

AFFIDAVIT OF ESTIMATE OF COST

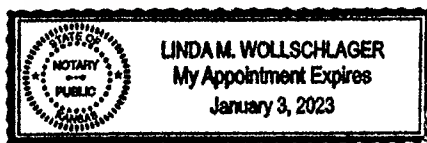
STATE OF KANSAS)
) ss.
COUNTY OF JOHNSON)

Beth Wright, P.E., of lawful age, being first duly sworn upon her oath,
states:

1. I am the City Engineer for the City of Olathe, Kansas.
2. The attached detailed estimate of the cost for the Old 56 Highway Watermain Improvements Project, PN 5-C-016-18, is attached and I am providing the estimate of the cost under oath (Exhibit A).

Beth Wright
Beth Wright, Deputy Director

Subscribed in my presence and sworn under oath before me this 4th
day of October, 2019.



Linda M Wollschlager
Notary Public

My Appointment Expires

January 3, 2023

OLD 56 HIGHWAY TRANSMISSION

P.N. 5-C-016-18

CITY OF OLATHE, KANSAS

OPINION OF PROBABLE COST

LAMP RYNARSON



	ITEM	UNITS	APPROX. QUANTITY	COST	AMOUNT DOLLARS
	P.N. 5-C-016-18 Base Bid				
1	Mobilization	LS	1	\$ 88,000	\$ 88,000
2	Traffic Control	LS	1	\$ 11,000	\$ 11,000
3	Clearing and Grubbing	LS	1	\$ 11,000	\$ 11,000
4	Grading	LS	1	\$ 5,500	\$ 5,500
5	Seeding	LS	1	\$ 13,750	\$ 13,750
6	Install 18" HDPE or 16" DIP Waterline	LF	12,680	\$ 148.50	\$ 1,882,980.00
7	Install 18" HDPE or 16" DIP Waterline via Directional Bore	LF	900	\$ 385	\$ 346,500
8	Install 30" C905 Steel Casing via Bore w/ 18" HDPE or 16" DIP Waterline	LF	225	\$ 550	\$ 123,750
9	Install 12" Waterline	LF	596	\$ 110	\$ 65,560
10	Install 8" Waterline	LF	163	\$ 93.50	\$ 15,240.50
11	Install 8" Waterline via Directional Bore	LF	67	\$ 165	\$ 11,055
12	Install Tracer Wire	LF	14,631	\$ 1.10	\$ 16,094.10
13	Butterfly Valve with box	EA	11	\$ 5,500	\$ 60,500
14	12" Gate Valve with box	EA	1	\$ 3,300	\$ 3,300
15	Install Fire Hydrant Assembly	LS	14	\$ 5,500	\$ 77,000
16	Connect to existing waterlines (10A)	LS	1	\$ 10,560	\$ 10,560
17	Connect to existing waterlines (24A)	LS	1	\$ 10,560	\$ 10,560
18	Connect to existing waterlines (25A)	LS	1	\$ 5,720	\$ 5,720
19	Connect to existing waterlines (29A)	LS	1	\$ 25,740	\$ 25,740
20	Connect to existing waterlines (29B)	LS	1	\$ 8,580	\$ 8,580
21	Connect to existing waterlines (30A)	LS	1	\$ 8,800	\$ 8,800
22	Connect to existing waterlines (30B)	LS	1	\$ 16,500	\$ 16,500
23	Connect to existing waterlines (30C)	LS	1	\$ 22,000	\$ 22,000
24	Connect to existing waterlines (30D)	LS	1	\$ 15,400	\$ 15,400
25	Connect to existing waterlines (30E)	LS	1	\$ 9,350	\$ 9,350
26	Connect to existing waterlines (30F)	LS	1	\$ 4,400	\$ 4,400
27	2" Service Reconnection	LS	1	\$ 3,410	\$ 3,410
28	Service Reconnection	LS	2	\$ 1,100	\$ 2,200
29	Install Straddle Block	LS	2	\$ 1,210	\$ 2,420
30	Remove Existing Fire Hydrant Assembly	LS	5	\$ 2,200	\$ 11,000
31	Remove Existing Valve from Service	LS	8	\$ 1,650	\$ 13,200
32	Remove Existing Air Release Valve from Service	LS	2	\$ 3,300	\$ 6,600
33	Temporary Service Line and service connections	LS	1	\$ 16,500	\$ 16,500
34	Remove and Replace Concrete Driveway	SY	10.5	\$ 110	\$ 1,155
35	Remove and Replace Concrete Sidewalk	SF	733	\$ 9.90	\$ 7,256.70
36	Remove and Replace Asphalt	SY	80	\$ 93.50	\$ 7,480
37	Remove and Replace Gravel Driveway	SY	78	\$ 22	\$ 1,716
38	Remove and Replace Concrete Curb and Gutter	LF	8	\$ 38.50	\$ 308.00
	Base Bid				\$2,942,085

	P.N. 5-C-016-18 Alternate #1				
39	Install 2" HDPE SDR 9 Fiber Conduit in Waterline Trench	LF	11,150	\$ 11	\$ 122,650
40	Install 2" HDPE SDR 9 Fiber Conduit via Directional Bore	LF	940	\$ 55	\$ 51,700
41	Install 2" HDPE SDR 9 Fiber Conduit (Open Trench)	LF	325	\$ 11	\$ 3,575
42	Install Tracer Wire	LF	12,415	\$ 1.10	\$ 13,656.50
43	Install Type 3 Junction Box	EA	27	\$ 1,100	\$ 29,700
	Alternate No. 1 Bid				\$ 221,282
	P.N. 5-C-016-18 Alternate #2				
44	Install 2" HDPE SDR 9 Fiber Conduit via Directional Bore	LF	12,350	\$ 55	\$ 679,250
45	Install Tracer Wire	LF	12,350	\$ 1.10	\$ 13,585.00
46	Install Type 3 Junction Box	EA	27	\$ 1,100	\$ 29,700
	Alternate No. 2 Bid				\$ 722,535

Totals Base Bid plus Alternate No. 1

\$3,163,367

Totals Base Bid plus Alternate No. 2

\$3,664,620