\$ 160,290.00	\$ 8.00	\$ 328,800.00
21	Type CG-1 Curb and Gutter	LF	15,821	\$ 10.40	\$ 164,538.40	\$ 18.60	\$ 294,270.60
22	8'x6" Concrete Recreation Path	LF	4,955	\$ 40.00	\$ 198,200.00	\$ 34.50	\$ 170,947.50
23	6'x4" Concrete Sidewalk	LF	3,164	\$ 24.00	\$ 75,936.00	\$ 24.00	\$ 75,936.00
24	5'x4" Concrete Sidewalk	LF	523	\$ 18.00	\$ 9,414.00	\$ 20.00	\$ 10,460.00
25	Integral 8'x6" Concrete Recreation Path & Retaining Wall	LF	1,053	\$ 78.00	\$ 82,134.00	\$ 105.00	\$ 110,565.00
26	Integral 6'x4" Concrete Sidewalk & Retaining Wall	LF	58	\$ 75.00	\$ 4,350.00	\$ 140.00	\$ 8,120.00
27	Modular Retaining Wall	LF	263	\$ 125.00	\$ 32,875.00	\$ 138.00	\$ 36,294.00
28	Dowel Existing Sidewalk For 8'x6" Sidewalk Expansion	LF	120	\$ 45.00	\$ 5,400.00	\$ 4.50	\$ 540.00
29	Access Ramp	EA	57	\$ 950.00	\$ 54,150.00	\$ 1,345.00	\$ 76,665.00
30	Median Ramp	EA	1	\$ 1,750.00	\$ 1,750.00	\$ 1,800.00	\$ 1,800.00
31	Bike Ramp	EA	4	\$ 750.00	\$ 3,000.00	\$ 1,750.00	\$ 7,000.00
32	Concrete Nose	EA	17	\$ 1,250.00	\$ 21,250.00	\$ 950.00	\$ 16,150.00
33	6" Reinforced Exposed Aggregate Concrete	SY	66	\$ 125.00	\$ 8,250.00	\$ 95.00	\$ 6,270.00
34	18" RCP	LF	1,452	\$ 63.00	\$ 91,476.00	\$ 55.00	\$ 79,860.00
35	21" RCP	LF	246	\$ 83.00	\$ 20,418.00	\$ 58.00	\$ 14,268.00
36	24" CMP (16 GA., 2-2/3"x1/2" Corr.)	LF	6	\$ 250.00	\$ 1,500.00	\$ 250.00	\$ 1,500.00
37	24" RCP	LF	1,136	\$ 78.00	\$ 88,608.00	\$ 64.00	\$ 72,704.00
38	30" RCP	LF	195	\$ 135.00	\$ 26,325.00	\$ 120.00	\$ 23,400.00
39	6" PVC Underdrain	LF	1,423	\$ 15.00	\$ 21,345.00	\$ 21.50	\$ 30,594.50
40	6'x4' Curb Inlet	EA	16	\$ 3,750.00	\$ 60,000.00	\$ 4,500.00	\$ 72,000.00
41	6'x5' Curb Inlet	EA	1	\$ 4,250.00	\$ 4,250.00	\$ 5,350.00	\$ 5,350.00
42	8'x4' Curb Inlet	EA	1	\$ 4,100.00	\$ 4,100.00	\$ 5,750.00	\$ 5,750.00
43	6'x4' Modified Curb Inlet	EA	7	\$ 4,250.00	\$ 29,750.00	\$ 4,450.00	\$ 31,150.00
44	6'x5' Modified Curb Inlet	EA	1	\$ 4,550.00	\$ 4,550.00	\$ 5,150.00	\$ 5,150.00
45	4'x5' Area Inlet	EA	2	\$ 3,750.00	\$ 7,500.00	\$ 5,190.00	\$ 10,380.00
46	4'x4' Junction Box w/ Type II Ring & Cover	EA	1	\$ 3,300.00	\$ 3,300.00	\$ 4,000.00	\$ 4,000.00
47	5'x5' Junction Box w/ Type II Ring & Cover	EA	1	\$ 3,900.00	\$ 3,900.00	\$ 5,450.00	\$ 5,450.00
48	6'x6' Junction Box w/ Type II Ring & Cover	EA	1	\$ 4,300.00	\$ 4,300.00	\$ 5,250.00	\$ 5,250.00
49	8" Nyloplast Catch Basin w/ Light Duty Dome Grate	EA	1	\$ 2,250.00	\$ 2,250.00	\$ 1,550.00	\$ 1,550.00
50	Connect to Existing Storm Sewer Pipe	EA	6	\$ 5,000.00	\$ 30,000.00	\$ 980.00	\$ 5,880.00
51	Connect to Existing Curb Inlet	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,300.00	\$ 1,300.00
52	4' Dia. Sanitary Manhole (6' Depth)	EA	1	\$ 8,000.00	\$ 8,000.00	\$ 5,500.00	\$ 5,500.00
53	4' Dia. Sanitary Manhole w/ Bolt Down Ring & Cover (6' Depth)	EA	1	\$ 8,500.00	\$ 8,500.00	\$ 6,250.00	\$ 6,250.00
54	Extra Depth Manhole (4' Dia., Greater Than 6')	VF	14	\$ 175.00	\$ 2,450.00	\$ 140.00	\$ 1,960.00
55	5" Grade Ring (Sanitary MH)	EA	1	\$ 500.00	\$ 500.00	\$ 250.00	\$ 250.00
56	3" Ring & Cover (Sanitary MH)	EA	1	\$ 1,250.00	\$ 1,250.00	\$ 650.00	\$ 650.00
57	3" Bolt Down Ring & Cover (Sanitary MH)	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 800.00	\$ 800.00
58	Traffic Signal (Harvard Road)	LS	1	\$ 182,500.00	\$ 182,500.00	\$ 200,000.00	\$ 200,000.00

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

				King's Construction Co., Inc.		Kansas Heavy Construction LLC	
ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
59	Traffic Signal (8th Street)	LS	1	\$ 152,500.00	\$ 152,500.00	\$ 170,000.00	\$ 170,000.00
60	3-1.25" Dia. Sch. 40 Fiber Optic Signal Conduit Package	LF	5,726	\$ 10.00	\$ 57,260.00	\$ 10.50	\$ 60,123.00
61	Fiber Optic Hand Hole (Type 1, Tier 15)	EA	5	\$ 1,100.00	\$ 5,500.00	\$ 1,200.00	\$ 6,000.00
62	Street Lighting Wiring & Conduit	LS	1	\$ 11,000.00	\$ 11,000.00	\$ 11,500.00	\$ 11,500.00
63	4" Yellow Line	LF	8,041	\$ 3.85	\$ 30,957.85	\$ 4.00	\$ 32,164.00
64	12" Yellow Line	LF	175	\$ 8.80	\$ 1,540.00	\$ 9.00	\$ 1,575.00
65	6" White Line	LF	13,435	\$ 5.75	\$ 77,251.25	\$ 6.00	\$ 80,610.00
66	12" White Line	LF	142	\$ 8.80	\$ 1,249.60	\$ 9.00	\$ 1,278.00
67	24" White Line	LF	1,593	\$ 16.50	\$ 26,284.50	\$ 17.00	\$ 27,081.00
68	Left Turn Arrow	EA	72	\$ 275.00	\$ 19,800.00	\$ 250.00	\$ 18,000.00
69	Right Turn Arrow	EA	6	\$ 275.00	\$ 1,650.00	\$ 250.00	\$ 1,500.00
70	White Bike Symbol	EA	28	\$ 215.00	\$ 6,020.00	\$ 210.00	\$ 5,880.00
71	White Bike Lane Arrow	EA	28	\$ 127.00	\$ 3,556.00	\$ 130.00	\$ 3,640.00
72	Wood Panel Fence	LF	215	\$ 65.00	\$ 13,975.00	\$ 40.00	\$ 8,600.00
73	Chain Link Fence	LF	158	\$ 75.00	\$ 11,850.00	\$ 20.00	\$ 3,160.00
74	Landscaping	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 24,500.00	\$ 24,500.00
75	Signing	LS	1	\$ 11,825.00	\$ 11,825.00	\$ 14,500.00	\$ 14,500.00
76	Monument Box Adjustment	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 1,250.00	\$ 1,250.00
77	Installation, Repair & Maintenance of Erosion & Sediment Control	LS	1	\$ 75,000.00	\$ 75,000.00	\$ 20,000.00	\$ 20,000.00
78	Traffic Control	LS	1	\$ 137,000.00	\$ 137,000.00	\$ 130,000.00	\$ 130,000.00
79	Construction Staking	LS	1	\$ 40,000.00	\$ 40,000.00	\$ 38,000.00	\$ 38,000.00
80	Seeding, Fertilizing and Mulch	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 19,500.00	\$ 19,500.00
	Waterline						
81	12" (DR-14) PVC Waterline	LF	5,717	\$ 60.00	\$ 343,020.00	\$ 64.00	\$ 365,888.00
82	12" (DR-14) PVC Restrained Joint Waterline (By HDD)	LF	129	\$ 225.00	\$ 29,025.00	\$ 150.00	\$ 19,350.00
83	8" (DR-14) PVC Waterline	LF	1,114	\$ 75.00	\$ 83,550.00	\$ 48.00	\$ 53,472.00
84	4" (DR-14) PVC Waterline	LF	45	\$ 925.00	\$ 41,625.00	\$ 50.00	\$ 2,250.00
85	2" Type K Copper Waterline or Polyethylene Tubing	LF	231	\$ 7.00	\$ 1,617.00	\$ 25.00	\$ 5,775.00
86	12" MJ Gate Valve, Box and Cover	EA	28	\$ 2,000.00	\$ 56,000.00	\$ 2,500.00	\$ 70,000.00
87	8" MJ Gate Valve, Box and Cover	EA	14	\$ 1,100.00	\$ 15,400.00	\$ 1,750.00	\$ 24,500.00
88	4" MJ Gate Valve, Box and Cover	EA	2	\$ 620.00	\$ 1,240.00	\$ 1,250.00	\$ 2,500.00
89	4" Post Indicator Valve	EA	1	\$ 1,920.00	\$ 1,920.00	\$ 2,650.00	\$ 2,650.00
90	12" (11.25D) Bend & Block	EA	7	\$ 650.00	\$ 4,550.00	\$ 1,200.00	\$ 8,400.00
91	12" (22.5D) Bend & Block	EA	2	\$ 675.00	\$ 1,350.00	\$ 1,200.00	\$ 2,400.00
92	12" (45D) Bend & Block	EA	26	\$ 690.00	\$ 17,940.00	\$ 1,200.00	\$ 31,200.00
93	12" (90D) Bend & Block	EA	2	\$ 715.00	\$ 1,430.00	\$ 1,250.00	\$ 2,500.00
94	8" (5.625D) Bend & Block	EA	2	\$ 650.00	\$ 1,300.00	\$ 850.00	\$ 1,700.00
95	8" (11.25D) Bend & Block	EA	6	\$ 450.00	\$ 2,700.00	\$ 850.00	\$ 5,100.00
96	8" (22.5D) Bend & Block	EA	14	\$ 450.00	\$ 6,300.00	\$ 850.00	\$ 11,900.00
97	8" (45D) Bend & Block	EA	25	\$ 460.00	\$ 11,500.00	\$ 850.00	\$ 21,250.00
98	4" (45D) Bend & Block	EA	2	\$ 340.00	\$ 680.00	\$ 550.00	\$ 1,100.00
99	4" (90D) Bend & Block	EA	1	\$ 340.00	\$ 340.00	\$ 550.00	\$ 550.00
100	12"x12" MJ Tee & Block	EA	3	\$ 875.00	\$ 2,625.00	\$ 1,600.00	\$ 4,800.00
101	12"x8" MJ Tee & Block	EA	14	\$ 745.00	\$ 10,430.00	\$ 1,400.00	\$ 19,600.00
102	12"x4" MJ Tee & Block	EA	1	\$ 700.00	\$ 700.00	\$ 1,300.00	\$ 1,300.00
103	8"x4" MJ Tee & Block	EA	1	\$ 625.00	\$ 625.00	\$ 750.00	\$ 750.00
104	8"x6" Reducer	EA	5	\$ 325.00	\$ 1,625.00	\$ 580.00	\$ 2,900.00
105	8"x3" Reducer	EA	2	\$ 320.00	\$ 640.00	\$ 560.00	\$ 1,120.00
106	2" Connection	EA	2	\$ 865.00	\$ 1,730.00	\$ 1,900.00	\$ 3,800.00
107	2" Curb Stop	EA	2	\$ 475.00	\$ 950.00	\$ 1,200.00	\$ 2,400.00
108	12" Anchor Coupling	EA	29	\$ 400.00	\$ 11,600.00	\$ 800.00	\$ 23,200.00
109	8" Anchor Coupling	EA	18	\$ 215.00	\$ 3,870.00	\$ 550.00	\$ 9,900.00
110	4" Anchor Coupling	EA	2	\$ 125.00	\$ 250.00	\$ 400.00	\$ 800.00
111	12" Cap & Block	EA	3	\$ 1,050.00	\$ 3,150.00	\$ 750.00	\$ 2,250.00
112	8" Cap & Block	EA	8	\$ 950.00	\$ 7,600.00	\$ 600.00	\$ 4,800.00
113	6" Cap & Block	EA	5	\$ 750.00	\$ 3,750.00	\$ 450.00	\$ 2,250.00

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

				King's Construction Co., Inc.		Kansas Heavy Construction LLC	
ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
114	4" Cap & Block	EA	2	\$ 650.00	\$ 1,300.00	\$ 350.00	\$ 700.00
115	3" Cap & Block	EA	2	\$ 600.00	\$ 1,200.00	\$ 350.00	\$ 700.00
116	2" Cap & Block	EA	3	\$ 500.00	\$ 1,500.00	\$ 250.00	\$ 750.00
117	Connect to Existing Waterline	EA	21	\$ 1,200.00	\$ 25,200.00	\$ 2,300.00	\$ 48,300.00
118	Fire Hydrant Assembly	EA	11	\$ 3,300.00	\$ 36,300.00	\$ 5,500.00	\$ 60,500.00
119	Salvage Existing Fire Hydrant	EA	10	\$ 600.00	\$ 6,000.00	\$ 500.00	\$ 5,000.00
120	Reconnect Existing Fire Hydrant	EA	3	\$ 1,300.00	\$ 3,900.00	\$ 1,800.00	\$ 5,400.00
121	Remove Existing Meter Pit & Cover	EA	33	\$ 150.00	\$ 4,950.00	\$ 200.00	\$ 6,600.00
122	Remove Existing Valve Box & Cover	EA	39	\$ 50.00	\$ 1,950.00	\$ 60.00	\$ 2,340.00
123	4" Double Check Detector Assembly (DCDA)	EA	1	\$ 3,700.00	\$ 3,700.00	\$ 4,500.00	\$ 4,500.00
124	8'x6' Concrete Backflow Preventer Vault	EA	1	\$ 5,500.00	\$ 5,500.00	\$ 9,500.00	\$ 9,500.00
125	Remove Existing Backflow Preventer & Install 4" Pipe	LS	1	\$ 650.00	\$ 650.00	\$ 3,400.00	\$ 3,400.00
126	3/4" Short Service	EA	10	\$ 1,675.00	\$ 16,750.00	\$ 1,240.00	\$ 12,400.00
127	3/4" Long Service	EA	18	\$ 2,730.00	\$ 49,140.00	\$ 1,800.00	\$ 32,400.00
128	1" Short Service	EA	2	\$ 2,800.00	\$ 5,600.00	\$ 1,350.00	\$ 2,700.00
129	1-1/2" Short Service	EA	1	\$ 3,610.00	\$ 3,610.00	\$ 2,100.00	\$ 2,100.00
130	2" Short Service	EA	1	\$ 3,265.00	\$ 3,265.00	\$ 2,200.00	\$ 2,200.00
131	2" Long Service	EA	1	\$ 4,400.00	\$ 4,400.00	\$ 2,800.00	\$ 2,800.00
132	Reinforced Concrete Encasement	LF	20	\$ 150.00	\$ 3,000.00	\$ 140.00	\$ 2,800.00
133	Remove & Replace Full Depth Pavement	SY	45	\$ 150.00	\$ 6,750.00	\$ 95.00	\$ 4,275.00
134	Disinfection and Pressure Testing	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 15,000.00	\$ 15,000.00
BASE BID GRAND TOTAL					\$ 6,734,597.30		\$ 6,687,576.50

Bid Alternate

20	"Deduct" 9" Class 'C' Flyash Subgrade Modification	SY	41,100	\$ (3.80)	\$ (156,180.00)	\$ (4.00)	\$ (164,400.00)
20A	"Add" 9" Recycled Crushed Concrete Aggregate Base	SY	41,100	\$ 14.50	\$ 595,950.00	\$ 16.00	\$ 657,600.00
BASE BID + BID ALTERNATE GRAND TOTAL					\$ 7,174,367.30		\$ 7,180,776.50

It is understood and agreed that the contract will be awarded on the basis of the base

The Work will be substantially completed on or before December 31st, 2018, and completed and ready for final payment in accordance with Paragraph GC-54 of the General Conditions on or before February 28th, 2019. One Thousand Dollars (\$1,000) per day liquidated damages will be assessed for every day thereafter until the job is completed and accepted by the City Commission.

PAGE P-4 AND P-5 MUST BE COMPLETED AND SUBMITTED WITH YOUR BID

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	J. M. Fahey		Ebert Construction Co., Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	Street & Storm Sewer						
1	Site Preparation	LS	1	\$ 14,700.00	\$ 14,700.00	\$ 145,000.00	\$ 145,000.00
2	Unclassified Excavation	CY	19,670	\$ 33.75	\$ 663,862.50	\$ 17.30	\$ 340,291.00
3	Compaction of Earthwork	CY	866	\$ 3.40	\$ 2,944.40	\$ 3.50	\$ 3,031.00
4	Remove Existing Pavement	SY	37,211	\$ 8.75	\$ 325,596.25	\$ 10.00	\$ 372,110.00
5	Remove Existing Curb & Gutter	LF	19,774	\$ 2.75	\$ 54,378.50	\$ 0.75	\$ 14,830.50
6	Remove Existing Sidewalk	SY	3,385	\$ 5.00	\$ 16,925.00	\$ 4.60	\$ 15,571.00
7	Remove Existing Driveway Pavement	SY	808	\$ 8.25	\$ 6,666.00	\$ 4.60	\$ 3,716.80
8	Remove Existing Gravel Driveway	SY	33	\$ 7.75	\$ 255.75	\$ 4.60	\$ 151.80
9	Remove Existing Storm Structure	EA	36	\$ 158.50	\$ 5,706.00	\$ 1,800.00	\$ 64,800.00
10	Remove Existing Storm Pipe	LF	2,548	\$ 4.00	\$ 10,192.00	\$ 30.00	\$ 76,440.00
11	Remove Existing Chain Link Fence	LF	207	\$ 8.00	\$ 1,656.00	\$ 13.00	\$ 2,691.00
12	Remove Existing Wood Fence	LF	246	\$ 9.75	\$ 2,398.50	\$ 13.00	\$ 3,198.00
13	Remove Existing Retaining Wall	LF	285	\$ 20.50	\$ 5,842.50	\$ 25.00	\$ 7,125.00
14	Remove Existing Sanitary Sewer Manhole	EA	2	\$ 3,000.00	\$ 6,000.00	\$ 770.00	\$ 1,540.00
15	10" Non-Reinforced Dowel Jointed Concrete Pavement	SY	36,762	\$ 62.00	\$ 2,279,244.00	\$ 61.95	\$ 2,277,405.90
16	8" Non-Reinforced Dowel Jointed Concrete Pavement	SY	2,046	\$ 80.50	\$ 164,703.00	\$ 58.34	\$ 119,363.64
17	8" Reinforced Concrete Pavement (Commercial Drive)	SY	1,456	\$ 85.75	\$ 124,852.00	\$ 57.49	\$ 83,705.44
18	6" Reinforced Concrete Pavement (Residential Drive)	SY	881	\$ 79.00	\$ 69,599.00	\$ 47.36	\$ 41,724.16
19	10" Reinforced Concrete Pavement (Residential Drive)	SY	48	\$ 105.00	\$ 5,040.00	\$ 98.20	\$ 4,713.60
20	9" Class 'C' Flyash Subgrade Modification	SY	41,100	\$ 7.00	\$ 287,700.00	\$ 10.00	\$ 411,000.00
21	Type CG-1 Curb and Gutter	LF	15,821	\$ 19.50	\$ 308,509.50	\$ 22.13	\$ 350,118.73
22	8'x6" Concrete Recreation Path	LF	4,955	\$ 46.00	\$ 227,930.00	\$ 39.37	\$ 195,078.35
23	6'x4" Concrete Sidewalk	LF	3,164	\$ 35.00	\$ 110,740.00	\$ 28.21	\$ 89,256.44
24	5'x4" Concrete Sidewalk	LF	523	\$ 32.50	\$ 16,997.50	\$ 25.78	\$ 13,482.94
25	Integral 8'x6" Concrete Recreation Path & Retaining Wall	LF	1,053	\$ 125.50	\$ 132,151.50	\$ 106.05	\$ 111,670.65
26	Integral 6'x4" Concrete Sidewalk & Retaining Wall	LF	58	\$ 150.00	\$ 8,700.00	\$ 139.13	\$ 8,069.54
27	Modular Retaining Wall	LF	263	\$ 93.00	\$ 24,459.00	\$ 92.58	\$ 24,348.54
28	Dowel Existing Sidewalk For 8'x6" Sidewalk Expansion	LF	120	\$ 5.00	\$ 600.00	\$ 18.34	\$ 2,200.80
29	Access Ramp	EA	57	\$ 1,800.00	\$ 102,600.00	\$ 1,397.00	\$ 79,629.00
30	Median Ramp	EA	1	\$ 2,800.00	\$ 2,800.00	\$ 2,763.17	\$ 2,763.17
31	Bike Ramp	EA	4	\$ 2,800.00	\$ 11,200.00	\$ 1,839.02	\$ 7,356.08
32	Concrete Nose	EA	17	\$ 1,525.00	\$ 25,925.00	\$ 1,300.90	\$ 22,115.30
33	6" Reinforced Exposed Aggregate Concrete	SY	66	\$ 110.25	\$ 7,276.50	\$ 82.16	\$ 5,422.56
34	18" RCP	LF	1,452	\$ 70.50	\$ 102,366.00	\$ 145.00	\$ 210,540.00
35	21" RCP	LF	246	\$ 75.75	\$ 18,634.50	\$ 155.00	\$ 38,130.00
36	24" CMP (16 GA., 2-2/3"x1/2" Corr.)	LF	6	\$ 80.00	\$ 480.00	\$ 166.00	\$ 996.00
37	24" RCP	LF	1,136	\$ 75.50	\$ 85,768.00	\$ 169.00	\$ 191,984.00
38	30" RCP	LF	195	\$ 127.50	\$ 24,862.50	\$ 183.00	\$ 35,685.00
39	6" PVC Underdrain	LF	1,423	\$ 31.00	\$ 44,113.00	\$ 30.00	\$ 42,690.00
40	6'x4' Curb Inlet	EA	16	\$ 5,171.00	\$ 82,736.00	\$ 4,050.00	\$ 64,800.00
41	6'x5' Curb Inlet	EA	1	\$ 5,225.60	\$ 5,225.60	\$ 4,700.00	\$ 4,700.00
42	8'x4' Curb Inlet	EA	1	\$ 5,255.75	\$ 5,255.75	\$ 4,720.00	\$ 4,720.00
43	6'x4' Modified Curb Inlet	EA	7	\$ 5,453.50	\$ 38,174.50	\$ 4,150.00	\$ 29,050.00
44	6'x5' Modified Curb Inlet	EA	1	\$ 5,607.50	\$ 5,607.50	\$ 4,670.00	\$ 4,670.00
45	4'x5' Area Inlet	EA	2	\$ 5,590.00	\$ 11,180.00	\$ 4,340.00	\$ 8,680.00
46	4'x4' Junction Box w/ Type II Ring & Cover	EA	1	\$ 4,541.75	\$ 4,541.75	\$ 3,750.00	\$ 3,750.00
47	5'x5' Junction Box w/ Type II Ring & Cover	EA	1	\$ 5,191.00	\$ 5,191.00	\$ 4,620.00	\$ 4,620.00
48	6'x6' Junction Box w/ Type II Ring & Cover	EA	1	\$ 5,900.00	\$ 5,900.00	\$ 4,560.00	\$ 4,560.00
49	8" Nyloplast Catch Basin w/ Light Duty Dome Grate	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 3,590.00	\$ 3,590.00
50	Connect to Existing Storm Sewer Pipe	EA	6	\$ 600.00	\$ 3,600.00	\$ 1,485.00	\$ 8,910.00
51	Connect to Existing Curb Inlet	EA	1	\$ 2,700.00	\$ 2,700.00	\$ 1,485.00	\$ 1,485.00
52	4' Dia. Sanitary Manhole (6' Depth)	EA	1	\$ 5,531.25	\$ 5,531.25	\$ 5,505.04	\$ 5,505.04
53	4' Dia. Sanitary Manhole w/ Bolt Down Ring & Cover (6' Depth)	EA	1	\$ 5,732.25	\$ 5,732.25	\$ 5,081.57	\$ 5,081.57
54	Extra Depth Manhole (4' Dia., Greater Than 6')	VF	14	\$ 100.50	\$ 1,407.00	\$ 211.73	\$ 2,964.22
55	5" Grade Ring (Sanitary MH)	EA	1	\$ 70.50	\$ 70.50	\$ 529.33	\$ 529.33
56	3" Ring & Cover (Sanitary MH)	EA	1	\$ 704.00	\$ 704.00	\$ 741.06	\$ 741.06
57	3" Bolt Down Ring & Cover (Sanitary MH)	EA	1	\$ 804.00	\$ 804.00	\$ 794.00	\$ 794.00
58	Traffic Signal (Harvard Road)	LS	1	\$ 182,250.00	\$ 182,250.00	\$ 191,851.60	\$ 191,851.60

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	J. M. Fahey		Ebert Construction Co., Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
59	Traffic Signal (8th Street)	LS	1	\$ 150,442.00	\$ 150,442.00	\$ 158,370.39	\$ 158,370.39
60	3-1.25" Dia. Sch. 40 Fiber Optic Signal Conduit Package	LF	5,726	\$ 9.60	\$ 54,969.60	\$ 10.14	\$ 58,061.64
61	Fiber Optic Hand Hole (Type 1, Tier 15)	EA	5	\$ 1,045.00	\$ 5,225.00	\$ 1,101.01	\$ 5,505.05
62	Street Lighting Wiring & Conduit	LS	1	\$ 10,273.00	\$ 10,273.00	\$ 10,815.28	\$ 10,815.28
63	4" Yellow Line	LF	8,041	\$ 3.50	\$ 28,143.50	\$ 3.71	\$ 29,832.11
64	12" Yellow Line	LF	175	\$ 8.00	\$ 1,400.00	\$ 8.47	\$ 1,482.25
65	6" White Line	LF	13,435	\$ 5.25	\$ 70,533.75	\$ 5.53	\$ 74,295.55
66	12" White Line	LF	142	\$ 8.00	\$ 1,136.00	\$ 8.47	\$ 1,202.74
67	24" White Line	LF	1,593	\$ 15.00	\$ 23,895.00	\$ 15.88	\$ 25,296.84
68	Left Turn Arrow	EA	72	\$ 251.00	\$ 18,072.00	\$ 264.67	\$ 19,056.24
69	Right Turn Arrow	EA	6	\$ 251.00	\$ 1,506.00	\$ 264.67	\$ 1,588.02
70	White Bike Symbol	EA	28	\$ 196.00	\$ 5,488.00	\$ 206.44	\$ 5,780.32
71	White Bike Lane Arrow	EA	28	\$ 115.75	\$ 3,241.00	\$ 121.75	\$ 3,409.00
72	Wood Panel Fence	LF	215	\$ 63.75	\$ 13,706.25	\$ 67.22	\$ 14,452.30
73	Chain Link Fence	LF	158	\$ 73.00	\$ 11,534.00	\$ 76.75	\$ 12,126.50
74	Landscaping	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 29,430.77	\$ 29,430.77
75	Signing	LS	1	\$ 10,793.00	\$ 10,793.00	\$ 11,361.55	\$ 11,361.55
76	Monument Box Adjustment	LS	1	\$ 2,514.00	\$ 2,514.00	\$ 1,000.00	\$ 1,000.00
77	Installation, Repair & Maintenance of Erosion & Sediment Control	LS	1	\$ 12,445.00	\$ 12,445.00	\$ 18,988.83	\$ 18,988.83
78	Traffic Control	LS	1	\$ 120,679.75	\$ 120,679.75	\$ 127,039.31	\$ 127,039.31
79	Construction Staking	LS	1	\$ 34,500.00	\$ 34,500.00	\$ 35,009.92	\$ 35,009.92
80	Seeding, Fertilizing and Mulch	LS	1	\$ 21,119.50	\$ 21,119.50	\$ 18,791.23	\$ 18,791.23
	Waterline						
81	12" (DR-14) PVC Waterline	LF	5,717	\$ 72.50	\$ 414,482.50	\$ 51.35	\$ 293,567.95
82	12" (DR-14) PVC Restrained Joint Waterline (By HDD)	LF	129	\$ 184.00	\$ 23,736.00	\$ 332.42	\$ 42,882.18
83	8" (DR-14) PVC Waterline	LF	1,114	\$ 110.75	\$ 123,375.50	\$ 54.26	\$ 60,445.64
84	4" (DR-14) PVC Waterline	LF	45	\$ 92.50	\$ 4,162.50	\$ 31.76	\$ 1,429.20
85	2" Type K Copper Waterline or Polyethylene Tubing	LF	231	\$ 65.50	\$ 15,130.50	\$ 27.53	\$ 6,359.43
86	12" MJ Gate Valve, Box and Cover	EA	28	\$ 1,750.00	\$ 49,000.00	\$ 2,276.12	\$ 63,731.36
87	8" MJ Gate Valve, Box and Cover	EA	14	\$ 935.25	\$ 13,093.50	\$ 1,561.52	\$ 21,861.28
88	4" MJ Gate Valve, Box and Cover	EA	2	\$ 538.00	\$ 1,076.00	\$ 1,005.73	\$ 2,011.46
89	4" Post Indicator Valve	EA	1	\$ 1,609.00	\$ 1,609.00	\$ 2,223.19	\$ 2,223.19
90	12" (11.25D) Bend & Block	EA	7	\$ 417.00	\$ 2,919.00	\$ 968.67	\$ 6,780.69
91	12" (22.5D) Bend & Block	EA	2	\$ 427.50	\$ 855.00	\$ 910.45	\$ 1,820.90
92	12" (45D) Bend & Block	EA	26	\$ 553.25	\$ 14,384.50	\$ 942.21	\$ 24,497.46
93	12" (90D) Bend & Block	EA	2	\$ 653.75	\$ 1,307.50	\$ 963.38	\$ 1,926.76
94	8" (5.625D) Bend & Block	EA	2	\$ 301.00	\$ 602.00	\$ 751.65	\$ 1,503.30
95	8" (11.25D) Bend & Block	EA	6	\$ 301.00	\$ 1,806.00	\$ 751.65	\$ 4,509.90
96	8" (22.5D) Bend & Block	EA	14	\$ 301.00	\$ 4,214.00	\$ 756.94	\$ 10,597.16
97	8" (45D) Bend & Block	EA	25	\$ 321.00	\$ 8,025.00	\$ 756.94	\$ 18,923.50
98	4" (45D) Bend & Block	EA	2	\$ 251.50	\$ 503.00	\$ 619.32	\$ 1,238.64
99	4" (90D) Bend & Block	EA	1	\$ 251.50	\$ 251.50	\$ 635.20	\$ 635.20
100	12"x12" MJ Tee & Block	EA	3	\$ 905.00	\$ 2,715.00	\$ 1,026.90	\$ 3,080.70
101	12"x8" MJ Tee & Block	EA	14	\$ 754.25	\$ 10,559.50	\$ 1,048.07	\$ 14,672.98
102	12"x4" MJ Tee & Block	EA	1	\$ 603.50	\$ 603.50	\$ 968.67	\$ 968.67
103	8"x4" MJ Tee & Block	EA	1	\$ 553.00	\$ 553.00	\$ 820.46	\$ 820.46
104	8"x6" Reducer	EA	5	\$ 211.25	\$ 1,056.25	\$ 513.45	\$ 2,567.25
105	8"x3" Reducer	EA	2	\$ 201.00	\$ 402.00	\$ 486.98	\$ 973.96
106	2" Connection	EA	2	\$ 1,207.00	\$ 2,414.00	\$ 688.13	\$ 1,376.26
107	2" Curb Stop	EA	2	\$ 503.00	\$ 1,006.00	\$ 608.73	\$ 1,217.46
108	12" Anchor Coupling	EA	29	\$ 377.00	\$ 10,933.00	\$ 582.26	\$ 16,885.54
109	8" Anchor Coupling	EA	18	\$ 171.00	\$ 3,078.00	\$ 397.00	\$ 7,146.00
110	4" Anchor Coupling	EA	2	\$ 100.50	\$ 201.00	\$ 317.60	\$ 635.20
111	12" Cap & Block	EA	3	\$ 276.50	\$ 829.50	\$ 635.20	\$ 1,905.60
112	8" Cap & Block	EA	8	\$ 150.75	\$ 1,206.00	\$ 1,275.69	\$ 10,205.52
113	6" Cap & Block	EA	5	\$ 120.75	\$ 603.75	\$ 539.92	\$ 2,699.60

CITY OF LAWRENCE
City Bid No. B1751
Project No. PW1505 & UT1704
Kasold Drive, Bob Billings Pkwy to 6th St.
Street, Storm & Waterline Improvements
BID TAB
Bid Date: January 23, 2018

ITEM	PROJECT NO. PW1505 and UT1704	UNIT	QUANTITY	J. M. Fahey		Ebert Construction Co., Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
114	4" Cap & Block	EA	2	\$ 90.50	\$ 181.00	\$ 476.40	\$ 952.80
115	3" Cap & Block	EA	2	\$ 90.50	\$ 181.00	\$ 465.81	\$ 931.62
116	2" Cap & Block	EA	3	\$ 90.50	\$ 271.50	\$ 359.94	\$ 1,079.82
117	Connect to Existing Waterline	EA	21	\$ 2,011.50	\$ 42,241.50	\$ 794.00	\$ 16,674.00
118	Fire Hydrant Assembly	EA	11	\$ 5,631.75	\$ 61,949.25	\$ 3,070.12	\$ 33,771.32
119	Salvage Existing Fire Hydrant	EA	10	\$ 905.00	\$ 9,050.00	\$ 264.67	\$ 2,646.70
120	Reconnect Existing Fire Hydrant	EA	3	\$ 1,810.25	\$ 5,430.75	\$ 1,323.33	\$ 3,969.99
121	Remove Existing Meter Pit & Cover	EA	33	\$ 201.00	\$ 6,633.00	\$ 132.33	\$ 4,366.89
122	Remove Existing Valve Box & Cover	EA	39	\$ 201.00	\$ 7,839.00	\$ 127.04	\$ 4,954.56
123	4" Double Check Detector Assembly (DCDA)	EA	1	\$ 9,503.75	\$ 9,503.75	\$ 2,964.25	\$ 2,964.25
124	8'x6' Concrete Backflow Preventer Vault	EA	1	\$ 4,224.00	\$ 4,224.00	\$ 5,928.50	\$ 5,928.50
125	Remove Existing Backflow Preventer & Install 4" Pipe	LS	1	\$ 4,626.25	\$ 4,626.25	\$ 635.20	\$ 635.20
126	3/4" Short Service	EA	10	\$ 1,206.75	\$ 12,067.50	\$ 582.26	\$ 5,822.60
127	3/4" Long Service	EA	18	\$ 1,458.25	\$ 26,248.50	\$ 1,482.13	\$ 26,678.34
128	1" Short Service	EA	2	\$ 1,408.00	\$ 2,816.00	\$ 963.38	\$ 1,926.76
129	1-1/2" Short Service	EA	1	\$ 1,508.50	\$ 1,508.50	\$ 2,434.92	\$ 2,434.92
130	2" Short Service	EA	1	\$ 1,610.00	\$ 1,610.00	\$ 2,540.79	\$ 2,540.79
131	2" Long Service	EA	1	\$ 1,709.75	\$ 1,709.75	\$ 4,128.78	\$ 4,128.78
132	Reinforced Concrete Encasement	LF	20	\$ 166.00	\$ 3,320.00	\$ 84.69	\$ 1,693.80
133	Remove & Replace Full Depth Pavement	SY	45	\$ 120.75	\$ 5,433.75	\$ 238.20	\$ 10,719.00
134	Disinfection and Pressure Testing	LS	1	\$ 20,112.75	\$ 20,112.75	\$ 15,879.91	\$ 15,879.91
BASE BID GRAND TOTAL					\$ 7,238,753.10		\$ 7,216,644.55

Bid Alternate

20	"Deduct" 9" Class 'C' Flyash Subgrade Modification	SY	41,100	\$ (6.00)	\$ (246,600.00)	\$ 10.00	\$ 411,000.00
20A	"Add" 9" Recycled Crushed Concrete Aggregate Base	SY	41,100	\$ 17.75	\$ 729,525.00	\$ 12.83	\$ 527,313.00
BASE BID + BID ALTERNATE GRAND TOTAL					\$ 7,721,678.10		\$ 8,154,957.55

It is understood and agreed that the contract will be awarded on the basis of the base

The Work will be substantially completed on or before December 31st, 2018, and completed and ready for final payment in accordance with Paragraph GC-54 of the General Conditions on or before February 28th, 2019. One Thousand Dollars (\$1,000) per day liquidated damages will be assessed for every day thereafter until the job is completed and accepted by the City Commission.

PAGE P-4 AND P-5 MUST BE COMPLETED AND SUBMITTED WITH YOUR BID