

January 31, 2018

Ms. Leah Morris, P.E.
Lawrence Utilities Department
P.O. Box 708
Lawrence, Kansas 66044-0708

RE: Recommendation for Award
Waterline Relocation Program
Arkansas Street, W 24th Street to W 27th Street
W 24th Street, Missouri Street to Alabama Street
City Project No. UT 1715 PEC Project No. 15A15-006-3975

Dear Leah:

I have attached the January 30, 2018, bid tabulation of the seven bids received for the above-referenced project for your records. All bids were checked for accuracy, completeness and other applicable requirements and corrected accordingly. A minor math error was noted in the Banks bid, but it did not impact the bid order. The bids received were as follows:

Westland Construction, Inc	\$650,474.00
Banks Construction LLC	\$666,180.00
M CON, LLC	\$800,170.16
Orr Wyatt Streetscapes	\$826,964.05
Hettinger Excavating, LLC	\$851,436.60
Nowak Construction Co., Inc.	\$896,182.00
Schuetz Construction, LLC	\$942,781.00
Engineer's Estimate	\$850,405.00

Westland Construction, Inc. has successfully completed several other recent projects for the City. Their bid documents for this project appear to be in order.

Based on the above information, PEC recommends that the City of Lawrence award the construction contract for the Arkansas Street, W 24th Street to W 27th Street; W 24th Street, Missouri Street to Alabama Street Waterline Replacement to Westland Construction, Inc of Basehor, Kansas in the amount of their bid of \$650,474.00.

Very truly yours,
Professional Engineering Consultants, P. A.



Alex M. Darby, P.E.
enclosures

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Professional Engineering Consultants, P.A. 1263 S.W. Topeka Blvd. Topeka, Kansas 66611-1852 Phone (785) 233-8300				CITY OF LAWRENCE ARKANSAS STREET WATERLINE REPLACEMENT CITY PROJECT No. UT1715 PEC PROJECT No. 15A15-006 Bid Opening - 2pm January 30th, 2018				TABULATION OF CONTRACTOR'S BIDS															
								CONTRACTOR NAME															
ENGINEER'S ESTIMATE OF TOTAL PROBABLE PROJECT COSTS								Westland Construction, Inc		Banks Construction LLC.		M. CON		Orr Wyatt Streetscapes		Hettinger Excavating, LLC		Nowak Construction Company, Inc		Schuetz Construction LLC			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ENGINEER'S ESTIMATE		CONTRACTOR #1		CONTRACTOR #2		CONTRACTOR #3		CONTRACTOR #4		CONTRACTOR #5		CONTRACTOR #6		CONTRACTOR #7					
				UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST				
1	Install 2-inch Waterline	255	LF	\$	60.00	\$15,300.00	20.00	5,100.00	35.00	8,925.00	40.00	10,200.00	23.65	6,030.75	70.00	17,850.00	38.00	17,340.00	50.00	12,750.00			
2	Install 6-inch Waterline	83	LF	\$	90.00	\$7,470.00	100.00	8,300.00	100.00	8,300.00	50.00	4,150.00	38.75	3,212.10	45.00	3,735.00	120.00	9,960.00	100.00	8,300.00			
3	Install 8-inch Waterline	3,336	LF	\$	100.00	\$333,600.00	88.00	293,548.00	80.00	266,880.00	94.06	113,784.16	96.20	320,923.20	123.60	412,329.60	140.00	467,040.00	135.00	450,360.00			
4	Install 8-inch Gate Valve & Box	10	EA	\$	1,800.00	\$18,000.00	1,250.00	12,500.00	1,750.00	17,500.00	1,460.00	14,600.00	1,450.00	14,500.00	1,375.00	13,750.00	1,930.00	19,000.00	1,400.00	14,000.00			
5	Install 8" x 8" Tapping Sleeve & 8" Tapping Valve	1	EA	\$	6,500.00	\$6,500.00	4,200.00	4,200.00	5,000.00	5,000.00	6,800.00	6,800.00	3,120.00	3,120.00	4,350.00	4,350.00	4,230.00	4,200.00	4,000.00	4,000.00			
6	Install 6-inch DI MI Bend & Block	5	EA	\$	500.00	\$2,500.00	450.00	2,250.00	350.00	1,750.00	760.00	3,800.00	625.00	3,125.00	850.00	4,250.00	230.00	1,150.00	375.00	1,875.00			
7	Install 8-inch DI MI Bend & Block	16	EA	\$	650.00	\$10,400.00	500.00	8,000.00	450.00	7,200.00	920.00	14,720.00	635.00	10,160.00	925.00	14,800.00	290.00	4,640.00	450.00	7,200.00			
8	Install 6-inch Cap or Plug & Block	9	EA	\$	720.00	\$6,480.00	1,000.00	7,200.00	400.00	2,800.00	375.00	3,375.00	479.00	2,492.00	350.00	2,550.00	230.00	1,670.00	225.00	1,575.00			
9	Install 8-inch Cap or Plug & Block	7	EA	\$	1,000.00	\$7,000.00	1,000.00	7,000.00	425.00	2,975.00	590.00	4,130.00	485.00	3,395.00	350.00	2,450.00	310.00	2,170.00	825.00	5,775.00			
10	Install 8" x 6" Reducer	3	EA	\$	900.00	\$2,700.00	300.00	900.00	250.00	750.00	800.00	2,400.00	525.00	1,575.00	550.00	1,650.00	290.00	870.00	450.00	1,350.00			
11	Install 8" X 6" Tee & Block	7	EA	\$	900.00	\$6,300.00	600.00	4,200.00	700.00	4,900.00	1,230.00	8,610.00	775.00	5,425.00	775.00	5,425.00	440.00	3,080.00	600.00	4,200.00			
12	Install 8" X 8" Tee & Block	4	EA	\$	950.00	\$3,800.00	625.00	2,500.00	750.00	3,000.00	1,410.00	5,640.00	775.00	3,100.00	850.00	3,400.00	490.00	1,720.00	625.00	2,500.00			
13	Install 6-inch Anchor Coupling	1	EA	\$	450.00	\$450.00	260.00	260.00	225.00	225.00	440.00	440.00	645.00	645.00	550.00	550.00	180.00	180.00	300.00	300.00			
14	Install 8-inch Anchor Coupling	15	EA	\$	475.00	\$7,125.00	260.00	3,900.00	725.00	3,375.00	480.00	7,200.00	635.00	9,525.00	600.00	9,000.00	180.00	2,700.00	300.00	4,500.00			
15	Install 2-inch Tapping Saddle with 2" Corp. Stop	1	EA	\$	600.00	\$600.00	1,000.00	1,000.00	750.00	750.00	1,150.00	1,150.00	600.00	775.00	775.00	680.00	680.00	1,750.00	1,750.00				
16	Install 2-inch Blowoff Assembly	1	EA	\$	1,500.00	\$1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,850.00	1,850.00	1,550.00	1,550.00	1,900.00	1,900.00	1,450.00	1,450.00	1,450.00	1,450.00			
17	Install Fire Hydrant Assembly	8	EA	\$	4,500.00	\$36,000.00	3,400.00	27,200.00	4,000.00	32,000.00	3,600.00	28,800.00	3,975.00	31,800.00	4,900.00	39,200.00	3,850.00	30,800.00	4,500.00	36,000.00			
18	Install New Meter Setter	95	EA	\$	375.00	\$35,625.00	250.00	23,750.00	260.00	24,700.00	400.00	38,000.00	345.00	32,775.00	375.00	35,625.00	350.00	33,250.00	625.00	59,375.00			
19	Install New 18" Meter Tile	59	EA	\$	200.00	\$11,800.00	100.00	5,900.00	150.00	8,850.00	540.00	31,860.00	260.00	15,340.00	675.00	39,825.00	150.00	8,850.00	175.00	10,325.00			
20	Install New 20" Meter Tile	19	EA	\$	250.00	\$4,750.00	160.00	3,040.00	150.00	2,850.00	600.00	11,400.00	275.00	5,225.00	800.00	15,200.00	200.00	3,800.00	250.00	4,750.00			
21	Install New 18" Meter Ring/Cover	59	EA	\$	225.00	\$13,275.00	150.00	8,850.00	100.00	5,900.00	320.00	18,880.00	180.00	10,620.00	105.00	6,195.00	200.00	11,800.00	200.00	11,800.00			
22	Install New 20" Meter Ring/Cover	19	EA	\$	275.00	\$5,225.00	165.00	3,135.00	150.00	2,850.00	340.00	4,460.00	200.00	8,800.00	110.00	2,090.00	200.00	3,800.00	225.00	3,225.00			
23	Install 2" Manifold Assembly	6	EA	\$	2,500.00	\$15,000.00	2,400.00	14,400.00	2,600.00	15,600.00	1,840.00	11,040.00	1,945.00	11,670.00	2,100.00	12,600.00	1,550.00	9,300.00	2,500.00	15,000.00			
24	Install 3/4" Short Service	56	EA	\$	975.00	\$54,600.00	300.00	28,000.00	1,000.00	56,000.00	650.00	36,400.00	820.00	45,920.00	475.00	26,600.00	580.00	32,480.00	920.00	51,520.00			
25	Install 3/4" Long Service	37	EA	\$	1,750.00	\$64,750.00	1,000.00	37,000.00	1,550.00	57,350.00	1,375.00	50,775.00	1,470.00	54,390.00	1,250.00	46,750.00	1,300.00	48,100.00	2,000.00	7,000.00			
26	Install 1" Short Service	2	EA	\$	1,500.00	\$3,000.00	550.00	1,100.00	1,000.00	2,000.00	910.00	1,820.00	860.00	1,720.00	600.00	1,200.00	650.00	1,300.00	975.00	1,950.00			
27	Encase Existing Sanitary Sewer	82	LF	\$	200.00	\$16,400.00	150.00	12,300.00	225.00	18,450.00	60.00	4,920.00	215.00	17,630.00	40.00	3,280.00	160.00	15,120.00	120.00	9,840.00			
28	Concrete Sidewalk Removal and Replacement	143	SF	\$	25.00	\$3,575.00	7.00	1,701.00	10.00	2,430.00	11.00	2,673.00	12.50	3,134.25	9.00	2,187.00	10.00	2,430.00	12.00	2,916.00			
29	Concrete Driveway Removal and Replacement	154	SF	\$	25.00	\$3,850.00	65.00	10,010.00	100.00	15,400.00	65.00	10,010.00	129.00	19,866.00	50.00	7,700.00	97.00	14,938.00	105.00	16,170.00			
30	Pavement Removal and Replacement	429	SF	\$	130.00	\$55,770.00	110.00	47,190.00	100.00	42,900.00	170.00	72,930.00	307.50	131,917.50	90.00	38,610.00	150.00	64,350.00	130.00	55,770.00			
31	Concrete Curb & Gutter Removal and Replacement	416	LF	\$	65.00	\$27,040.00	45.00	18,720.00	45.00	18,720.00	38.00	15,808.00	36.53	15,204.80	35.00	14,560.00	69.00	28,704.00	55.00	22,880.00			
32	Connect to Existing Waterline	6	EA	\$	4,000.00	\$24,000.00	2,500.00	15,000.00	2,000.00	12,000.00	3,180.00	19,080.00	2,355.00	14,130.00	2,350.00	21,000.00	2,350.00	14,100.00	2,450.00	16,700.00			
33	Seed, Fertilize, and Mulch	1	LS	\$	8,000.00	\$8,000.00	10,000.00	5,000.00	5,000.00	3,150.00	3,150.00	3,225.00	15,000.00	15,000.00	13,600.00	13,600.00	5,000.00	5,000.00	5,000.00	5,000.00			
34	Provide Stormwater Pollution Control	1	LS	\$	4,000.00	\$4,000.00	6,000.00	6,000.00	1,000.00	1,000.00	3,240.00	3,240.00	4,300.00	4,300.00	1,500.00	1,500.00	9,900.00	9,900.00	5,500.00	5,500.00			
35	Construction Staking	1	LS	\$	7,000.00	\$7,000.00	5,000.00	5,000.00	3,250.00	3,250.00	5,600.00	5,600.00	8,900.00	8,900.00	3,750.00	3,750.00	5,750.00	5,750.00	3,900.00	3,900.00			
36	Traffic Control	1	LS	\$	25,000.00	\$25,000.00	11,000.00	11,000.00	3,500.00	3,500.00	14,900.00	14,900.00	5,590.00	5,590.00	10,000.00	10,000.00	10,150.00	10,150.00	10,500.00	10,500.00			
ESTIMATE OF TOTAL PROBABLE PROJECT COSTS				\$850,405.00		\$650,474.00		\$666,180.00		\$800,176.16		\$826,964.05		\$851,436.60		\$896,182.00		\$942,781.00					