PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

10/21/2026

Peter Worbach – Staff Engineer
City of Norman – Utilities Department
225 N Webster Avenue
Norman, OK 73070

RE: WA0389 – Royal Oaks Engineer's Contract Award Recommendation

Peter,

We have completed our review of the four bid packages received for the Royal Oaks waterline replacement project. Bids were received from Southwest Water Works, Heartland Utility Services, Davenport Construction, and Cimarron Construction Company and their bid form totals are attached to this letter. The attached bid tabulation is presented as submitted by the contractors with erroneous items highlighted in red.

The bid from Heartland Utility Services was incomplete on Line 32 with two calculation errors present, resulting in higher total bid of $46,825.00 from their written total. Cimarron Construction Company's bid form was incorrectly calculated on three lines resulting in higher total bid of $15,803.00 from their written total.

Based on the bid packages received and bid form totals, PEC recommends awarding the WA00389 Royal Oaks Waterline Replacement project to Southwest Water Works, LLC for a total base bid price of **$1,883,895.00**.

Sincerely,

PROFESSIONAL ENGINEERING CONSULTANTS, PA



Joseph Voss
Project Manager

NORMAN UTILITIES AUTHORITY | WA0389 ROYAL OAKS WATERLINE REPLACEMENT
BID NO. 2627-14 | CONTRACT NO. K-2627-16 | OCTOBER 15, 2026

				Southwest Water Works		Heartland Utility Services		Davenport Construction		Cimarron Construction Company	
ITEM NO.	DESCRIPTION	UNITS	EST. QTY	UNIT PRICE	SWWW AMOUNT	UNIT PRICE	HEARTLAND AMOUNT	UNIT PRICE	DAVENPORT AMOUNT	UNIT PRICE	CIMARRON AMOUNT
1	8" PVC WATER MAIN BY OPEN CUT (C-900) (DR18)	LF	5310	$ 100.00	$ 531,000.00	$ 75.00	$ 398,250.00	$ 75.00	$ 398,250.00	$ 130.00	$ 690,300.00
2	6" PVC WATER MAIN BY OPEN CUT (C-900) (DR18)	LF	138	$ 65.00	$ 8,970.00	$ 75.00	$ 10,350.00	$ 65.00	$ 8,970.00	$ 97.00	$ 13,386.00
3	CONNECT TO EXISTING 6" WATERLINE (WET CONNECTION)	EA	3	$ 4,500.00	$ 13,500.00	$ 3,500.00	$ 10,500.00	$ 2,500.00	$ 7,500.00	$ 3,482.00	$ 10,446.00
4	CONNECT TO EXISTING 8" WATERLINE (WET CONNECTION)	EA	3	$ 4,500.00	$ 13,500.00	$ 3,500.00	$ 10,500.00	$ 2,500.00	$ 7,500.00	$ 4,615.00	$ 13,845.00
5	STEEL CASING BY OPEN CUT FOR 8" WATER MAIN	LF	10	$ 85.00	$ 850.00	$ 300.00	$ 3,000.00	$ 180.00	$ 1,800.00	$ 215.00	$ 2,150.00
6	12" X 8" TAPPING SLEEVE	EA	1	$ 3,500.00	$ 3,500.00	$ 8,750.00	$ 8,750.00	$ 5,000.00	$ 5,000.00	$ 4,463.00	$ 4,463.00
7	8" TAPPING VALVE & BOX	EA	1	$ 4,500.00	$ 4,500.00	$ 5,500.00	$ 5,500.00	$ 5,800.00	$ 5,800.00	$ 2,674.00	$ 2,674.00
8	8" X 8" TEE	EA	7	$ 1,800.00	$ 12,600.00	$ 1,500.00	$ 10,500.00	$ 1,800.00	$ 12,600.00	$ 1,761.00	$ 12,327.00
9	8" X 6" TEE	EA	3	$ 1,600.00	$ 4,800.00	$ 1,500.00	$ 4,500.00	$ 1,800.00	$ 5,400.00	$ 1,558.00	$ 4,674.00
10	8" X 8" CROSS	EA	1	$ 2,200.00	$ 2,200.00	$ 2,100.00	$ 2,100.00	$ 2,200.00	$ 2,200.00	$ 2,517.00	$ 2,517.00
11	8" X 6" REDUCER	EA	3	$ 900.00	$ 2,700.00	$ 1,400.00	$ 4,200.00	$ 1,020.00	$ 3,060.00	$ 764.00	$ 2,292.00
12	8" X 45° BEND (MJ)	EA	20	$ 1,100.00	$ 22,000.00	$ 1,450.00	$ 29,000.00	$ 1,200.00	$ 24,000.00	$ 1,049.00	$ 20,746.00
13	6" X 45° BEND (MJ)	EA	6	$ 900.00	$ 5,400.00	$ 1,000.00	$ 6,000.00	$ 1,200.00	$ 7,200.00	$ 822.00	$ 4,932.00
14	8" X 22½° BEND (MJ)	EA	23	$ 1,100.00	$ 25,300.00	$ 1,450.00	$ 33,350.00	$ 1,200.00	$ 27,600.00	$ 902.00	$ 20,746.00
15	8" X 11¼° BEND (MJ)	EA	14	$ 1,100.00	$ 15,400.00	$ 1,450.00	$ 20,300.00	$ 1,200.00	$ 16,800.00	$ 867.00	$ 12,138.00
16	8" GATE VALVE & BOX	EA	29	$ 4,500.00	$ 130,500.00	$ 2,000.00	$ 58,000.00	$ 3,600.00	$ 104,400.00	$ 2,828.00	$ 82,012.00
17	6" GATE VALVE & BOX	EA	6	$ 3,500.00	$ 21,000.00	$ 2,100.00	$ 12,600.00	$ 2,800.00	$ 16,800.00	$ 1,936.00	$ 11,616.00
18	8" CUT & CAP	EA	5	$ 1,000.00	$ 5,000.00	$ 3,500.00	$ 17,500.00	$ 2,500.00	$ 12,500.00	$ 2,973.00	$ 14,865.00
19	6" CUT & CAP	EA	2	$ 750.00	$ 1,500.00	$ 3,500.00	$ 7,000.00	$ 2,500.00	$ 5,000.00	$ 2,739.00	$ 5,478.00
20	1" SINGLE SHORT SERVICE (SSS)	EA	77	$ 1,000.00	$ 77,000.00	$ 1,350.00	$ 103,950.00	$ 1,600.00	$ 123,200.00	$ 1,401.00	$ 107,877.00
21	1" SINGLE LONG SERVICE (SLS)	EA	84	$ 1,300.00	$ 109,200.00	$ 2,400.00	$ 201,600.00	$ 2,500.00	$ 210,000.00	$ 2,288.00	$ 192,192.00
22	2" SINGLE LONG SERVICE	EA	1	$ 6,000.00	$ 6,000.00	$ 3,500.00	$ 3,500.00	$ 3,500.00	$ 3,500.00	$ 3,785.00	$ 3,785.00
23	FIRE HYDRANT ASSEMBLY	EA	22	$ 9,000.00	$ 198,000.00	$ 6,000.00	$ 132,000.00	$ 7,500.00	$ 165,000.00	$ 9,962.00	$ 219,164.00
24	SOLID SLAB SODDING	SY	3963	$ 5.00	$ 19,815.00	$ 6.00	$ 23,778.00	$ 6.00	$ 23,778.00	$ 5.00	$ 19,815.00
25	MOBILIZATION AND INSURANCE (5%)	LS	1	$ 75,000.00	$ 75,000.00	$ 80,000.00	$ 80,000.00	$ 75,000.00	$ 75,000.00	$ 97,457.00	$ 97,457.00
26	EROSION CONTROL	LS	1	$ 2,500.00	$ 2,500.00	$ 15,000.00	$ 15,000.00	$ 20,000.00	$ 20,000.00	$ 1,201.00	$ 1,201.00
27	TRAFFIC CONTROL	LS	1	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 8,331.00	$ 8,331.00
28	CONSTRUCTION STAKING AND GPS AS-BUILT SURVEY	LS	1	$ 15,000.00	$ 15,000.00	$ 12,000.00	$ 12,000.00	$ 11,500.00	$ 11,500.00	$ 8,488.00	$ 8,488.00
29	PRE- AND POST-CONSTRUCTION VIDEO INSPECTION	LS	1	$ 8,000.00	$ 8,000.00	$ 3,250.00	$ 3,250.00	$ 7,500.00	$ 7,500.00	$ 2,055.00	$ 2,055.00
30	ADA TACTILE SURFACE	EA	13	$ 400.00	$ 5,200.00	$ 5,500.00	$ 71,500.00	$ 450.00	$ 5,850.00	$ 501.00	$ 501.00
31	REMOVE FIRE HYDRANT	EA	20	$ 400.00	$ 8,000.00	$ 750.00	$ 15,000.00	$ 530.00	$ 10,600.00	$ 503.00	$ 503.00
32	REMOVE AND REPLACE SIDEWALK	SY	595	$ 150.00	$ 89,250.00	$ 125.00	$ -	$ 120.00	$ 71,400.00	$ 155.00	$ 92,225.00
33	REMOVE AND REPLACE DRIVEWAY	SY	300	$ 150.00	$ 45,000.00	$ 150.00	$ 178,050.00	$ 130.00	$ 39,000.00	$ 218.00	$ 65,400.00
34	REMOVE AND REPLACE ROADWAY PAVEMENT	SY	800	$ 175.00	$ 140,000.00	$ 250.00	$ 94,500.00	$ 300.00	$ 240,000.00	$ 221.00	$ 176,800.00
35	REMOVE AND REPLACE CURB AND GUTTER	LF	426	$ 85.00	$ 36,210.00	$ 125.00	$ 53,250.00	$ 120.00	$ 51,120.00	$ 89.00	$ 37,914.00
36	BORING 8-INCH C900 DR-18 PVC PIPE	LF	1684	$ 125.00	$ 210,500.00	$ 115.00	$ 193,660.00	$ 126.00	$ 212,184.00	$ 181.00	$ 304,804.00
	TOTAL BASE BID (as submitted)			**TOTAL**	**$ 1,883,895.00**	**TOTAL**	**$ 1,922,613.00**	**TOTAL**	**$ 1,957,012.00**	**TOTAL**	**$ 2,285,872.00**