



McKay Water Main Relocation
KDHE KPWSLF Project No. 2985
Engineer's Project No. 2010
for
City of Frontenac, Kansas
Bid Date: July 24, 2025

				Engineers Estimate		Shoemaker & Sons Construction, LLC		Jeff Asbell Excavating & Trucking, Inc.		Goins Interprises, Inc.		Radell Underground											
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price	Bid Unit Price	Bid Price	Bid Unit Price	Bid Price	Bid Unit Price	Bid Price	Bid Unit Price	Bid Price										
1	Mobilization	L.S.	Job	\$	110,000.00	\$	110,000.00	\$	250,000.00	\$	338,365.81	\$	220,000.00	\$	206,850.00	\$	206,850.00						
2	12" DR18 C900 PVC Pipe	L.F.	11,817	\$	125.00	\$	1,477,125.00	\$	170.00	\$	2,008,890.00	\$	113.81	\$	1,344,892.77	\$	147.00	\$	1,737,099.00	\$	136.50	\$	1,613,020.50
3	10" DR18 C900 PVC Pipe	L.F.	32	\$	121.00	\$	3,872.00	\$	200.00	\$	6,400.00	\$	341.13	\$	10,916.16	\$	142.00	\$	4,544.00	\$	171.00	\$	5,472.00
4	8" DR18 C900 PVC Pipe	L.F.	241	\$	108.00	\$	26,028.00	\$	190.00	\$	45,790.00	\$	163.77	\$	39,468.57	\$	144.00	\$	34,704.00	\$	130.50	\$	31,450.50
5	6" DR18 C900 PVC Pipe	L.F.	270	\$	96.00	\$	25,920.00	\$	185.00	\$	49,950.00	\$	118.64	\$	32,032.80	\$	111.00	\$	29,970.00	\$	126.00	\$	34,020.00
6	4" DR18 C900 PVC Pipe	L.F.	345	\$	80.00	\$	27,600.00	\$	175.00	\$	60,375.00	\$	113.56	\$	39,178.20	\$	58.00	\$	20,010.00	\$	67.50	\$	23,287.50
7	2" Cl. 200 PVC Pipe	L.F.	1,229	\$	33.00	\$	40,557.00	\$	50.00	\$	61,450.00	\$	68.94	\$	84,727.26	\$	28.00	\$	34,412.00	\$	34.50	\$	42,400.50
8	1" SDR9 HDPE Service Line	L.F.	3,424	\$	17.00	\$	58,208.00	\$	25.00	\$	85,600.00	\$	57.33	\$	196,297.92	\$	21.00	\$	71,904.00	\$	36.00	\$	123,264.00
9	2" SDR9 HDPE Service Line	L.F.	85	\$	68.00	\$	5,780.00	\$	30.00	\$	2,550.00	\$	532.53	\$	45,265.05	\$	39.00	\$	3,315.00	\$	63.00	\$	5,355.00
10	Bored, Highway Crossing, 24" DR18 Aquaspring C900 Certa-Lok RJIB PVC Casing, 12" DR18 Certa-Lok C900 Carrier Pipe	L.F.	120	\$	425.00	\$	51,000.00	\$	615.00	\$	73,800.00	\$	671.03	\$	80,523.60	\$	949.00	\$	113,880.00	\$	832.50	\$	99,900.00
11	Bored Stream Crossing, 24" DR18 Aquaspring C900 Certa-Lok RJIB PVC Casing, 12" DR18 Certa-Lok C900 Carrier Pipe	L.F.	140	\$	480.00	\$	67,200.00	\$	650.00	\$	91,000.00	\$	1,156.64	\$	161,929.60	\$	977.00	\$	136,780.00	\$	1,135.50	\$	158,970.00
12	Bored Street, Driveway or Sidewalk Crossing, No Casing, 12" DR18 Certa-Lok C900	L.F.	1,038	\$	135.00	\$	140,130.00	\$	240.00	\$	249,120.00	\$	184.27	\$	191,272.26	\$	360.00	\$	373,680.00	\$	153.00	\$	158,814.00
13	Bored Street, Driveway or Sidewalk Crossing, 24" DR18 Aquaspring C900 Certa-Lok RJIB PVC Casing, 12" DR18 Certa-Lok C900 Carrier Pipe	L.F.	53	\$	425.00	\$	22,525.00	\$	640.00	\$	33,920.00	\$	666.40	\$	35,319.20	\$	1,005.00	\$	53,265.00	\$	705.00	\$	37,365.00
14	Bored Street, Driveway or Sidewalk Crossing, 16" DR18 Aquaspring C900 Certa-Lok RJIB PVC Casing, 8" DR18 Certa-Lok C900 Carrier Pipe	L.F.	187	\$	510.00	\$	95,370.00	\$	450.00	\$	84,150.00	\$	392.89	\$	73,470.43	\$	600.00	\$	112,200.00	\$	381.00	\$	71,247.00
15	Bored Street, Driveway or Sidewalk Crossing, 12" DR18 Aquaspring C900 Certa-Lok RJIB PVC Casing, 6" DR18 Certa-Lok C900 Carrier Pipe	L.F.	85	\$	340.00	\$	28,900.00	\$	300.00	\$	25,500.00	\$	280.47	\$	23,839.95	\$	421.00	\$	35,785.00	\$	261.00	\$	22,185.00
16	Bored Street, Driveway or Sidewalk Crossing, 8" DR18 Aquaspring C900 Certa-Lok RJIB PVC Casing, 4" DR18 Certa-Lok C900 Carrier Pipe	L.F.	159	\$	280.00	\$	44,520.00	\$	205.00	\$	32,595.00	\$	180.80	\$	28,747.20	\$	271.00	\$	43,089.00	\$	166.50	\$	26,473.50
17	Bored Street, Driveway or Sidewalk Crossing, No Casing, 2" DR18 Certa-Lok C900 Pipe	L.F.	175	\$	53.00	\$	9,275.00	\$	45.00	\$	7,875.00	\$	68.88	\$	12,054.00	\$	54.00	\$	9,450.00	\$	99.00	\$	17,325.00
18	12" Gate Valve, Valve Box & Lid	Ea.	24	\$	6,000.00	\$	144,000.00	\$	4,800.00	\$	115,200.00	\$	5,222.58	\$	125,341.92	\$	5,860.00	\$	140,640.00	\$	14,440.50	\$	346,572.00
19	10" Gate Valve, Valve Box & Lid	Ea.	1	\$	5,800.00	\$	5,800.00	\$	4,100.00	\$	4,100.00	\$	4,620.35	\$	4,620.35	\$	5,004.00	\$	5,004.00	\$	14,495.00	\$	14,495.00
20	8" Gate Valve, Valve Box & Lid	Ea.	8	\$	5,300.00	\$	42,400.00	\$	3,000.00	\$	24,000.00	\$	3,063.95	\$	24,511.60	\$	3,472.00	\$	27,776.00	\$	11,308.50	\$	90,468.00
21	6" Gate Valve, Valve Box & Lid	Ea.	4	\$	3,800.00	\$	15,200.00	\$	3,500.00	\$	14,000.00	\$	2,368.00	\$	9,472.00	\$	2,745.00	\$	10,980.00	\$	10,083.50	\$	40,334.00
22	4" Gate Valve, Valve Box & Lid	Ea.	5	\$	2,400.00	\$	12,000.00	\$	2,000.00	\$	10,000.00	\$	2,060.22	\$	10,301.10	\$	2,459.00	\$	12,295.00	\$	7,484.00	\$	37,420.00
23	2" Gate Valve, Valve Box & Lid	Ea.	7	\$	2,100.00	\$	14,700.00	\$	1,500.00	\$	10,500.00	\$	1,639.19	\$	11,474.33	\$	1,421.00	\$	9,947.00	\$	6,447.00	\$	45,129.00
24	Fire Hydrant, 6" Valve, Valve Box & Lid	Ea.	25	\$	11,000.00	\$	275,000.00	\$	9,500.00	\$	237,500.00	\$	10,366.35	\$	259,158.75	\$	9,892.00	\$	247,300.00	\$	16,628.00	\$	415,700.00
25	5/8" x 3/4" Water Meter, Box, Lid & Setter, Service line Conn. To Main & Exist. Service Lines	Ea.	92	\$	3,200.00	\$	294,400.00	\$	2,300.00	\$	211,600.00	\$	6,185.01	\$	569,020.92	\$	3,574.00	\$	328,808.00	\$	19,698.00	\$	1,812,216.00
26	1" Water Meter, Box, Lid & Setter, Service line Conn. To Main & Exist. Service Lines	Ea.	2	\$	4,800.00	\$	9,600.00	\$	2,500.00	\$	5,000.00	\$	2,066.74	\$	4,133.48	\$	3,985.00	\$	7,970.00	\$	15,427.50	\$	30,855.00
27	2" Water Meter, Box, Lid & Setter, Service line Conn. To Main & Exist. Service Lines	Ea.	1	\$	6,800.00	\$	6,800.00	\$	6,000.00	\$	6,000.00	\$	6,495.65	\$	6,495.65	\$	3,795.00	\$	3,795.00	\$	20,418.00	\$	20,418.00
28	Water Line - Sewer Line Crossing	Ea.	27	\$	1,800.00	\$	48,600.00	\$	3,500.00	\$	94,500.00	\$	3,981.13	\$	107,490.51	\$	2,810.00	\$	75,870.00	\$	4,478.00	\$	120,906.00
29	Water Service Line - Sewer Line Crossing	Ea.	58	\$	1,500.00	\$	87,000.00	\$	3,300.00	\$	191,400.00	\$	3,172.06	\$	183,979.48	\$	2,720.00	\$	157,760.00	\$	660.00	\$	38,280.00
30	Connection to Existing Main	Ea.	25	\$	2,700.00	\$	67,500.00	\$	6,500.00	\$	162,500.00	\$	1,063.37	\$	26,584.25	\$	5,712.00	\$	142,800.00	\$	10,040.00	\$	251,000.00
31	Fire/Flush Hydrant Removal	Ea.	24	\$	1,500.00	\$	36,000.00	\$	750.00	\$	18,000.00	\$	1,970.95	\$	47,302.80	\$	2,791.00	\$	66,984.00	\$	8,788.00	\$	210,912.00
32	Remove Surface & Replace w/ Concrete Surfacing	S.F.	3,165	\$	30.00	\$	94,950.00	\$	31.00	\$	98,115.00	\$	35.46	\$	112,230.90	\$	45.00	\$	142,425.00	\$	36.00	\$	113,940.00
33	Remove Surface & Replace w/ Crushed Rock Surfacing	Tons	79	\$	90.00	\$	7,110.00	\$	40.00	\$	3,160.00	\$	79.01	\$	6,241.79	\$	55.00	\$	4,345.00	\$	50.00	\$	3,950.00
34	Remove Surface & Replace w/ Asphalt Surfacing	S.Y.	403	\$	225.00	\$	90,675.00	\$	145.00	\$	58,435.00	\$	401.36	\$	161,748.08	\$	206.00	\$	83,018.00	\$	42.00	\$	16,926.00
35	Traffic Control	L.S.	Job	\$	25,000.00	\$	25,000.00	\$	30,000.00	\$	30,000.00	\$	14,335.54	\$	14,335.54	\$	50,000.00	\$	50,000.00	\$	25,848.00	\$	25,848.00
36	Silt Fence, Slope Barrier (SWPPP)	L.F.	400	\$	6.00	\$	2,400.00	\$	25.00	\$	10,000.00	\$	12.73	\$	5,092.00	\$	8.00	\$	3,200.00	\$	18.00	\$	7,200.00
37	Straw or Hay Bale Ditch Check (SWPPP)	L.F.	200	\$	30.00	\$	6,000.00	\$	30.00	\$	6,000.00	\$	27.07	\$	5,414.00	\$	20.00	\$	4,000.00	\$	30.00	\$	6,000.00
38	Seeding & Fertilizing	AC.	4	\$	7,500.00	\$	30,000.00	\$	12,500.00	\$	50,000.00	\$	38,865.69	\$	155,462.76	\$	21,780.00	\$	87,120.00	\$	4,500.00	\$	18,000.00
TOTAL BASE BID PRICE				\$	3,549,145.00			\$	4,528,975.00			\$	4,588,712.99			\$	4,646,124.00			\$	6,343,968.50		
ALTERNATIVE BID ITEM NO. 1																							
39	Alternate No. 1 - Automatic Meter Reading, Additive Bid - 5/8" x 3/4" Meter	Ea.	92	\$	2,600.00	\$	239,200.00	\$	1,465.00	\$	134,780.00	\$	1,061.26	\$	97,635.92	\$	1,100.00	\$	101,200.00	\$	16,564.50	\$	1,523,934.00
40	Alternate No. 1 - Automatic Meter Reading, Additive Bid - 1" Meter	Ea.	2	\$	5,000.00	\$	10,000.00	\$	3,220.00	\$	6,440.00	\$	1,119.21	\$	2,238.42	\$	1,352.00	\$	2,704.00	\$	16,737.00	\$	33,474.00
41	Alternate No. 1 - Automatic Meter Reading, Additive Bid - 2" Meter	Ea.	1	\$	7,200.00	\$	7,200.00	\$	2,825.00	\$	2,825.00	\$	1,976.95	\$	1,976.95	\$	2,233.00	\$	2,233.00	\$	23,947.00	\$	23,947.00
TOTAL BASE BID + ALTERNATIVE BID ITEM NO. 1				\$	3,805,545.00			\$	4,673,020.00			\$	4,690,564.28			\$	4,752,261.00			\$	7,925,323.50		
Red text indicates discrepancies between the Contractor's Bid Price and the calculation correction based on the Unit Price.																							