

February 9, 2016

Mr. Andy Ens, P.E.
Lawrence Utilities Department
P.O. Box 708
Lawrence, Kansas 66044-0708

RE: Recommendation for Award
Waterline Relocation Program
Iowa Street, 25th Street to 27th Street
City Project No. UT 1511 PEC Project No. 15A15-001-3975

Dear Andy:

I have attached the February 9th, 2016, 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. The top three bids received were as follows:

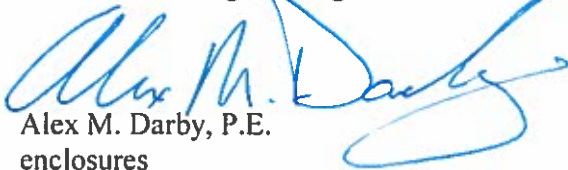
Westland Construction, Inc.	\$482,570.00
Greeley Excavating LLC	\$526,230.00
Stark Boring Co. Inc.	\$527,347.00
Engineer's Estimate	\$637,360.00

The bid supplied by Banks Construction contained an error in the unit cost that increased the bid from from \$526,655.00 to \$528,405.00. The correction moves Banks Construction to fourth in the tabulation behind Stark Boring Co.

Westland Construction, Inc. recently completed the Avalon Road Waterline Replacement and has successfully completed several other 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 Iowa Street, 25th Street to 27th Street Waterline Replacement to Westland Construction, Inc. of Basehor, Kansas in the amount of their bid of \$482,570.00.

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



Alex M. Darby, P.E.
enclosures

City of Lawrence, Kansas
Iowa Street, 25th Street to 27th Street
Waterline Replacement
PEC Project No. 15A15-001-3975
Bid Date: February 9, 2016 2:00 p.m.

Bidder	Bid Bond	Total Bid
1. Westland Construction	X	\$482,570.00
2. Greeley Excavating	X	\$526,230.00
3. Stark Boring Co.	X	\$527,347.96
4. Banks Construction	X	\$528,405.00
5. Schuetz Construction	X	\$587,065.00
6. Nowak Construction	X	\$729,736.40
7. Carlson Utility	X	\$749,993.00
8.		
9. Engineer's Estimate		\$637,360.00

<div>Professional Engineering Consultants, P.A. 1263 S.W. Topeka Blvd. Topeka, Kansas 66612-1852 Phone (785) 233-8300</div>				<div>CITY OF LAWRENCE UTILITIES DEPARTMENT IOWA STREET 25th STREET TO 27th STREET PEC PROJECT No. 15A15-001-3975 BID OPENING: February 9, 2016 2:00 pm</div>				Tabulation of Contractor's Bids													
								ENGINEER'S ESTIMATE OF PROBABLE COSTS		Westland Construction		Greeley Excavating		Stark Boring Co.		Banks Construction		Schuetz Const LLC		Nowak Construction	
ITEM NO.	DESCRIPTION	QUANTIT'	UNIT	UNIT PRICE	COST																
						Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension		
1	Install 8-Inch Waterline	127	LF	\$100.00	\$12,700.00	\$80.00	\$10,160.00	\$124.00	\$15,748.00	\$42.94	\$5,453.38	\$200.00	\$25,400.00	\$105.00	\$13,335.00	\$164.00	\$20,828.00	\$139.00	\$17,653.00		
2	Install 12-Inch Waterline	1995	LF	\$160.00	\$319,200.00	\$132.00	\$263,340.00	\$150.00	\$299,250.00	\$142.32	\$283,928.40	\$127.00	\$253,365.00	\$140.00	\$279,300.00	\$181.50	\$362,092.50	\$168.00	\$335,160.00		
3	Install 8-Inch Gate Valve	3	Each	\$1,750.00	\$5,250.00	\$1,200.00	\$3,600.00	\$1,300.00	\$3,900.00	\$1,397.50	\$4,192.50	\$1,500.00	\$4,500.00	\$1,500.00	\$4,500.00	\$1,409.00	\$4,227.00	\$1,300.00	\$3,900.00		
4	Install 12-Inch Gate Valve	9	Each	\$2,500.00	\$22,500.00	\$2,000.00	\$18,000.00	\$2,400.00	\$21,600.00	\$2,171.50	\$19,543.50	\$2,200.00	\$19,800.00	\$2,650.00	\$23,850.00	\$3,119.00	\$28,071.00	\$1,950.00	\$17,550.00		
5	Install 8-Inch Tapping Sleeve and Valve	2	Each	\$5,500.00	\$11,000.00	\$3,500.00	\$7,000.00	\$2,800.00	\$5,600.00	\$2,768.37	\$5,536.74	\$1,500.00	\$3,000.00	\$3,750.00	\$7,500.00	\$3,270.00	\$6,540.00	\$4,000.00	\$8,000.00		
6	Install 12-Inch Tapping Sleeve and Valve	1	Each	\$6,500.00	\$6,500.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$5,555.26	\$5,555.26	\$4,500.00	\$4,500.00	\$6,500.00	\$6,500.00	\$7,797.00	\$7,797.00	\$6,500.00	\$6,500.00		
7	Install 8-Inch Bend	5	Each	\$800.00	\$4,000.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00	\$477.18	\$2,385.90	\$500.00	\$2,500.00	\$575.00	\$2,875.00	\$372.50	\$1,862.50	\$750.00	\$3,750.00		
8	Install 12-Inch Bend	7	Each	\$1,000.00	\$7,000.00	\$800.00	\$5,600.00	\$700.00	\$4,900.00	\$830.19	\$5,811.33	\$750.00	\$5,250.00	\$925.00	\$6,475.00	\$517.50	\$3,622.50	\$1,000.00	\$7,000.00		
9	Install 12" x 6" Tee	4	Each	\$1,000.00	\$4,000.00	\$750.00	\$3,000.00	\$800.00	\$3,200.00	\$653.16	\$2,612.64	\$1,000.00	\$4,000.00	\$950.00	\$3,800.00	\$654.00	\$2,616.00	\$750.00	\$3,000.00		
10	Install 12" x 8" Tee	3	Each	\$1,250.00	\$3,750.00	\$850.00	\$2,550.00	\$850.00	\$2,550.00	\$962.69	\$2,888.07	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00	\$771.50	\$2,314.50	\$750.00	\$2,250.00		
11	Install 12" x 12" Tee	3	Each	\$1,500.00	\$4,500.00	\$1,050.00	\$3,150.00	\$1,000.00	\$3,000.00	\$1,278.34	\$3,835.02	\$1,000.00	\$3,000.00	\$1,050.00	\$3,150.00	\$838.50	\$2,515.50	\$800.00	\$2,400.00		
12	Install 12" x 8" Reducer	3	Each	\$1,000.00	\$3,000.00	\$500.00	\$1,500.00	\$400.00	\$1,200.00	\$466.95	\$1,400.85	\$750.00	\$2,250.00	\$875.00	\$2,625.00	\$469.50	\$1,408.50	\$750.00	\$2,250.00		
13	Install 8-Inch Anchor Coupling	8	Each	\$600.00	\$4,800.00	\$300.00	\$2,400.00	\$350.00	\$2,800.00	\$301.99	\$2,415.92	\$500.00	\$4,000.00	\$550.00	\$4,400.00	\$188.50	\$1,508.00	\$750.00	\$6,000.00		
14	Install 12-Inch Anchor Coupling	12	Each	\$850.00	\$10,200.00	\$550.00	\$6,600.00	\$500.00	\$6,000.00	\$491.34	\$5,896.08	\$600.00	\$7,200.00	\$695.00	\$8,340.00	\$411.00	\$4,932.00	\$900.00	\$10,800.00		
15	Install 6-Inch Cap or Plug & Block	1	Each	\$850.00	\$850.00	\$1,500.00	\$1,500.00	\$450.00	\$450.00	\$230.34	\$230.34	\$500.00	\$500.00	\$850.00	\$850.00	\$503.00	\$503.00	\$1,200.00	\$1,200.00		
16	Install 8-Inch Cap or Plug & Block	8	Each	\$1,000.00	\$8,000.00	\$1,000.00	\$8,000.00	\$500.00	\$4,000.00	\$648.00	\$5,184.00	\$750.00	\$6,000.00	\$1,000.00	\$8,000.00	\$440.00	\$3,520.00	\$1,300.00	\$10,400.00		
17	Install 12-Inch Cap or Plug & Block	1	Each	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$251.24	\$251.24	\$750.00	\$750.00	\$1,200.00	\$1,200.00	\$704.50	\$704.50	\$1,500.00	\$1,500.00		
18	Connect to Existing Waterline	4	Each	\$3,500.00	\$14,000.00	\$2,500.00	\$10,000.00	\$1,400.00	\$5,600.00	\$4,310.00	\$17,240.00	\$1,500.00	\$6,000.00	\$3,000.00	\$12,000.00	\$2,012.00	\$8,048.00	\$20,500.00	\$82,000.00		
19	Install Fire Hydrant Assembly	3	Each	\$4,000.00	\$12,000.00	\$4,400.00	\$13,200.00	\$4,500.00	\$13,500.00	\$2,949.38	\$8,848.14	\$4,250.00	\$12,750.00	\$4,000.00	\$12,000.00	\$4,494.00	\$13,482.00	\$5,400.00	\$16,200.00		
20	Install Fire Hydrant Assembly with Swivel 90	1	Each	\$4,500.00	\$4,500.00	\$4,700.00	\$4,700.00	\$4,500.00	\$4,500.00	\$3,168.51	\$3,168.51	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$3,622.00	\$3,622.00	\$6,500.00	\$6,500.00		
21	Remove Exisiting Valve Box and Cover	12	Each	\$750.00	\$9,000.00	\$400.00	\$4,800.00	\$400.00	\$4,800.00	\$300.00	\$3,600.00	\$150.00	\$1,800.00	\$150.00	\$1,800.00	\$1,056.00	\$12,672.00	\$1,000.00	\$12,000.00		
22	Install 14-Inch Casing Pipe by Boring	80	LF	\$300.00	\$24,000.00	\$160.00	\$12,800.00	\$200.00	\$16,000.00	\$163.65	\$13,092.00	\$250.00	\$20,000.00	\$245.00	\$19,600.00	\$709.50	\$56,760.00	\$330.00	\$26,400.00		
23	Install 18-Inch Casing Pipe by Boring	160	LF	\$350.00	\$56,000.00	\$180.00	\$28,800.00	\$250.00	\$40,000.00	\$217.42	\$34,787.20	\$325.00	\$52,000.00	\$320.00	\$51,200.00	\$744.00	\$119,040.00	\$380.00	\$60,800.00		
24	Install 5/8" Short Service	2	Each	\$800.00	\$1,600.00	\$1,250.00	\$2,500.00	\$600.00	\$1,200.00	\$466.18	\$932.36	\$1,750.00	\$3,500.00	\$750.00	\$1,500.00	\$654.00	\$1,308.00	\$2,000.00	\$4,000.00		
25	Install 1" Short Service	1	Each	\$1,300.00	\$1,300.00	\$1,400.00	\$1,400.00	\$750.00	\$750.00	\$508.84	\$508.84	\$1,750.00	\$1,750.00	\$1,000.00	\$1,000.00	\$704.50	\$704.50	\$3,000.00	\$3,000.00		
26	Install 1 1/2" Short Service	2	Each	\$1,500.00	\$3,000.00	\$2,350.00	\$4,700.00	\$1,200.00	\$2,400.00	\$776.98	\$1,553.96	\$1,750.00	\$3,500.00	\$1,200.00	\$2,400.00	\$1,962.00	\$3,924.00	\$3,500.00	\$7,000.00		
27	Install 2" Short Service	2	Each	\$1,750.00	\$3,500.00	\$2,500.00	\$5,000.00	\$1,500.00	\$3,000.00	\$654.88	\$1,309.76	\$1,750.00	\$3,500.00	\$1,500.00	\$3,000.00	\$2,113.00	\$4,226.00	\$5,000.00	\$10,000.00		
28	Install New Meter Setter	2	Each	\$300.00	\$600.00	\$1,800.00	\$3,600.00	\$1,200.00	\$2,400.00	\$927.43	\$1,854.86	\$750.00	\$1,500.00	\$250.00	\$500.00	\$855.00	\$1,710.00	\$250.00	\$500.00		
29	Install New Meter Tile	3	Each	\$200.00	\$600.00	\$450.00	\$1,350.00	\$200.00	\$600.00	\$252.56	\$757.68	\$750.00	\$2,250.00	\$150.00	\$450.00	\$302.00	\$906.00	\$600.00	\$1,800.00		
30	Install New Meter Ring/Cover	3	Each	\$150.00	\$450.00	\$550.00	\$1,650.00	\$400.00	\$1,200.00	\$345.98	\$1,037.94	\$750.00	\$2,250.00	\$125.00	\$375.00	\$335.50	\$1,006.50	\$1,000.00	\$3,000.00		
31	Pavement Removal and Replacement	22	SY	\$150.00	\$3,300.00	\$80.00	\$1,760.00	\$150.00	\$3,300.00	\$365.67	\$8,044.74	\$100.00	\$2,200.00	\$135.00	\$2,970.00	\$293.50	\$6,457.00	\$125.00	\$2,750.00		
32	Concrete Curb & Gutter Removal and Replacement	52	LF	\$75.00	\$3,900.00	\$35.00	\$1,820.00	\$60.00	\$3,120.00	\$85.50	\$4,446.00	\$60.00	\$3,120.00	\$60.00	\$3,120.00	\$64.40	\$3,348.80	\$66.00	\$3,432.00		
33	Concrete Sidewalk Removal and Replacement	1118	SF	\$20.00	\$22,360.00	\$5.00	\$5,590.00	\$9.00	\$10,062.00	\$12.60	\$14,086.80	\$15.00	\$16,770.00	\$25.00	\$27,950.00	\$9.45	\$10,565.10	\$11.00	\$12,298.00		
34	Wheelchair Ramp Removal and Replacement	4	Each	\$2,250.00	\$9,000.00	\$2,750.00	\$11,000.00	\$2,000.00	\$8,000.00	\$3,065.00	\$12,260.00	\$2,500.00	\$10,000.00	\$2,750.00	\$11,000.00	\$1,268.00	\$5,072.00	\$1,000.00	\$4,000.00		
35	Seed, Fertilize, and Mulch	1	LS	\$6,500.00	\$6,500.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$2,050.00	\$2,050.00	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$3,018.00	\$3,018.00	\$10,000.00	\$10,000.00		
36	Provide Storm Water Pollution Control	1	LS	\$4,500.00	\$4,500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$3,565.00	\$3,565.00	\$2,000.00	\$2,000.00	\$6,500.00	\$6,500.00	\$2,213.00	\$2,213.00	\$15,000.00	\$15,000.00		
37	Construction Staking	1	LS	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$2,651.00	\$2,651.00	\$10,000.00	\$10,000.00		
38	Traffic Control	1	LS	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$32,583.00	\$32,583.00	\$20,000.00	\$20,000.00	\$34,000.00	\$34,000.00	\$13,940.00	\$13,940.00	\$20,000.00	\$20,000.00		
TOTAL ESTIMATE OF PROBABLE COSTS					\$637,360.00		\$482,570.00		\$526,230.00		\$527,347.96		\$528,405.00		\$587,065.00		\$729,736.40		\$749,993.00		