

March 21, 2017

Mr. Troy Shaw, P.E.  
Lawrence Utilities Department  
P.O. Box 708  
Lawrence, Kansas 66044-0708

RE: Recommendation for Award  
Waterline Relocation Project  
23<sup>rd</sup> Street, Ousdahl Road to Alabama Street  
City Project No. UT 1504 PEC Project No. 12A04-009-3975

Dear Troy:

I have attached the March 21, 2017, bid tabulation of the five bids received for the above-referenced project for your records. All bids were checked for accuracy, completeness and other applicable requirements and corrected accordingly. The bids received were as follows:

M CON, LLC	\$432,214.00
Banks Construction LLC	\$437,030.00
Westland Construction, Inc.	\$516,840.00
Nowak Construction Co., Inc.	\$560,398.00
Schuetz Construction, LLC	\$615,100.00
Engineer's Estimate	\$590,805.00

M CON, LLC was recently awarded the Harper Street Waterline and has performed well for the City. The Harper Street project boring work should be nearing completion around the time this project is ready to start, significant scheduling issues are not expected. 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 23<sup>rd</sup> Street, Ousdahl Road to Alabama Street Waterline Replacement to M CON, LLC of Wathena, Kansas in the amount of their bid of \$432,214.00.

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



Alex M. Darby, P.E.  
enclosures

<div>Professional Engineering</div> <div>Consultants, P.A.</div> <div>1263 S.W. Topeka Blvd.</div> <div>Topeka, Kansas 66612-1852</div> <div>Phone (785) 233-8300</div>				<div>CITY OF LAWRENCE</div> <div>23RD ST. WATERLINE REPLACEMENT - SEGMENT 2</div> <div>CITY PROJECT No. UT1504</div> <div>PEC PROJECT No. 12A04-009-3975</div> <div>Bid Opening: March 21, 2017</div>				TABULATION OF CONTRACTOR'S BIDS											
								CONTRACTOR NAME											
ENGINEER'S ESTIMATE OF TOTAL PROBABLE PROJECT COSTS								M CON, LLC		Banks Construction, LLC		Westland Construction, Inc.		Nowak Construction Company, Inc.		Schuetz Const LLC			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ENGINEER'S ESTIMATE		CONTRACTOR #1		CONTRACTOR #2		CONTRACTOR #3		CONTRACTOR #4		CONTRACTOR #5					
				UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST				
1	Install 4-Inch Waterline	18	LF	\$100.00	\$1,800.00	\$40.00	\$720.00	\$100.00	\$1,800.00	\$100.00	\$1,800.00	\$60.00	\$1,080.00	\$100.00	\$1,800.00				
2	Install 8-Inch Waterline	2688	LF	\$115.00	\$309,120.00	\$54.00	\$145,152.00	\$85.00	\$228,480.00	\$105.00	\$282,240.00	\$114.00	\$306,432.00	\$125.00	\$336,000.00				
3	Install 8-Inch Gate Valve	15	EA	\$1,750.00	\$26,250.00	\$1,775.00	\$26,625.00	\$1,400.00	\$21,000.00	\$1,200.00	\$18,000.00	\$1,700.00	\$25,500.00	\$1,500.00	\$22,500.00				
4	Install 8" x 8" Tapping Sleeve & 8" Tapping Valve	2	EA	\$4,000.00	\$8,000.00	\$5,750.00	\$11,500.00	\$4,000.00	\$8,000.00	\$4,000.00	\$8,000.00	\$4,375.00	\$8,750.00	\$3,650.00	\$7,300.00				
5	Install 4-Inch Bend	2	EA	\$500.00	\$1,000.00	\$700.00	\$1,400.00	\$400.00	\$800.00	\$325.00	\$650.00	\$352.00	\$704.00	\$600.00	\$1,200.00				
6	Install 8-Inch Bend	8	EA	\$650.00	\$5,200.00	\$925.00	\$7,400.00	\$500.00	\$4,000.00	\$375.00	\$3,000.00	\$473.00	\$3,784.00	\$800.00	\$6,400.00				
7	Install 8-Inch Vertical Bend	4	EA	\$750.00	\$3,000.00	\$6,200.00	\$24,800.00	\$2,000.00	\$8,000.00	\$600.00	\$2,400.00	\$473.00	\$1,892.00	\$950.00	\$3,800.00				
8	Install 4-Inch Cap or Plug & Block	1	EA	\$500.00	\$500.00	\$600.00	\$600.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$330.00	\$330.00	\$500.00	\$500.00				
9	Install 6-Inch Cap or Plug & Block	2	EA	\$750.00	\$1,500.00	\$700.00	\$1,400.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$166.00	\$332.00	\$600.00	\$1,200.00				
10	Install 8-Inch Cap or Plug & Block	9	EA	\$850.00	\$7,650.00	\$750.00	\$6,750.00	\$500.00	\$4,500.00	\$1,000.00	\$9,000.00	\$197.00	\$1,773.00	\$600.00	\$5,400.00				
11	Install 8" x 4" Reducer	1	EA	\$600.00	\$600.00	\$775.00	\$775.00	\$300.00	\$300.00	\$320.00	\$320.00	\$214.00	\$214.00	\$500.00	\$500.00				
12	Install 8" x 6" Reducer	1	EA	\$700.00	\$700.00	\$800.00	\$800.00	\$300.00	\$300.00	\$300.00	\$300.00	\$261.00	\$261.00	\$550.00	\$550.00				
13	Install 8" x 6" Tee	6	EA	\$700.00	\$4,200.00	\$1,300.00	\$7,800.00	\$600.00	\$3,600.00	\$600.00	\$3,600.00	\$433.00	\$2,598.00	\$650.00	\$3,900.00				
14	Install 8" x 8" Tee	7	EA	\$900.00	\$6,300.00	\$1,325.00	\$9,275.00	\$800.00	\$5,600.00	\$600.00	\$4,200.00	\$491.00	\$3,437.00	\$675.00	\$4,725.00				
15	Install 8-Inch Anchor Coupling	18	EA	\$425.00	\$7,650.00	\$550.00	\$9,900.00	\$300.00	\$5,400.00	\$245.00	\$4,410.00	\$126.00	\$2,268.00	\$450.00	\$8,100.00				
16	Install 8-Inch DI MJ Sleeve	2	EA	\$500.00	\$1,000.00	\$650.00	\$1,300.00	\$400.00	\$800.00	\$300.00	\$600.00	\$462.00	\$924.00	\$650.00	\$1,300.00				
17	Install Fire Hydrant Assembly	7	EA	\$4,500.00	\$31,500.00	\$3,500.00	\$24,500.00	\$3,750.00	\$26,250.00	\$4,500.00	\$31,500.00	\$4,170.00	\$29,190.00	\$4,500.00	\$31,500.00				
18	12" Steel Casing Pipe by Boring	20	LF	\$250.00	\$5,000.00	\$400.00	\$8,000.00	\$250.00	\$5,000.00	\$400.00	\$8,000.00	\$223.00	\$4,460.00	\$298.00	\$5,960.00				
19	Install New Meter Setter	15	EA	\$350.00	\$5,250.00	\$550.00	\$8,250.00	\$600.00	\$9,000.00	\$650.00	\$9,750.00	\$540.00	\$8,100.00	\$370.00	\$5,550.00				
20	Install New Meter Tile	15	EA	\$200.00	\$3,000.00	\$625.00	\$9,375.00	\$250.00	\$3,750.00	\$130.00	\$1,950.00	\$254.00	\$3,810.00	\$225.00	\$3,375.00				
21	Install New Meter Ring/Cover	17	EA	\$200.00	\$3,400.00	\$400.00	\$6,800.00	\$250.00	\$4,250.00	\$320.00	\$5,440.00	\$130.00	\$2,210.00	\$150.00	\$2,550.00				
22	Install 3/4" Short Service	8	EA	\$975.00	\$7,800.00	\$675.00	\$5,400.00	\$600.00	\$4,800.00	\$900.00	\$7,200.00	\$1,180.00	\$9,440.00	\$1,450.00	\$11,600.00				
23	Install 1" Short Service	5	EA	\$1,025.00	\$5,125.00	\$750.00	\$3,750.00	\$600.00	\$3,000.00	\$900.00	\$4,500.00	\$1,190.00	\$5,950.00	\$1,600.00	\$8,000.00				
24	Install 1.5" Short Service	2	EA	\$1,250.00	\$2,500.00	\$875.00	\$1,750.00	\$650.00	\$1,300.00	\$2,500.00	\$5,000.00	\$1,855.00	\$3,710.00	\$1,750.00	\$3,500.00				
25	Install 2" Short Service	1	EA	\$2,500.00	\$2,500.00	\$950.00	\$950.00	\$750.00	\$750.00	\$3,000.00	\$3,000.00	\$2,490.00	\$2,490.00	\$2,000.00	\$2,000.00				
26	Install 2" Long Service	1	EA	\$2,750.00	\$2,750.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$2,570.00	\$2,570.00	\$3,500.00	\$3,500.00				
27	Install 4" Meter Vault	1	EA	\$15,000.00	\$15,000.00	\$14,750.00	\$14,750.00	\$16,000.00	\$16,000.00	\$10,500.00	\$10,500.00	\$22,480.00	\$22,480.00	\$24,000.00	\$24,000.00				
28	Remove and Replace Handicap Ramp	1	EA	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$1,385.00	\$1,385.00	\$2,500.00	\$2,500.00				
29	Concrete Sidewalk Removal and Replacement	268	SF	\$20.00	\$5,360.00	\$9.00	\$2,412.00	\$12.50	\$3,350.00	\$10.00	\$2,680.00	\$10.00	\$2,680.00	\$30.00	\$8,040.00				
30	Pavement Removal and Replacement	230	SY	\$150.00	\$34,500.00	\$132.00	\$30,360.00	\$100.00	\$23,000.00	\$120.00	\$27,600.00	\$154.00	\$35,420.00	\$130.00	\$29,900.00				
31	Concrete Curb & Gutter Removal and Replacement	230	LF	\$55.00	\$12,650.00	\$26.50	\$6,095.00	\$50.00	\$11,500.00	\$50.00	\$11,500.00	\$65.00	\$14,950.00	\$65.00	\$14,950.00				
32	Connect to Existing Waterline	8	EA	\$3,500.00	\$28,000.00	\$3,100.00	\$24,800.00	\$1,000.00	\$8,000.00	\$2,500.00	\$20,000.00	\$2,340.00	\$18,720.00	\$2,750.00	\$22,000.00				
33	Seed, Fertilize, and Mulch	1	LS	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$5,805.00	\$5,805.00	\$5,000.00	\$5,000.00				
34	Provide Stormwater Pollution Control	1	LS	\$5,000.00	\$5,000.00	\$4,300.00	\$4,300.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$7,020.00	\$7,020.00	\$3,500.00	\$3,500.00				
35	Construction Staking	1	LS	\$5,500.00	\$5,500.00	\$4,750.00	\$4,750.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$5,005.00	\$5,005.00	\$5,000.00	\$5,000.00				
36	Traffic Control	1	LS	\$25,000.00	\$25,000.00	\$13,275.00	\$13,275.00	\$7,500.00	\$7,500.00	\$10,200.00	\$10,200.00	\$14,724.00	\$14,724.00	\$17,500.00	\$17,500.00				
37																			
ESTIMATE OF TOTAL PROBABLE PROJECT COSTS				\$590,805.00		\$432,214.00		\$437,030.00		\$518,840.00		\$560,398.00		\$615,100.00					