

CITY OF LAWRENCE
City Bid No. B1619
Project No. PW1611
19th Street and Ousdahl Road, Intersection Improvements

BID TAB

Bid Date: May 10, 2016
Engineer's Estimate: \$869,202.50

ITEM	DESCRIPTION	UNIT	QUANTITY	Engineering Estimate		R. D. Johnson Excavating Co., Inc	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Mobilization	Lump Sum	1	\$ 85,000.00	\$ 85,000.00	\$ 18,000.00	\$ 18,000.00
2	Contractor Construction Staking	Lump Sum	1	\$ 15,000.00	\$ 15,000.00	\$ 8,760.00	\$ 8,760.00
3	Demolition and Removal	Lump Sum	1	\$ 30,000.00	\$ 30,000.00	\$ 41,285.00	\$ 41,285.00
4	Clearing and Grubbing	Lump Sum	1	\$ 20,000.00	\$ 20,000.00	\$ 6,850.00	\$ 6,850.00
5	Excavation	Cu. Yd.	1,513	\$ 15.00	\$ 22,695.00	\$ 12.00	\$ 18,156.00
6	Embankment	Cu. Yd.	45	\$ 10.00	\$ 450.00	\$ 4.00	\$ 180.00
7	Utility Trench & Backfill/Compaction	Cu. Yd.	200	\$ 20.00	\$ 4,000.00	\$ 3.25	\$ 650.00
8	Subgrade Stabilization (9" Fly Ash Treatment)	Sq. Yd.	809	\$ 12.00	\$ 9,708.00	\$ 6.10	\$ 4,934.90
9	Subgrade Stabilization (8" KDOT AB-3)	Sq. Yd.	2495	\$ 11.00	\$ 27,445.00	\$ 8.50	\$ 21,207.50
10	Asphalt Pavement (8")	Sq. Yd.	672	\$ 35.00	\$ 23,520.00	\$ 37.40	\$ 25,132.80
11	Concrete Pavement (4")(Plain)(Colored)	Sq. Yd.	83	\$ 70.00	\$ 5,810.00	\$ 95.20	\$ 7,901.60
12	Concrete Pavement (8")(NRDJ)	Sq. Yd.	1407	\$ 50.00	\$ 70,350.00	\$ 60.60	\$ 85,264.20
13	Concrete Pavement (10")(NRDJ)	Sq. Yd.	706	\$ 55.00	\$ 38,830.00	\$ 69.10	\$ 48,784.60
14	Temporary Surfacing (Aggregate)	Ton	265	\$ 55.00	\$ 14,575.00	\$ 16.00	\$ 4,240.00
15	Driveways (6")(Concrete)	Sq. Yd.	85	\$ 60.00	\$ 5,100.00	\$ 81.20	\$ 6,902.00
16	Driveways (6")(Asphalt)	Sq. Yd.	28	\$ 30.00	\$ 840.00	\$ 90.70	\$ 2,539.60
17	Sidewalks (4")(Concrete)	Sq. Yd.	284	\$ 40.00	\$ 11,360.00	\$ 43.20	\$ 12,268.80
18	Shared Use Paths (6")(Concrete)(Fiber Reinforced)	Sq. Yd.	75	\$ 50.00	\$ 3,750.00	\$ 57.10	\$ 4,282.50
19	Access Ramps	Each	10	\$ 1,050.00	\$ 10,500.00	\$ 1,040.00	\$ 10,400.00
20	Curb and Gutter (Type CG-1)	Ln. Ft.	1203	\$ 30.00	\$ 36,090.00	\$ 24.20	\$ 29,112.60
21	Curb and Gutter (Type CG-1, Dry)	Ln. Ft.	87	\$ 30.00	\$ 2,610.00	\$ 30.80	\$ 2,679.60
22	Curb and Gutter (Type CG-1, Monolithic)	Ln. Ft.	32	\$ 30.00	\$ 960.00	\$ 28.90	\$ 924.80
23	Curb and Gutter (Type CG-3)	Ln. Ft.	252	\$ 30.00	\$ 7,560.00	\$ 29.00	\$ 7,308.00
24	Curb and Gutter (Type CG-3, Dry)	Ln. Ft.	20	\$ 30.00	\$ 600.00	\$ 33.80	\$ 676.00
25	Storm Sewer Structure (Curb Inlet)(6x4)	Each	2	\$ 4,500.00	\$ 9,000.00	\$ 2,950.00	\$ 5,900.00
26	Storm Sewer Structure (Curb Inlet)(8x4)	Each	1	\$ 5,000.00	\$ 5,000.00	\$ 3,450.00	\$ 3,450.00
27	Storm Sewer Structure (Curb Inlet)(6x5)	Each	1	\$ 4,500.00	\$ 4,500.00	\$ 3,300.00	\$ 3,300.00
28	Storm Sewer Structure (Junction Boxes)(4x5)	Each	3	\$ 5,000.00	\$ 15,000.00	\$ 2,925.00	\$ 8,775.00
29	Storm Sewer Pipe (15" HDPE)	Ln. Ft.	7	\$ 45.00	\$ 315.00	\$ 69.38	\$ 485.66
30	Storm Sewer Pipe (18" HDPE)	Ln. Ft.	88	\$ 50.00	\$ 4,400.00	\$ 60.88	\$ 5,357.44
31	Storm Sewer Pipe (15" RCP)	Ln. Ft.	141	\$ 55.00	\$ 7,755.00	\$ 60.35	\$ 8,509.35
32	Storm Sewer Pipe (18" RCP)	Ln. Ft.	33	\$ 60.00	\$ 1,980.00	\$ 61.50	\$ 2,029.50
33	Storm Sewer Pipe (24" RCP)	Ln. Ft.	60	\$ 75.00	\$ 4,500.00	\$ 68.10	\$ 4,086.00
34	Storm Sewer Pipe (30" RCP)	Ln. Ft.	150	\$ 90.00	\$ 13,500.00	\$ 76.15	\$ 11,422.50
35	Traffic Signal	Lump Sum	1	\$ 125,000.00	\$ 125,000.00	\$ 125,600.00	\$ 125,600.00
36	Video Detection System	Lump Sum	1	\$ 20,000.00	\$ 20,000.00	\$ 24,000.00	\$ 24,000.00
37	Emergency Vehicle System	Lump Sum	1	\$ 15,000.00	\$ 15,000.00	\$ 14,000.00	\$ 14,000.00
38	Pavement Marking (Temporary)(White)(6")	Ln. Ft.	363	\$ 6.50	\$ 2,359.50	\$ 2.00	\$ 726.00
39	Pavement Marking (Temporary)(White)(12")	Ln. Ft.	82	\$ 13.00	\$ 1,066.00	\$ 4.00	\$ 328.00
40	Pavement Marking (Temporary)(Yellow)(4")	Ln. Ft.	397	\$ 5.50	\$ 2,183.50	\$ 1.25	\$ 496.25
41	Pavement Marking (Temporary)(White)(24")	Ln. Ft.	127	\$ 20.00	\$ 2,540.00	\$ 8.00	\$ 1,016.00
42	Pavement Marking Symbol (Temporary)(White)(Left Arrow)	Each	2	\$ 275.00	\$ 550.00	\$ 135.00	\$ 270.00
43	Pavement Marking (Patterned Cold Plastic)(White)(6")	Ln. Ft.	238	\$ 6.50	\$ 1,547.00	\$ 6.00	\$ 1,428.00
44	Pavement Marking (Patterned Cold Plastic)(White)(12")	Ln. Ft.	14	\$ 13.00	\$ 182.00	\$ 25.00	\$ 350.00
45	Pavement Marking (Patterned Cold Plastic)(Yellow)(4")	Ln. Ft.	683	\$ 5.50	\$ 3,756.50	\$ 5.00	\$ 3,415.00
46	Pavement Marking (Intersection Grade)(White)(24")	Ln. Ft.	125	\$ 20.00	\$ 2,500.00	\$ 20.00	\$ 2,500.00
47	Pavement Marking Symbol (Intersection Grade)(White)(Left Arrow)	Each	4	\$ 275.00	\$ 1,100.00	\$ 300.00	\$ 1,200.00
48	Pavement Marking Symbol (Intersection Grade)(White)(Right Arrow)	Each	4	\$ 275.00	\$ 1,100.00	\$ 300.00	\$ 1,200.00
49	Pavement Marking Symbol (Intersection Grade)(White)(ONLY)	Each	2	\$ 400.00	\$ 800.00	\$ 500.00	\$ 1,000.00
50	Seeding (Permanent)	Lump Sum	1	\$ 5,000.00	\$ 5,000.00	\$ 2,250.00	\$ 2,250.00
51	Sediment Control Devices (Sediment Fence)	Ln. Ft.	200	\$ 5.00	\$ 1,000.00	\$ 3.00	\$ 600.00
52	Sediment Control Devices (Inlet Protection)	Each	5	\$ 500.00	\$ 2,500.00	\$ 100.00	\$ 500.00
53	Traffic Control	Lump Sum	1	\$ 25,000.00	\$ 25,000.00	\$ 9,900.00	\$ 9,900.00
54	Install 12" Water Line	Ln. Ft.	337	\$ 125.00	\$ 42,125.00	\$ 45.15	\$ 15,215.55
55	Install 12" Gate Valve	Each	3	\$ 6,500.00	\$ 19,500.00	\$ 2,125.00	\$ 6,375.00
56	Install 12" Tee and Block	Each	2	\$ 1,500.00	\$ 3,000.00	\$ 1,570.00	\$ 3,140.00
57	Install 12" Anchor Coupling	Each	1	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00
58	Install 2" Blowoff Assembly	Each	2	\$ 2,000.00	\$ 4,000.00	\$ 625.00	\$ 1,250.00
59	Connect to Existing Waterline	Each	1	\$ 3,500.00	\$ 3,500.00	\$ 1,000.00	\$ 1,000.00

CITY OF LAWRENCE
City Bid No. B1619
Project No. PW1611
19th Street and Ousdahl Road, Intersection Improvements

BID TAB

Bid Date: May 10, 2016
Engineer's Estimate: \$869,202.50

ITEM	DESCRIPTION	UNIT	QUANTITY	Engineering Estimate		R. D. Johnson Excavating Co., Inc	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
60	Install 3/4" Long Service	Each	1	\$ 2,400.00	\$ 2,400.00	\$ 875.00	\$ 875.00
61	Install 1" Long Service	Each	1	\$ 2,600.00	\$ 2,600.00	\$ 825.00	\$ 825.00
62	Install Meter Tile, Setter, and Ring & Cover	Each	1	\$ 2,000.00	\$ 2,000.00	\$ 925.00	\$ 925.00
63	Install Fire Hydrant Assembly with Swivel 90	Each	1	\$ 4,500.00	\$ 4,500.00	\$ 3,700.00	\$ 3,700.00
64	12" Sanitary Sewer Pipe	Ln. Ft.	285	\$ 170.00	\$ 48,450.00	\$ 104.41	\$ 29,756.85
65	Standard Sanitary Manholes	Each	2	\$ 5,000.00	\$ 10,000.00	\$ 3,750.00	\$ 7,500.00
66	Extra Depth Sanitary Manholes	Vert. Ft.	7.4	\$ 100.00	\$ 740.00	\$ 207.00	\$ 1,531.80
GRAND TOTAL					\$ 869,202.50		\$ 685,629.40

Grand Total (Written): Six Hundred Eighty-Five Thousand, Six Hundred Twenty-Nine Dollars and Forty Cents _____

The following portions of the project shall be substantially complete and open to vehicular and pedestrian traffic by August 5, 2016: The north portion of Ousdahl and all of 19th Street (the traffic signal does not need to be in operation by that date). Liquidated damages of five hundred dollars (\$500.00) per day shall be charged for every day thereafter until these streets are open to said traffic. The south portion of Ousdahl shall be Substantially Complete by October 28, 2016. Liquidated damages of five hundred dollars (\$500.00) per day shall be charged for every day thereafter until Substantial Completion is reached and accepted by the Owner.

The date for Final Completion for the entire project shall be November 11, 2016. Liquidated damages of five hundred (\$500.00) per day shall be charged for every day thereafter until the project is complete and accepted by the Owner.

PAGE P-6 AND P-7 MUST BE COMPLETED AND SUBMITTED WITH YOUR BID

CITY OF LAWRENCE
City Bid No. B1619
Project No. PW1611
19th Street and Ousdahl Road, Intersection Improvements

BID TAB

Bid Date: May 10, 2016
Engineer's Estimate: \$869,202.50

ITEM	DESCRIPTION	UNIT	QUANTITY	Crossland Heavy Contractors, Inc.		Kansas Heavy Construction LLC	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Mobilization	Lump Sum	1	\$ 33,500.00	\$ 33,500.00	\$ 50,000.00	\$ 50,000.00
2	Contractor Construction Staking	Lump Sum	1	\$ 9,680.00	\$ 9,680.00	\$ 6,000.00	\$ 6,000.00
3	Demolition and Removal	Lump Sum	1	\$ 60,500.00	\$ 60,500.00	\$ 42,000.00	\$ 42,000.00
4	Clearing and Grubbing	Lump Sum	1	\$ 7,180.00	\$ 7,180.00	\$ 24,000.00	\$ 24,000.00
5	Excavation	Cu. Yd.	1,513	\$ 23.00	\$ 34,799.00	\$ 23.50	\$ 35,555.50
6	Embankment	Cu. Yd.	45	\$ 40.00	\$ 1,800.00	\$ 98.00	\$ 4,410.00
7	Utility Trench & Backfill/Compaction	Cu. Yd.	200	\$ 23.00	\$ 4,600.00	\$ 95.00	\$ 19,000.00
8	Subgrade Stabilization (9" Fly Ash Treatment)	Sq. Yd.	809	\$ 9.50	\$ 7,685.50	\$ 24.85	\$ 20,103.65
9	Subgrade Stabilization (8" KDOT AB-3)	Sq. Yd.	2495	\$ 8.50	\$ 21,207.50	\$ 11.00	\$ 27,445.00
10	Asphalt Pavement (8")	Sq. Yd.	672	\$ 46.50	\$ 31,248.00	\$ 43.00	\$ 28,896.00
11	Concrete Pavement (4")(Plain)(Colored)	Sq. Yd.	83	\$ 99.00	\$ 8,217.00	\$ 100.00	\$ 8,300.00
12	Concrete Pavement (8")(NRDJ)	Sq. Yd.	1407	\$ 59.00	\$ 83,013.00	\$ 62.00	\$ 87,234.00
13	Concrete Pavement (10")(NRDJ)	Sq. Yd.	706	\$ 68.70	\$ 48,502.20	\$ 77.50	\$ 54,715.00
14	Temporary Surfacing (Aggregate)	Ton	265	\$ 15.30	\$ 4,054.50	\$ 25.00	\$ 6,625.00
15	Driveways (6")(Concrete)	Sq. Yd.	85	\$ 46.50	\$ 3,952.50	\$ 55.00	\$ 4,675.00
16	Driveways (6")(Asphalt)	Sq. Yd.	28	\$ 225.00	\$ 6,300.00	\$ 88.50	\$ 2,478.00
17	Sidewalks (4")(Concrete)	Sq. Yd.	284	\$ 38.00	\$ 10,792.00	\$ 37.50	\$ 10,650.00
18	Shared Use Paths (6")(Concrete)(Fiber Reinforced)	Sq. Yd.	75	\$ 45.00	\$ 3,375.00	\$ 51.00	\$ 3,825.00
19	Access Ramps	Each	10	\$ 695.00	\$ 6,950.00	\$ 1,050.00	\$ 10,500.00
20	Curb and Gutter (Type CG-1)	Ln. Ft.	1203	\$ 19.70	\$ 23,699.10	\$ 28.00	\$ 33,684.00
21	Curb and Gutter (Type CG-1, Dry)	Ln. Ft.	87	\$ 21.20	\$ 1,844.40	\$ 28.00	\$ 2,436.00
22	Curb and Gutter (Type CG-1, Monolithic)	Ln. Ft.	32	\$ 21.20	\$ 678.40	\$ 28.00	\$ 896.00
23	Curb and Gutter (Type CG-3)	Ln. Ft.	252	\$ 21.20	\$ 5,342.40	\$ 29.00	\$ 7,308.00
24	Curb and Gutter (Type CG-3, Dry)	Ln. Ft.	20	\$ 21.20	\$ 424.00	\$ 32.00	\$ 640.00
25	Storm Sewer Structure (Curb Inlet)(6x4)	Each	2	\$ 2,730.00	\$ 5,460.00	\$ 4,350.00	\$ 8,700.00
26	Storm Sewer Structure (Curb Inlet)(8x4)	Each	1	\$ 3,395.00	\$ 3,395.00	\$ 5,700.00	\$ 5,700.00
27	Storm Sewer Structure (Curb Inlet)(6x5)	Each	1	\$ 3,100.00	\$ 3,100.00	\$ 4,950.00	\$ 4,950.00
28	Storm Sewer Structure (Junction Boxes)(4x5)	Each	3	\$ 2,635.00	\$ 7,905.00	\$ 4,600.00	\$ 13,800.00
29	Storm Sewer Pipe (15" HDPE)	Ln. Ft.	7	\$ 173.00	\$ 1,211.00	\$ 205.00	\$ 1,435.00
30	Storm Sewer Pipe (18" HDPE)	Ln. Ft.	88	\$ 67.00	\$ 5,896.00	\$ 74.00	\$ 6,512.00
31	Storm Sewer Pipe (15" RCP)	Ln. Ft.	141	\$ 60.00	\$ 8,460.00	\$ 81.00	\$ 11,421.00
32	Storm Sewer Pipe (18" RCP)	Ln. Ft.	33	\$ 69.00	\$ 2,277.00	\$ 86.00	\$ 2,838.00
33	Storm Sewer Pipe (24" RCP)	Ln. Ft.	60	\$ 75.00	\$ 4,500.00	\$ 93.00	\$ 5,580.00
34	Storm Sewer Pipe (30" RCP)	Ln. Ft.	150	\$ 89.00	\$ 13,350.00	\$ 100.00	\$ 15,000.00
35	Traffic Signal	Lump Sum	1	\$ 137,500.00	\$ 137,500.00	\$ 138,160.00	\$ 138,160.00
36	Video Detection System	Lump Sum	1	\$ 26,500.00	\$ 26,500.00	\$ 26,400.00	\$ 26,400.00
37	Emergency Vehicle System	Lump Sum	1	\$ 15,470.00	\$ 15,470.00	\$ 15,400.00	\$ 15,400.00
38	Pavement Marking (Temporary)(White)(6")	Ln. Ft.	363	\$ 2.20	\$ 798.60	\$ 2.20	\$ 798.60
39	Pavement Marking (Temporary)(White)(12")	Ln. Ft.	82	\$ 4.40	\$ 360.80	\$ 4.40	\$ 360.80
40	Pavement Marking (Temporary)(Yellow)(4")	Ln. Ft.	397	\$ 1.40	\$ 555.80	\$ 1.40	\$ 555.80
41	Pavement Marking (Temporary)(White)(24")	Ln. Ft.	127	\$ 8.80	\$ 1,117.60	\$ 8.80	\$ 1,117.60
42	Pavement Marking Symbol (Temporary)(White)(Left Arrow)	Each	2	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00
43	Pavement Marking (Patterned Cold Plastic)(White)(6")	Ln. Ft.	238	\$ 6.70	\$ 1,594.60	\$ 6.75	\$ 1,606.50
44	Pavement Marking (Patterned Cold Plastic)(White)(12")	Ln. Ft.	14	\$ 27.70	\$ 387.80	\$ 28.00	\$ 392.00
45	Pavement Marking (Patterned Cold Plastic)(Yellow)(4")	Ln. Ft.	683	\$ 5.50	\$ 3,756.50	\$ 5.50	\$ 3,756.50
46	Pavement Marking (Intersection Grade)(White)(24")	Ln. Ft.	125	\$ 22.00	\$ 2,750.00	\$ 22.00	\$ 2,750.00
47	Pavement Marking Symbol (Intersection Grade)(White)(Left Arrow)	Each	4	\$ 330.00	\$ 1,320.00	\$ 330.00	\$ 1,320.00
48	Pavement Marking Symbol (Intersection Grade)(White)(Right Arrow)	Each	4	\$ 330.00	\$ 1,320.00	\$ 330.00	\$ 1,320.00
49	Pavement Marking Symbol (Intersection Grade)(White)(ONLY)	Each	2	\$ 550.00	\$ 1,100.00	\$ 550.00	\$ 1,100.00
50	Seeding (Permanent)	Lump Sum	1	\$ 2,765.00	\$ 2,765.00	\$ 5,500.00	\$ 5,500.00
51	Sediment Control Devices (Sediment Fence)	Ln. Ft.	200	\$ 2.20	\$ 440.00	\$ 1.60	\$ 320.00
52	Sediment Control Devices (Inlet Protection)	Each	5	\$ 140.00	\$ 700.00	\$ 90.00	\$ 450.00
53	Traffic Control	Lump Sum	1	\$ 10,497.80	\$ 10,497.80	\$ 10,890.00	\$ 10,890.00
54	Install 12" Water Line	Ln. Ft.	337	\$ 65.00	\$ 21,905.00	\$ 125.00	\$ 42,125.00
55	Install 12" Gate Valve	Each	3	\$ 2,325.00	\$ 6,975.00	\$ 2,900.00	\$ 8,700.00
56	Install 12" Tee and Block	Each	2	\$ 1,115.00	\$ 2,230.00	\$ 1,315.00	\$ 2,630.00
57	Install 12" Anchor Coupling	Each	1	\$ 850.00	\$ 850.00	\$ 800.00	\$ 800.00
58	Install 2" Blowoff Assembly	Each	2	\$ 1,727.00	\$ 3,454.00	\$ 2,300.00	\$ 4,600.00
59	Connect to Existing Waterline	Each	1	\$ 1,285.00	\$ 1,285.00	\$ 2,000.00	\$ 2,000.00

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BID TAB

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ITEM	DESCRIPTION	UNIT	QUANTITY	Crossland Heavy Contractors, Inc.		Kansas Heavy Construction LLC	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
60	Install 3/4" Long Service	Each	1	\$ 1,495.00	\$ 1,495.00	\$ 5,150.00	\$ 5,150.00
61	Install 1" Long Service	Each	1	\$ 1,605.00	\$ 1,605.00	\$ 5,500.00	\$ 5,500.00
62	Install Meter Tile, Setter, and Ring & Cover	Each	1	\$ 1,075.00	\$ 1,075.00	\$ 1,000.00	\$ 1,000.00
63	Install Fire Hydrant Assembly with Swivel 90	Each	1	\$ 4,360.00	\$ 4,360.00	\$ 5,850.00	\$ 5,850.00
64	12" Sanitary Sewer Pipe	Ln. Ft.	285	\$ 147.00	\$ 41,895.00	\$ 125.00	\$ 35,625.00
65	Standard Sanitary Manholes	Each	2	\$ 3,090.00	\$ 6,180.00	\$ 6,200.00	\$ 12,400.00
66	Extra Depth Sanitary Manholes	Vert. Ft.	7.4	\$ 170.00	\$ 1,258.00	\$ 240.00	\$ 1,776.00
GRAND TOTAL					\$ 778,700.00		\$ 907,965.95

Grand Total (Written): Six Hundred Eighty-Five Thousand, Six Hundred Twenty-Nine Dollars and Forty Cents _____

The following portions of the project shall be substantially complete and open to vehicular and pedestrian traffic by August 5, 2016: The north portion of Ousdahl and all of 19th Street (the traffic signal does not need to be in operation by that date). Liquidated damages of five hundred dollars (\$500.00) per day shall be charged for every day thereafter until these streets are open to said traffic. The south portion of Ousdahl shall be Substantially Complete by October 28, 2016. Liquidated damages of five hundred dollars (\$500.00) per day shall be charged for every day thereafter until Substantial Completion is reached and accepted by the Owner.

The date for Final Completion for the entire project shall be November 11, 2016. Liquidated damages of five hundred (\$500.00) per day shall be charged for every day thereafter until the project is complete and accepted by the Owner.

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BID TAB

Bid Date: May 10, 2016
Engineer's Estimate: \$869,202.50

ITEM	DESCRIPTION	UNIT	QUANTITY	Freeman Concrete Construction, LLC		Kissick Construction Company	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Mobilization	Lump Sum	1	\$ 70,000.00	\$ 70,000.00	\$ 40,000.00	\$ 40,000.00
2	Contractor Construction Staking	Lump Sum	1	\$ 10,900.00	\$ 10,900.00	\$ 8,000.00	\$ 8,000.00
3	Demolition and Removal	Lump Sum	1	\$ 50,000.00	\$ 50,000.00	\$ 57,000.00	\$ 57,000.00
4	Clearing and Grubbing	Lump Sum	1	\$ 9,000.00	\$ 9,000.00	\$ 22,000.00	\$ 22,000.00
5	Excavation	Cu. Yd.	1,513	\$ 57.00	\$ 86,241.00	\$ 52.00	\$ 78,676.00
6	Embankment	Cu. Yd.	45	\$ 29.00	\$ 1,305.00	\$ 80.00	\$ 3,600.00
7	Utility Trench & Backfill/Compaction	Cu. Yd.	200	\$ 54.00	\$ 10,800.00	\$ 20.00	\$ 4,000.00
8	Subgrade Stabilization (9" Fly Ash Treatment)	Sq. Yd.	809	\$ 10.00	\$ 8,090.00	\$ 15.00	\$ 12,135.00
9	Subgrade Stabilization (8" KDOT AB-3)	Sq. Yd.	2495	\$ 13.00	\$ 32,435.00	\$ 9.00	\$ 22,455.00
10	Asphalt Pavement (8")	Sq. Yd.	672	\$ 51.00	\$ 34,272.00	\$ 45.00	\$ 30,240.00
11	Concrete Pavement (4")(Plain)(Colored)	Sq. Yd.	83	\$ 75.00	\$ 6,225.00	\$ 77.00	\$ 6,391.00
12	Concrete Pavement (8")(NRDJ)	Sq. Yd.	1407	\$ 64.00	\$ 90,048.00	\$ 98.00	\$ 137,886.00
13	Concrete Pavement (10")(NRDJ)	Sq. Yd.	706	\$ 74.00	\$ 52,244.00	\$ 92.00	\$ 64,952.00
14	Temporary Surfacing (Aggregate)	Ton	265	\$ 33.00	\$ 8,745.00	\$ 30.00	\$ 7,950.00
15	Driveways (6")(Concrete)	Sq. Yd.	85	\$ 60.00	\$ 5,100.00	\$ 100.00	\$ 8,500.00
16	Driveways (6")(Asphalt)	Sq. Yd.	28	\$ 235.00	\$ 6,580.00	\$ 95.00	\$ 2,660.00
17	Sidewalks (4")(Concrete)	Sq. Yd.	284	\$ 45.00	\$ 12,780.00	\$ 57.00	\$ 16,188.00
18	Shared Use Paths (6")(Concrete)(Fiber Reinforced)	Sq. Yd.	75	\$ 62.00	\$ 4,650.00	\$ 104.00	\$ 7,800.00
19	Access Ramps	Each	10	\$ 1,220.00	\$ 12,200.00	\$ 1,500.00	\$ 15,000.00
20	Curb and Gutter (Type CG-1)	Ln. Ft.	1203	\$ 21.50	\$ 25,864.50	\$ 23.00	\$ 27,669.00
21	Curb and Gutter (Type CG-1, Dry)	Ln. Ft.	87	\$ 21.50	\$ 1,870.50	\$ 23.00	\$ 2,001.00
22	Curb and Gutter (Type CG-1, Monolithic)	Ln. Ft.	32	\$ 11.00	\$ 352.00	\$ 25.00	\$ 800.00
23	Curb and Gutter (Type CG-3)	Ln. Ft.	252	\$ 21.50	\$ 5,418.00	\$ 23.00	\$ 5,796.00
24	Curb and Gutter (Type CG-3, Dry)	Ln. Ft.	20	\$ 21.50	\$ 430.00	\$ 23.00	\$ 460.00
25	Storm Sewer Structure (Curb Inlet)(6x4)	Each	2	\$ 3,470.00	\$ 6,940.00	\$ 4,300.00	\$ 8,600.00
26	Storm Sewer Structure (Curb Inlet)(8x4)	Each	1	\$ 4,460.00	\$ 4,460.00	\$ 5,000.00	\$ 5,000.00
27	Storm Sewer Structure (Curb Inlet)(6x5)	Each	1	\$ 4,020.00	\$ 4,020.00	\$ 4,800.00	\$ 4,800.00
28	Storm Sewer Structure (Junction Boxes)(4x5)	Each	3	\$ 3,730.00	\$ 11,190.00	\$ 4,500.00	\$ 13,500.00
29	Storm Sewer Pipe (15" HDPE)	Ln. Ft.	7	\$ 119.00	\$ 833.00	\$ 144.00	\$ 1,008.00
30	Storm Sewer Pipe (18" HDPE)	Ln. Ft.	88	\$ 96.00	\$ 8,448.00	\$ 125.00	\$ 11,000.00
31	Storm Sewer Pipe (15" RCP)	Ln. Ft.	141	\$ 77.00	\$ 10,857.00	\$ 110.00	\$ 15,510.00
32	Storm Sewer Pipe (18" RCP)	Ln. Ft.	33	\$ 125.00	\$ 4,125.00	\$ 153.00	\$ 5,049.00
33	Storm Sewer Pipe (24" RCP)	Ln. Ft.	60	\$ 140.00	\$ 8,400.00	\$ 165.00	\$ 9,900.00
34	Storm Sewer Pipe (30" RCP)	Ln. Ft.	150	\$ 154.00	\$ 23,100.00	\$ 150.00	\$ 22,500.00
35	Traffic Signal	Lump Sum	1	\$ 146,650.00	\$ 146,650.00	\$ 140,000.00	\$ 140,000.00
36	Video Detection System	Lump Sum	1	\$ 28,000.00	\$ 28,000.00	\$ 28,000.00	\$ 28,000.00
37	Emergency Vehicle System	Lump Sum	1	\$ 16,350.00	\$ 16,350.00	\$ 17,000.00	\$ 17,000.00
38	Pavement Marking (Temporary)(White)(6")	Ln. Ft.	363	\$ 2.30	\$ 834.90	\$ 2.20	\$ 798.60
39	Pavement Marking (Temporary)(White)(12")	Ln. Ft.	82	\$ 4.70	\$ 385.40	\$ 4.40	\$ 360.80
40	Pavement Marking (Temporary)(Yellow)(4")	Ln. Ft.	397	\$ 1.50	\$ 595.50	\$ 1.35	\$ 535.95
41	Pavement Marking (Temporary)(White)(24")	Ln. Ft.	127	\$ 9.30	\$ 1,181.10	\$ 8.50	\$ 1,079.50
42	Pavement Marking Symbol (Temporary)(White)(Left Arrow)	Each	2	\$ 158.00	\$ 316.00	\$ 150.00	\$ 300.00
43	Pavement Marking (Patterned Cold Plastic)(White)(6")	Ln. Ft.	238	\$ 7.00	\$ 1,666.00	\$ 6.50	\$ 1,547.00
44	Pavement Marking (Patterned Cold Plastic)(White)(12")	Ln. Ft.	14	\$ 29.00	\$ 406.00	\$ 27.00	\$ 378.00
45	Pavement Marking (Patterned Cold Plastic)(Yellow)(4")	Ln. Ft.	683	\$ 6.00	\$ 4,098.00	\$ 5.50	\$ 3,756.50
46	Pavement Marking (Intersection Grade)(White)(24")	Ln. Ft.	125	\$ 23.00	\$ 2,875.00	\$ 22.00	\$ 2,750.00
47	Pavement Marking Symbol (Intersection Grade)(White)(Left Arrow)	Each	4	\$ 350.00	\$ 1,400.00	\$ 330.00	\$ 1,320.00
48	Pavement Marking Symbol (Intersection Grade)(White)(Right Arrow)	Each	4	\$ 350.00	\$ 1,400.00	\$ 330.00	\$ 1,320.00
49	Pavement Marking Symbol (Intersection Grade)(White)(ONLY)	Each	2	\$ 580.00	\$ 1,160.00	\$ 550.00	\$ 1,100.00
50	Seeding (Permanent)	Lump Sum	1	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00
51	Sediment Control Devices (Sediment Fence)	Ln. Ft.	200	\$ 3.00	\$ 600.00	\$ 6.00	\$ 1,200.00
52	Sediment Control Devices (Inlet Protection)	Each	5	\$ 117.00	\$ 585.00	\$ 175.00	\$ 875.00
53	Traffic Control	Lump Sum	1	\$ 11,560.00	\$ 11,560.00	\$ 11,000.00	\$ 11,000.00
54	Install 12" Water Line	Ln. Ft.	337	\$ 112.00	\$ 37,744.00	\$ 115.00	\$ 38,755.00
55	Install 12" Gate Valve	Each	3	\$ 2,200.00	\$ 6,600.00	\$ 2,300.00	\$ 6,900.00
56	Install 12" Tee and Block	Each	2	\$ 990.00	\$ 1,980.00	\$ 1,650.00	\$ 3,300.00
57	Install 12" Anchor Coupling	Each	1	\$ 688.00	\$ 688.00	\$ 450.00	\$ 450.00
58	Install 2" Blowoff Assembly	Each	2	\$ 575.00	\$ 1,150.00	\$ 2,400.00	\$ 4,800.00
59	Connect to Existing Waterline	Each	1	\$ 1,540.00	\$ 1,540.00	\$ 3,000.00	\$ 3,000.00

CITY OF LAWRENCE
City Bid No. B1619
Project No. PW1611
19th Street and Ousdahl Road, Intersection Improvements

BID TAB

Bid Date: May 10, 2016
Engineer's Estimate: \$869,202.50

ITEM	DESCRIPTION	UNIT	QUANTITY	Freeman Concrete Construction, LLC		Kissick Construction Company	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
60	Install 3/4" Long Service	Each	1	\$ 3,280.00	\$ 3,280.00	\$ 1,500.00	\$ 1,500.00
61	Install 1" Long Service	Each	1	\$ 3,420.00	\$ 3,420.00	\$ 1,800.00	\$ 1,800.00
62	Install Meter Tile, Setter, and Ring & Cover	Each	1	\$ 620.00	\$ 620.00	\$ 3,800.00	\$ 3,800.00
63	Install Fire Hydrant Assembly with Swivel 90	Each	1	\$ 3,630.00	\$ 3,630.00	\$ 5,500.00	\$ 5,500.00
64	12" Sanitary Sewer Pipe	Ln. Ft.	285	\$ 290.00	\$ 82,650.00	\$ 220.00	\$ 62,700.00
65	Standard Sanitary Manholes	Each	2	\$ 3,530.00	\$ 7,060.00	\$ 4,000.00	\$ 8,000.00
66	Extra Depth Sanitary Manholes	Vert. Ft.	7.4	\$ 90.00	\$ 666.00	\$ 95.00	\$ 703.00
GRAND TOTAL					\$ 1,003,513.90		\$ 1,038,055.35

Grand Total (Written): Six Hundred Eighty-Five Thousand, Six Hundred Twenty-Nine Dollars and Forty Cents _____

The following portions of the project shall be substantially complete and open to vehicular and pedestrian traffic by August 5, 2016: The north portion of Ousdahl and all of 19th Street (the traffic signal does not need to be in operation by that date). Liquidated damages of five hundred dollars (\$500.00) per day shall be charged for every day thereafter until these streets are open to said traffic. The south portion of Ousdahl shall be Substantially Complete by October 28, 2016. Liquidated damages of five hundred dollars (\$500.00) per day shall be charged for every day thereafter until Substantial Completion is reached and accepted by the Owner.

The date for Final Completion for the entire project shall be November 11, 2016. Liquidated damages of five hundred (\$500.00) per day shall be charged for every day thereafter until the project is complete and accepted by the Owner.

PAGE P-6 AND P-7 MUST BE COMPLETED AND SUBMITTED WITH YOUR BID