

 PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 4150 S. 100th E. Ave., Ste. 401 Tulsa OK 74146 Ph: (918) 664-5400				Norman, Oklahoma High Pressure Plane Waterline Improvements PEC Project No. : 434-07K03-002-5637 Bid Opening Date: Thursday, February 21, 2013 Bid Opening Time: 2:00 PM				BID TABULATION													
				ENGINEER'S ESTIMATE		Matthews Trenching Co. 919 S. Fairmont Oklahoma City, OK 73129		F T Construction Co Inc 2201 S Eastern Ave Oklahoma City, OK 73129		Central Contractors 17301 S. Sunny Lane Norman, OK 73071		Downey Contracting, LLC 3217 N.E. 63rd St. Oklahoma City, OK 73121		BRB Contractors, Inc. 3805 NW 25th St. Topeka, KS 66675		Davenport Construction 6001 Horseshoe Bend Edmond, OK 73034					
Item No.	Description	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total				
BASE BID																					
1	MOBILIZATION	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 15,000.00	\$ 15,000.00	\$ 103,163.00	\$ 103,163.00	\$ 140,000.00	\$ 140,000.00	\$ 25,000.00	\$ 25,000.00	\$ 117,000.00	\$ 117,000.00	\$ 20,000.00	\$ 20,000.00				
2	CONSTRUCTION STAKING	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 7,500.00	\$ 7,500.00	\$ 16,818.27	\$ 16,818.27	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 4,500.00	\$ 4,500.00	\$ 7,500.00	\$ 7,500.00				
3	TRAFFIC CONTROL	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 5,250.00	\$ 5,250.00	\$ 4,679.25	\$ 4,679.25	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00	\$ 6,600.00	\$ 6,600.00	\$ 9,500.00	\$ 9,500.00				
4	EROSION CONTROL	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 2,500.00	\$ 2,500.00	\$ 12,329.50	\$ 12,329.50	\$ 10,000.00	\$ 10,000.00	\$ 25,000.00	\$ 25,000.00	\$ 15,000.00	\$ 15,000.00	\$ 9,800.00	\$ 9,800.00				
5	TRENCH SAFETY	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,720.09	\$ 2,720.09	\$ 9,000.00	\$ 9,000.00	\$ 63,000.00	\$ 63,000.00	\$ 2,000.00	\$ 2,000.00	\$ 11,000.00	\$ 11,000.00				
6	SITE CLEARING	0.65	AC	\$ 12,000.00	\$ 7,800.00	\$ 18,000.00	\$ 11,700.00	\$ 1,979.32	\$ 1,286.56	\$ 3,000.00	\$ 1,950.00	\$ 2,500.00	\$ 1,625.00	\$ 6,000.00	\$ 3,900.00	\$ 2,500.00	\$ 1,625.00				
7	OPEN CUT 12-INCH PVC PIPE	75	LF	\$ 35.00	\$ 2,625.00	\$ 50.00	\$ 3,750.00	\$ 38.51	\$ 2,888.25	\$ 50.00	\$ 3,750.00	\$ 40.00	\$ 3,000.00	\$ 39.00	\$ 2,925.00	\$ 60.00	\$ 4,500.00				
8	OPEN CUT 16-INCH PVC PIPE	5900	LF	\$ 50.00	\$ 295,000.00	\$ 50.00	\$ 295,000.00	\$ 49.04	\$ 289,336.00	\$ 50.00	\$ 295,000.00	\$ 61.00	\$ 359,900.00	\$ 53.00	\$ 312,700.00	\$ 78.00	\$ 460,200.00				
9	OPEN CUT 24-INCH PVC PIPE	3200	LF	\$ 80.00	\$ 256,000.00	\$ 86.00	\$ 275,200.00	\$ 93.63	\$ 299,616.00	\$ 87.00	\$ 278,400.00	\$ 81.00	\$ 259,200.00	\$ 105.00	\$ 336,000.00	\$ 155.00	\$ 496,000.00				
10	BORING 16-INCH PVC PIPE WITH STEEL CASING	64	LF	\$ 350.00	\$ 22,400.00	\$ 365.00	\$ 23,360.00	\$ 285.60	\$ 18,278.40	\$ 415.00	\$ 26,560.00	\$ 450.00	\$ 28,800.00	\$ 420.00	\$ 26,880.00	\$ 440.00	\$ 28,160.00				
11	BORING 24-INCH PVC PIPE WITH STEEL CASING	183	LF	\$ 400.00	\$ 73,200.00	\$ 590.00	\$ 107,970.00	\$ 372.30	\$ 68,130.90	\$ 650.00	\$ 118,950.00	\$ 545.00	\$ 99,735.00	\$ 585.00	\$ 107,055.00	\$ 670.00	\$ 122,610.00				
12	6-INCH GATE VALVE W/ BOX	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 950.00	\$ 950.00	\$ 954.44	\$ 954.44	\$ 1,000.00	\$ 1,000.00	\$ 950.00	\$ 950.00	\$ 1,050.00	\$ 1,050.00	\$ 1,000.00	\$ 1,000.00				
13	12-INCH GATE VALVE W/ BOX	2	EA	\$ 4,000.00	\$ 8,000.00	\$ 2,250.00	\$ 4,500.00	\$ 2,355.97	\$ 4,711.94	\$ 2,500.00	\$ 5,000.00	\$ 3,000.00	\$ 6,000.00	\$ 2,700.00	\$ 5,400.00	\$ 3,000.00	\$ 6,000.00				
14	16-INCH GATE VALVE W/ BOX	8	EA	\$ 8,000.00	\$ 64,000.00	\$ 6,500.00	\$ 52,000.00	\$ 7,389.79	\$ 59,118.32	\$ 8,500.00	\$ 68,000.00	\$ 13,800.00	\$ 110,400.00	\$ 7,000.00	\$ 56,000.00	\$ 8,300.00	\$ 66,400.00				
15	24-INCH GATE VALVE W/ BOX	4	EA	\$ 12,000.00	\$ 48,000.00	\$ 17,500.00	\$ 70,000.00	\$ 21,993.32	\$ 87,973.28	\$ 19,000.00	\$ 76,000.00	\$ 27,000.00	\$ 108,000.00	\$ 25,100.00	\$ 100,400.00	\$ 32,000.00	\$ 128,000.00				
16	1-INCH AIR RELIEF VALVE & VAULT	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00	\$ 2,985.91	\$ 2,985.91	\$ 2,500.00	\$ 2,500.00	\$ 3,000.00	\$ 3,000.00	\$ 2,625.00	\$ 2,625.00	\$ 2,500.00	\$ 2,500.00				
17	2-INCH AIR RELIEF VALVE & VAULT	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 5,500.00	\$ 5,500.00	\$ 3,515.60	\$ 3,515.60	\$ 3,000.00	\$ 3,000.00	\$ 3,500.00	\$ 3,500.00	\$ 3,250.00	\$ 3,250.00	\$ 3,200.00	\$ 3,200.00				
18	16" X 16" TAPPING SLEEVE	1	EA	\$ 5,500.00	\$ 5,500.00	\$ 17,500.00	\$ 17,500.00	\$ 5,080.00	\$ 5,080.00	\$ 13,000.00	\$ 13,000.00	\$ 15,000.00	\$ 15,000.00	\$ 16,500.00	\$ 16,500.00	\$ 16,000.00	\$ 16,000.00				
19	6-INCH 45° BEND	1	EA	\$ 500.00	\$ 500.00	\$ 350.00	\$ 350.00	\$ 416.77	\$ 416.77	\$ 450.00	\$ 450.00	\$ 250.00	\$ 250.00	\$ 360.00	\$ 360.00	\$ 300.00	\$ 300.00				
20	12-INCH 45° BEND	1	EA	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 943.97	\$ 943.97	\$ 800.00	\$ 800.00	\$ 500.00	\$ 500.00	\$ 750.00	\$ 750.00	\$ 700.00	\$ 700.00				
21	16-INCH 22-1/2° BEND	23	EA	\$ 1,300.00	\$ 29,900.00	\$ 2,000.00	\$ 46,000.00	\$ 1,335.30	\$ 30,711.90	\$ 1,100.00	\$ 25,300.00	\$ 900.00	\$ 20,700.00	\$ 1,300.00	\$ 29,900.00	\$ 1,300.00	\$ 29,900.00				
22	16-INCH 45° BEND	12	EA	\$ 1,500.00	\$ 18,000.00	\$ 2,500.00	\$ 30,000.00	\$ 2,452.31	\$ 29,427.72	\$ 1,100.00	\$ 13,200.00	\$ 1,000.00	\$ 12,000.00	\$ 2,325.00	\$ 27,900.00	\$ 2,200.00	\$ 26,400.00				
23	24-INCH 22-1/2° BEND	12	EA	\$ 1,650.00	\$ 19,800.00	\$ 3,250.00	\$ 39,000.00	\$ 2,072.93	\$ 24,875.16	\$ 1,700.00	\$ 20,400.00	\$ 1,800.00	\$ 21,600.00	\$ 2,300.00	\$ 27,600.00	\$ 2,400.00	\$ 28,800.00				
24	24-INCH 45° BEND	10	EA	\$ 1,650.00	\$ 16,500.00	\$ 3,500.00	\$ 35,000.00	\$ 4,844.04	\$ 48,440.40	\$ 1,800.00	\$ 18,000.00	\$ 2,100.00	\$ 21,000.00	\$ 3,925.00	\$ 39,250.00	\$ 4,200.00	\$ 42,000.00				
25	16" X 12" CROSS	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 1,921.78	\$ 1,921.78	\$ 1,800.00	\$ 1,800.00	\$ 1,500.00	\$ 1,500.00	\$ 4,500.00	\$ 4,500.00	\$ 3,700.00	\$ 3,700.00				
26	24" X 24" CROSS	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00	\$ 4,099.26	\$ 4,099.26	\$ 4,000.00	\$ 4,000.00	\$ 3,500.00	\$ 3,500.00	\$ 8,750.00	\$ 8,750.00	\$ 6,000.00	\$ 6,000.00				
27	24" X 24" TEE	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 5,861.50	\$ 5,861.50	\$ 3,000.00	\$ 3,000.00	\$ 2,400.00	\$ 2,400.00	\$ 5,625.00	\$ 5,625.00	\$ 5,000.00	\$ 5,000.00				
28	24" X 12" TEE	1	EA	\$ 1,900.00	\$ 1,900.00	\$ 2,500.00	\$ 2,500.00	\$ 2,639.21	\$ 2,639.21	\$ 2,500.00	\$ 2,500.00	\$ 1,800.00	\$ 1,800.00	\$ 5,425.00	\$ 5,425.00	\$ 3,100.00	\$ 3,100.00				
29	16" X 8" TEE	4	EA	\$ 1,600.00	\$ 6,400.00	\$ 1,500.00	\$ 6,000.00	\$ 1,528.28	\$ 6,113.12	\$ 1,200.00	\$ 4,800.00	\$ 750.00	\$ 3,000.00	\$ 2,500.00	\$ 10,000.00	\$ 1,700.00	\$ 6,800.00				
30	24" X 16" REDUCER	2	EA	\$ 2,100.00	\$ 4,200.00	\$ 2,000.00	\$ 4,000.00	\$ 2,286.29	\$ 4,572.58	\$ 1,500.00	\$ 3,000.00	\$ 950.00	\$ 1,900.00	\$ 1,600.00	\$ 3,200.00	\$ 2,050.00	\$ 4,100.00				
31	16" X 12" REDUCER	3	EA	\$ 1,500.00	\$ 4,500.00	\$ 1,000.00	\$ 3,000.00	\$ 977.21	\$ 2,931.63	\$ 1,000.00	\$ 3,000.00	\$ 700.00	\$ 2,100.00	\$ 1,225.00	\$ 3,675.00	\$ 1,020.00	\$ 3,060.00				
32	12" X 6" REDUCER	1	EA	\$ 800.00	\$ 800.00	\$ 500.00	\$ 500.00	\$ 667.36	\$ 667.36	\$ 700.00	\$ 700.00	\$ 320.00	\$ 320.00	\$ 400.00	\$ 400.00	\$ 600.00	\$ 600.00				
33	8" X 6" REDUCER	4	EA	\$ 600.00	\$ 2,400.00	\$ 400.00	\$ 1,600.00	\$ 580.52	\$ 2,322.08	\$ 500.00	\$ 2,000.00	\$ 250.00	\$ 1,000.00	\$ 275.00	\$ 1,100.00	\$ 350.00	\$ 1,400.00				
34	12" PLUG	2	EA	\$ 70																	