

July 27, 2016

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

RE: Recommendation for Award  
Waterline Relocation Program  
El Dorado Drive – Bob Billings Parkway (E) to Bob Billings Parkway (W)  
City Project No. UT 1517 PEC Project No. 15A15-004-3975

Dear Leah:

I have attached the July 26, 2016, bid tabulation of the four 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:

Banks Construction LLC	\$448,400.00
Schuetz Construction, LLC	\$623,145.00
Westland Construction, Inc.	\$678,569.60
Nowak Construction Co., Inc.	\$991,377.00
Engineer's Estimate	\$664,020.00

The bid supplied by Westland Construction contained a math error that increased the bid from \$678,560.00 to \$678,569.60. Nowak Construction's bid contained an addition error that decreased the bid from \$991,467.00 to \$991,377.00. The correction doesn't change the overall bid order.

Banks Construction LLS is currently completing a waterline project for the City Utilities Department and 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 El Dorado Drive – Bob Billings Parkway (E) to Bob Billings Parkway (W) Waterline Replacement to Banks Construction LLC of Holton, Kansas in the amount of their bid of \$448,400.00.

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



Alex M. Darby, P.E.

enclosures

<b>Professional Engineering Consultants, P.A.</b>  1263 S.W. Topeka Blvd. Topeka, Kansas 66612-1852 Phone (785) 233-8300		<b>CITY OF LAWRENCE UTILITIES DEPARTMENT</b> <b>ELDORADO DRIVE WATERLINE REPLACEMENT</b>  <b>PEC PROJECT No. 15A15-004-3975</b> <b>BID OPENING: 2:00 PM July 26, 2016</b>				<b>TABULATION OF CONTRACTOR'S BIDS</b>							
<b>ENGINEER'S ESTIMATE OF PROBABLE COSTS</b>						<b>Banks Construction</b>		<b>Shuetz Construction</b>		<b>Westland Construction</b>		<b>Nowak Construction</b>	
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>QUANTITY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>COST</b>								
						<b>Unit Price</b>	<b>Cost</b>	<b>Unit Price</b>	<b>Cost</b>	<b>Unit Price</b>	<b>Cost</b>	<b>Unit Price</b>	<b>Cost</b>
1	Install 2-Inch Waterline	310	LF	\$50.00	\$15,500.00	\$40.00	\$12,400.00	\$42.00	\$13,020.00	\$145.00	\$44,950.00	\$111.00	\$34,410.00
2	Install 8-Inch Waterline	1,920	LF	\$130.00	\$249,600.00	\$125.00	\$240,000.00	\$140.00	\$268,800.00	\$139.38	\$267,609.60	\$277.00	\$531,840.00
3	Install 14-Inch Steel Casing Pipe	40	LF	\$250.00	\$10,000.00	\$150.00	\$6,000.00	\$150.00	\$6,000.00	\$300.00	\$12,000.00	\$313.00	\$12,520.00
4	Install 8-Inch Gate Valve & Box	6	Each	\$1,750.00	\$10,500.00	\$1,350.00	\$8,100.00	\$1,325.00	\$7,950.00	\$1,250.00	\$7,500.00	\$2,005.00	\$12,030.00
5	Install 12" x 8" Tapping Sleeve & 8" Tapping Valve	2	Each	\$6,500.00	\$13,000.00	\$4,500.00	\$9,000.00	\$4,650.00	\$9,300.00	\$5,000.00	\$10,000.00	\$4,975.00	\$9,950.00
6	Install 8" DI MJ Bend and Block	11	Each	\$650.00	\$7,150.00	\$300.00	\$3,300.00	\$650.00	\$7,150.00	\$650.00	\$7,150.00	\$150.00	\$1,650.00
7	Install 2-Inch Cap or Plug & Block	3	Each	\$500.00	\$1,500.00	\$300.00	\$900.00	\$500.00	\$1,500.00	\$300.00	\$900.00	\$300.00	\$900.00
8	Install 8-Inch Cap or Plug & Block	4	Each	\$1,000.00	\$4,000.00	\$400.00	\$1,600.00	\$950.00	\$3,800.00	\$1,500.00	\$6,000.00	\$540.00	\$2,160.00
9	Install 10-Inch Cap or Plug & Block	2	Each	\$1,250.00	\$2,500.00	\$500.00	\$1,000.00	\$1,150.00	\$2,300.00	\$1,600.00	\$3,200.00	\$894.00	\$1,788.00
10	Install 8" X 6" Tee & Block	5	Each	\$900.00	\$4,500.00	\$800.00	\$4,000.00	\$675.00	\$3,375.00	\$1,200.00	\$6,000.00	\$534.00	\$2,670.00
11	Install 8" X 8" Tee & Block	1	Each	\$900.00	\$900.00	\$800.00	\$800.00	\$700.00	\$700.00	\$1,200.00	\$1,200.00	\$560.00	\$560.00
12	Install 8-Inch Anchor Coupling	6	Each	\$450.00	\$2,700.00	\$250.00	\$1,500.00	\$300.00	\$1,800.00	\$125.00	\$750.00	\$338.00	\$2,028.00
13	Install 2-Inch Tapping Saddle with 2" Corp. Stop	2	Each	\$600.00	\$1,200.00	\$600.00	\$1,200.00	\$625.00	\$1,250.00	\$600.00	\$1,200.00	\$587.00	\$1,174.00
14	Install 2-Inch Blowoff Assembly	1	Each	\$1,200.00	\$1,200.00	\$900.00	\$900.00	\$985.00	\$985.00	\$3,500.00	\$3,500.00	\$1,300.00	\$1,300.00
15	Install Fire Hydrant Assembly	5	Each	\$4,500.00	\$22,500.00	\$3,500.00	\$17,500.00	\$4,375.00	\$21,875.00	\$4,500.00	\$22,500.00	\$3,565.00	\$17,825.00
16	Install New Meter Setter	40	Each	\$350.00	\$14,000.00	\$250.00	\$10,000.00	\$350.00	\$14,000.00	\$300.00	\$12,000.00	\$233.00	\$9,320.00
17	Install New Meter Tile	36	Each	\$200.00	\$7,200.00	\$150.00	\$5,400.00	\$225.00	\$8,100.00	\$60.00	\$2,160.00	\$153.00	\$5,508.00
18	Install 20" Meter Tile, Ring/Lid, and Setter	4	Each	\$750.00	\$3,000.00	\$375.00	\$1,500.00	\$625.00	\$2,500.00	\$150.00	\$600.00	\$645.00	\$2,580.00
19	Install 2" Manifold Assembly	3	Each	\$2,250.00	\$6,750.00	\$1,500.00	\$4,500.00	\$3,500.00	\$10,500.00	\$2,700.00	\$8,100.00	\$3,300.00	\$9,900.00
20	Install 3/4" Long Service	13	Each	\$1,250.00	\$16,250.00	\$1,000.00	\$13,000.00	\$1,050.00	\$13,650.00	\$3,750.00	\$48,750.00	\$2,990.00	\$38,870.00
21	Install 3/4" Short Service	26	Each	\$800.00	\$20,800.00	\$700.00	\$18,200.00	\$1,000.00	\$26,000.00	\$2,000.00	\$52,000.00	\$2,225.00	\$57,850.00
22	Install 1" Long Service	4	Each	\$2,000.00	\$8,000.00	\$1,000.00	\$4,000.00	\$1,850.00	\$7,400.00	\$4,000.00	\$16,000.00	\$3,045.00	\$12,180.00
23	Install 1" Short Service	1	Each	\$1,500.00	\$1,500.00	\$700.00	\$700.00	\$1,050.00	\$1,050.00	\$2,600.00	\$2,600.00	\$2,380.00	\$2,380.00
24	Concrete Sidewalk Removal and Replacement	282	SF	\$25.00	\$7,050.00	\$10.00	\$2,820.00	\$20.00	\$5,640.00	\$10.00	\$2,820.00	\$12.00	\$3,384.00
25	Pavement Removal and Replacement	1,234	SY	\$130.00	\$160,420.00	\$40.00	\$49,360.00	\$120.00	\$148,080.00	\$90.00	\$111,060.00	\$132.00	\$162,888.00
26	Concrete Curb & Gutter Removal and Replacement	192	LF	\$50.00	\$9,600.00	\$45.00	\$8,640.00	\$50.00	\$9,600.00	\$35.00	\$6,720.00	\$88.00	\$16,896.00
27	Concrete Valley Gutter Remocal and Replacement	8	LF	\$50.00	\$400.00	\$60.00	\$480.00	\$65.00	\$520.00	\$100.00	\$800.00	\$93.00	\$744.00
28	Handicap Ramp Removal and Replacement	2	LF	\$2,250.00	\$4,500.00	\$1,800.00	\$3,600.00	\$1,750.00	\$3,500.00	\$2,000.00	\$4,000.00	\$1,170.00	\$2,340.00
29	Connect to Existing Waterline	2	Each	\$4,000.00	\$8,000.00	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00	\$3,000.00	\$6,000.00	\$2,380.00	\$4,760.00
30	Seed, Fertilize, and Mulch	1	LS	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$5,500.00	\$5,500.00	\$3,000.00	\$3,000.00	\$5,935.00	\$5,935.00
31	Provide Stormwater Pollution Control	1	LS	\$5,100.00	\$5,100.00	\$1,000.00	\$1,000.00	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$12,357.00	\$12,357.00
32	Construction Staking	1	LS	\$3,200.00	\$3,200.00	\$5,000.00	\$5,000.00	\$1,800.00	\$1,800.00	\$500.00	\$500.00	\$2,965.00	\$2,965.00
33	Traffic Control	1	LS	\$40,000.00	\$40,000.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$4,000.00	\$4,000.00	\$7,715.00	\$7,715.00
<b>TOTAL ESTIMATE OF PROBABLE COSTS</b>				<b>\$664,020.00</b>		<b>\$448,400.00</b>		<b>\$623,145.00</b>		<b>\$678,569.60</b>		<b>\$991,377.00</b>	