The Norman Utilities Authority 201 West Gray, Building C Norman, Oklahoma

POE & ASSOCIATES, INC.

PROJECT: 24-Inch Water Transmission Line from Timberdell and Chautauqua to Jenkins and Constitution, NUA Bid No.1920-2

CONTRACT: Contract No. K-1920-2 - Project WA0239 - 24-Inch Water Transmission Line from Timberdell and Chautauqua to Jenkins and Constitution

DATE:	10/10/19 2:00 PM		Engineer's Estimate	H&H Plumbing & Utilities, Inc. 266 Industrial Blvd.		17301 S Sunnylane		Jordan Contractors, Inc. 123 S. Broadway		Krapff Reynolds Construction Co. 2400 NE 4th Oklahoma City, OK 73117		Downey Contracting, LLC* 3217 Northeast 63rd Street Oklahoma City, OK 73121		Cimarron Construction Company 3501 NE 63rd Street Oklahoma City, OK 73121		PO Bo	enching Co., Inc. ox 15479 City, OK 73155	5321 SW	thing, LLC 11th Street ity, OK 73128			W.E.B. Consruction, INC 3316 Red Maple Lane Moore, OK 73170			
E BID						Golds	by, OK 73093	UNIT	ian, OK 73071	UNIT	seh, OK 74873	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	
ITEM	DESCRIPTION	UNIT	QTY	UNIT P	ICE TOTAL PRICE	UNIT PRICE	TOTAL PRICE	PRICE	TOTAL PRICE	PRICE	TOTAL PRICE			\$153.00	\$662,796.00	\$164.00	\$710,448.00	\$160.00	\$693,120.00	\$171.00	\$740,772.00	\$159.00	\$688,788.00	\$164.80	\$713,913.60 \$21,000.60
1	24-Inch C900 PVC, (DR-18) by Open cut	LF	4,332	\$150.	0 \$649,800.00	\$140.00	\$606,480.00	\$175.00	\$758,100.00	\$144.00	\$623,808.00	\$150.00	\$649,800.00	\$75.00	\$20,250.00	\$73.00	\$19,710.00	\$120.00	\$32,400.00	\$153.00	\$41,310.00	\$76.00	\$20,520.00 \$3,920.00	ess 42	\$3,879,40
2	12Inch C900 PVC, (DR-18) by Open cut	LF	270	\$100.	0 \$27,000.00	\$70.00	\$18,900.00	\$80.00	\$21,600.00	\$110.00	\$29,700.00	\$109.00	\$29,430.00	\$54.00	\$3,780.00	\$68.00	\$4,760.00	\$55.00	\$3,850.00	\$150.00	\$10,500.00	\$56.00	\$273,470.00	\$722.52	\$209,530.8
3	6-Inch C900 PVC, (DR-18) by Open cut	LF	70	\$75.0	\$5,250.00	\$30.00	\$2,100.00	\$40.00	\$2.800.00	\$60.00	\$4,200.00	\$98.00	\$6,860.00	\$694.00	\$201,260.00	\$550.00	\$159,500.00	\$585.00	\$169,650.00	\$637.00	\$184,730.00	\$943.00		\$13,656.55	\$54,626.20
4	Boring 24-Inch C900 PVC (DR-18) with Steel Casing	LF	290	\$100.	0 \$29,000.00	\$834.94	\$242,132.60	\$650.00	\$188,500.00	\$970.00	\$281,300.00	\$769.00	\$223,010.00	\$9,395.00	\$37,580.00	\$11,135.00	\$44,540.00	\$16,500.00	\$66,000.00	\$7.780.00	\$31,120.00	\$13,525.00	\$54,100.00	\$3,442.14	\$17,210.70
5	24-Inch MJ Butterfly Valve W/ Box	EA	4	\$8,000	00 \$32,000.00	\$8,061.50	\$32,246.00	\$8,000.00	\$32,000.00	\$11,236.00	\$44,944.00	\$11,100.00	\$44,400.00	\$2,519.00	\$12,595.00	\$2,615.00	\$13,075.00	\$4,000.00	\$20,000.00	\$2,940.00	\$14,700.00	\$3,550.00	\$17,750.00	\$1,496.45	\$10,475.1
6	12-Inch MJ Gate Valve W/ Box	EA	5	\$2,000		\$2,645.00	\$13,225.00	\$2,500.00	\$12,500.00	\$2,800.00	\$14,000.00	\$2,700.00	\$13,500.00	\$1,116.00	\$7,812.00	\$965.00	\$6,755.00	\$1,400.00	\$9,800.00	\$1,340.00	\$9,380.00	\$1,050.00	\$7,350.00	\$5,811.61	\$34,869.6
7	6-Inch MJ Gate Valve W/ Box	EA	7	\$1,500		\$1,167.41	\$8,171.87	\$1,000.00	\$7,000.00	\$1,000.00	\$7,000.00	\$925.00	\$6,475.00		\$18,426.00	\$5,000.00	\$30,000.00	\$4,500.00	\$27,000.00	\$5,780.00	\$34,680.00	\$3,225.00	\$19,350.00		\$42,111.2
8	Fire Hydrant Assembly	EA		\$4,000		\$2,906.05	\$17,436.30	\$3,500.00	\$21,000.00	\$3,400.00	\$20,400.00	\$3,900.00	\$23,400.00	\$3,071.00	\$12,384.00	\$6,800.00	\$13,600.00	\$12,000.00	\$24,000.00	\$4,320.00	\$8,640.00	\$6,025.00	\$12,050.00	\$21,055.61	\$5,923.9
0	Air Release Valve and Vault (2-inch)	EA		\$3,500		\$4,945.00	\$9,890.00	\$5,000.00	\$10,000.00	\$8,000.00	\$15,000.00	\$8,000.00	\$16,000.00	\$6,192.00	\$5,120.00	\$2,800.00	\$5,600.00	\$3,200.00	\$6,400.00	\$2,600.00	\$5,200.00	\$6,950.00	\$13,900.00	\$2,961.99	\$17,338.8
10	24-Inch x 22.5 Degree Bend	EA		\$2,500		\$5,216.40	\$10,432.80	\$2,500.00	\$5,000.00	\$2,400.00	\$4,800.00	\$2,150.00	\$4,300.00	\$2,560.00	\$12,708.00	\$2,700.00	\$16,200.00	\$3,000.00	\$18,000.00	\$2,440.00	\$14.640.00	\$6,875.00	\$41,250.00	\$2,889.81	\$10,500.6
11	24-Inch x 11.2522.5 Degree Bend	EA		\$2,500		\$4,425.20	\$26,551.20	\$2,500.00	\$15,000.00	\$2,300.00	\$13,800.00	\$2,050.00	\$12,300.00	\$2,118.00	\$8,847.00	\$3,600.00	\$10,800.00	\$4,000.00	\$12,000.00	\$3,270.00	\$9,810.00	\$7,475.00	\$22,425.00	\$3,500.20	\$12,783.
12	24-Inch x 12-Inch Tee	EA		\$3,000		\$8,542.20	\$25,626.60	\$3,500.00	\$10,500.00	\$3,455.00	\$10,365.00	\$9,850.00	\$29,550.00	\$2,949.00	\$10,360.00	\$3,200.00	\$12,800.00	\$4,000.00	\$16,000.00	\$2,920.00	\$11,680.00	\$7,000.00	\$28,000.00		\$8,767.4
13	24-Inch x 6-Inch Tee	EA		\$2,750	00 \$11,000.00	\$4,171.05	\$16,684.20	\$2,500.00	\$10,000.00	52,640.00	\$10,560.00	\$12,300.00	\$49,200.00	\$2,590.00		\$6,225.00	\$6,225.00	\$7,500.00	\$7,500.00	\$5,590.00	\$5,590.00	\$18,400.00	\$18,400.00	\$8,767.45	\$1,655.5
A	24-Inch x 24-Inch Cross	EA		\$5,000		\$11,168.80	\$11,168.80	\$5,000.00	\$5,000.00	\$5,400.00	\$5,400.00	\$18,900.00	\$18,900.00	\$4,551.00	\$4,551.00	\$2,750.00	\$2,750.00	\$1,500.00	\$1,500.00	\$1,990.00	\$1,990.00	\$6,250.00	\$6,250.00	\$1,665.91	
	24-Inch Plug	EA		\$4,000		\$1,450.00	\$1,450.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$4,400.00	\$4,400.00	\$1,190.00	\$1,190.00	\$2,300.00	\$4,600.00	\$2,450.00	\$4,900.00	\$1,970.00	\$3,940.00	\$7,075.00	\$14,150.00	\$2,237.06	\$4,474
	24-Inch ridg 24-Inch x 12-Inch Reducer	EA		\$2,000		\$2,135.00	\$4,270.00	\$2,500.00	\$5,000.00	\$1,700.00	\$3,400.00	\$1,600.00	\$3,200,00	\$1,597.00	\$3,194.00		\$5,000.00	\$17,500.00	\$17,500.00	\$4,600.00	\$4,600.00	\$7,175.00	\$7,175.00	\$6,329.05	\$6,329
10	12-Inch Blowoff	EA		\$2,500		\$3,950.00	\$3,950.00	\$3,500.00	\$3,500.00	\$7,815.00	\$7,815.00	\$8,550.00	\$8,550.00	\$5,614.00	\$5,614.00	\$5,000.00	\$2,100.00	\$1,450.00	\$2,900.00	\$1,140.00	\$2,280.00	\$1,925.00	\$3,850.00	\$1,579.61	\$3,159
10		EA		\$1,500		\$725.00	\$1,450.00	\$1,000.00	\$2,000.00	\$1,022.00	\$2,044.00	\$2,000.00	\$4,000.00	\$1,476.00	\$2,952.00	\$1,050.00	\$2,130.00	\$1,000.00	\$3,000.00	\$809.00	\$2,427.00	\$1,500.00	\$4,500.00	\$1,188.90	\$3,566
18	12-Inch x 12-Inch Tee	EA	2	\$2,000		\$625.00	\$1,875.00	\$1,000.00	\$3,000.00	\$700.00	\$2,100.00	\$1,350.00	\$4,050.00	\$1,143.00	\$3,429.00	\$710.00		\$1,100.00	\$1,100.00	\$871.00	\$871.00	\$1,175.00	\$1,175.00	\$1,319.14	
19	12-Inch x 90 Degree Bend	EA	3	\$1,000		\$675.00	\$675.00	\$1,000.00	\$1,000.00	\$770.00	\$770.00	\$1,450.00	\$1,450.00	\$707.00	\$707.00	\$850.00	\$850.00	\$600.00	\$1,800.00	\$728.00	\$2,184.00	\$1.050.00	\$3,150.00	\$900.18	\$2,700
20	12-Inch 6-Inch Tee	_	-	\$1,000		\$395.00	\$1,185.00	\$1,000.00	\$3,000.00	\$425.00	\$1,275.00	\$400.00	\$1,200.00	\$406.00	\$1,218.00	\$480.00	\$1,440.00		\$400.00	\$360.00	\$360.00	\$500.00	\$500.00	\$737.00	\$737.
21	8-Inch x 6-Inch Reducer	EA		\$1,000		\$410.00	\$410.00	\$500.00	\$500.00	\$280.00	\$280.00	\$300.00	\$300.00	\$438.00	\$438.00	\$380.00	\$380.00	\$400.00	\$1,100.00	\$1,130.00	\$1,130.00	\$1,575.00	\$1,575.00	\$1,245.39	\$1,245
22	12-Inch x 90 Degree Bend	EA				\$4,850.00	\$4,850.00	\$1,000.00	\$1,000.00	\$5,011.00	\$5,011.00	\$725.00	\$725.00	\$1,664.00	\$1,664.00	\$885.00	\$885.00	\$2,500.00	\$2,500.00	\$3,100.00	\$3.100.00	\$2,375.00	\$2,375.00	\$4,124.46	\$4,124
23	14-Inch x 12-Inch Reducer	EA		\$1,500		\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00	\$1,470.00	\$1,470.00	\$1,500.00	\$1,500.00	\$2,290.00	\$2,290.00	\$3,000.00	\$3,000.00		\$6,000.00	\$122.00	\$9,760.00	\$115.00	\$9,200.00	\$180.00	\$14,40
24	Service Connection (2-Inch)	EA	1	\$2,000		\$106.00	\$8,480.00	\$100.00	\$8,000.00	\$160.00	\$12,800.00	\$80.00	\$6,400.00	\$325.00	\$26,000.00	\$210.00	\$16,800.00	\$75.00	\$45,000.00	\$78.00	\$46,800.00	\$115.00	\$69,000.00	\$180.00	\$108,00
25	Removal and Replace Asphalt Drive	SY	80	\$100.			\$57,000.00	\$100.00	\$60,000.00	\$140.00	\$84,000.00	\$110.00	\$66,000.00	\$180.00	\$108.000.00	\$225.00	\$135,000.00	\$75.00	\$27,300.00	\$42.00	\$17,640.00	\$38.00	\$15,960.00	\$90.00	\$37,80
26	Removal and Replace Asphalt Parking Lot	SY		\$100.		\$95.00		\$15.00	\$6,300.00	\$73.00	\$30,660.00	\$40.00	\$16,800.00	\$46.00	\$19,320.00	\$33.00	\$13,860.00	\$65.00		\$105.00	\$8,400.00	\$70.00	\$5,600.00	\$120.00	\$9,600
27	Removal and Replace Concrete Curb and Gutter		420	\$50.0	\$21,000.00	\$45.00	\$18,900.00	\$72.00	\$5,760.00	\$83.00	\$6,640.00	\$50.00	\$4,000.00	\$87.00	\$6,960.00	\$205.00	\$16.400,00	\$100.00	\$8,000.00	\$100.00	\$1,500.00	\$300.00	\$4,500.00	\$235.37	\$3,530
8	Removal and Replace Concrete Sidewalk		80	\$60.0		\$80.00	\$6,400.00	\$100.00	\$1,500.00	\$116.00	\$1,740.00	\$108.00	\$1,620.00	\$95.00	\$1,425.00	\$110.00	\$1,650.00	\$220.00	\$3,300.00	\$3,850.00	\$3,850.00	\$9,600.00	\$9,600.00	\$5,073.77	\$5,073
29	Remove and Replace Concrete Flume	SY		\$100.		\$80.00	\$1,200.00		\$500.00	\$4,700.00	\$4,700.00	\$2,000.00	\$2,000.00	\$3,725.00	\$3,725.00	\$2,650.00	\$2,650.00	\$9,500.00	\$9,500.00	\$5,00	\$50,000.00	\$3.00	\$30,000.00	\$4.20	\$42,000
30	Remove and Replace Concrete Headwall	EA		\$750.		\$5,200.00	\$5,200.00	\$500.00	\$30,000.00	\$3.00	\$30,000.00	\$2.50	\$25,000.00	\$3.16	\$31,600.00	\$3.50	\$35,000.00	\$4.75	\$47,500.00	\$56,000.00	\$56,000.00	\$10,700.00	\$10,700.00	\$27,201.05	\$27,20
1	Solid Slab Sodding		10,000	\$5.0		\$3.90	\$39,000.00	\$3.00		\$10,000.00	\$10,000.00	\$5,000.00	\$5.000.00	\$11,897.00	\$11,897.00	\$21,000.00	\$21,000.00	\$5,000.00	\$5,000.00		\$9,680.00	\$22,900.00	\$22,900.00	\$18,000.00	
32	Clearing & Grubbing	LS	1	\$10,00		\$1,850.00	\$1,850.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$13,800.00	\$13,800.00	\$9,950.00	\$9,950.00	\$30,000.00	\$30,000.00	\$9,680.00	\$23,300.00	\$12,900.00	\$12,900.00	\$14,400.00	
33	Construction Traffic Control	LS	1	\$10,00		\$15,000.00	\$15.000.00	\$10,000.00	\$10,000.00		\$7,000.00	\$15,400.00	\$15,400.00	\$33,011.00	\$33,011.00	\$12,250.00	\$12,250.00	\$18,500.00	\$18.500.00	\$23,300.00	\$12,100.00	\$20,200.00	\$20,200.00	\$21,283.30	
34	Construction Staking and As-Built Drawings	LS	1	\$5,000		\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$7,000.00	\$8,000.00	\$7,750.00	\$7,750.00	\$21,713.00	\$21,713.00	\$20,000.00	\$20,000.00	\$7,500.00	\$7,500.00	\$12,100.00	\$72,600.00	\$73,800.00	\$73,800.00	\$74,827.08	
35	Erosion Control	LS	1	\$5,000		\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00		\$25,000.00	\$65,000.00	\$65,000.00	\$65,238.00	\$65,238.00	\$33,160.00	\$33,160.00	\$65,000.00	\$65,000.00	\$72,600.00	\$690.00	\$2,800.00	\$2,800.00	\$3,000.00	
36	Mobilization and Insurance (Max 5% of Contract	LS	1	\$50,00		\$51,569.63	\$51,569.63	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$250.00	\$250.00	\$690.00	\$690.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00	\$690.00			\$1,553,133.0		\$1,571,3
37	Pre and Post Construction Video Inspection	15	1	\$2,000	00 \$2,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,800.00	\$1,345,282.00	3230.00	\$1,383,720.00	1,70,00	\$1,345,282.00		\$1,395,368.00		\$1,416,520.00)]	\$1,457,954.00	<u> </u>	4-1-20/100:0		

\$1,585,360.00

					Engineer's Estimate		H&H Plumbing & Utilities, Inc. 266 Industrial Blvd.		c. Central Contracting Services, Inc. 17301 S Sunnylane		Contractors, Inc.	Krapff Reynolds Construction Co. 2400 N.E. 4th		Downey Contracting, LLC 3217 Northeast 63rd Street		Cimarron Construction Compar 3501 NE 63rd Street Oklahoma City, OK 73121		PO Bo	enching Co., Inc. ox 15479 City, OK 73155	4M Trenching, LLC 5321 SW 11th Street Oklahoma City, OK 73128		BRB Contractors, Inc. 3805 NW 25th Street Topeka, KS 66618		W.E.B. Consruction, INC 3316 Red Maple Lane Moore, OK 73170	
LTERNATE BID				Estimate		Goldsby, OK 73093		Norman, OK 73071		Tecumseh, OK 74873		Oklahoma City, OK 73117		Oklahoma City, OK 73121		Oxidionic		UNIT PRICE		UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PR
ITEM	DESCRIPTION	HINTT	OTY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT	TOTAL PRICE	UNIT	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE			\$108.00	\$216,000.00	\$110.00	\$220,000.00	\$100.18	\$200,360.
HEM	DESCRIPTION	Olezi	4	ONTE T TOTAL				PRICE		PRICE	\$300,000.00	\$124.00	\$248,000.00	\$101.00	\$202,000.00	\$80.00	\$160,000.00	\$145.00	\$290,000.00	4		\$3.825.00	\$7,650.00	\$2,018.19	\$4,036
1	16-Inch C900 PVC, (DR-18) by Open cut	LF	2,000	\$150.00	\$300,000.00	\$51.00	\$102,000.00	\$135.00	\$270,000.00	\$150.00	4000/000.00			\$1,212.00	\$2,424.00	\$1.685.00	\$3,370.00	\$1,800.00	\$3,600.00	\$1,400.00	\$2,800.00	40/000.00	97,000.00		\$2,043
2	16-Inch x 22.5 Degree Bend	EA	2	\$2,000.00	\$4,000.00	\$1,700.00	\$3,400.00	\$1,500.00	\$3,000.00	\$1,260.00	\$2,520.00	\$1,250.00	\$2,500.00		\$1,440.00	\$875.00	\$1,750.00	\$1,450.00	\$2,900.00	\$1,010.00	\$2,020.00	\$3,425.00	\$6,850.00	\$1,021.74	
-		EA	1 5	\$3,000.00	\$5,000.00	\$2,350.00	\$4,700.00	\$1,200.00	\$2,400.00	\$513.00	\$1,026.00	\$1,250.00	\$2,500.00	\$720.00			\$4,200.00	\$75.00	\$1,500.00	\$122.00	\$2,440.00	\$115.00	\$2,300.00	\$180.00	\$3,600
3	16-Inch Plug		20	\$100.00	\$2,000.00	\$106.00	\$2,120.00	\$100.00	\$2,000.00	\$160.00	\$3,200.00	\$80.00	\$1,600.00	\$262.00	\$5,240.00	\$210.00		\$75.00	\$9,000.00	\$78.00	\$9,360.00	\$115.00	\$13,800.00	\$180.00	\$21,60
4	Removal and Replace Asphalt Drive	51	20					\$100.00	\$12,000.00	\$140.00	\$16,800.00	\$110.00	\$13,200.00	\$390.00	\$46,800.00	\$225.00	\$27,000.00				\$840.00	\$38.00	\$760.00	\$90.00	\$1,80
5	Removal and Replace Asphalt Parking Lot	SY	120	\$100.00	\$12,000.00	\$90.00	\$10,800.00					\$40.00	\$800.00	\$46.00	\$920.00	\$33.00	\$560.00	\$65.00	\$1,300.00	\$42.00		750.00	\$700.00	\$120.00	\$1,20
6	Removal and Replace Concrete Curb and Gutter	LF	20	\$50.00	\$1,000.00	\$35.00	\$700.00	\$15.00	\$300.00	\$73.00	\$1,460.00			\$87.00	\$870.00	\$205.00	\$2,050.00	\$100.00	\$1,000.00	\$105.00	\$1,050.00	\$70.00		\$120.00	\$5,04
	Removal and Replace Concrete Sidewalk	SY	10	\$60.00	\$600.00	\$80.00	\$800.00	\$100.00	\$1,000.00	\$83.00	\$830.00	\$50.00	\$500.00	\$87.00		\$3.50	\$4,200.00	\$4.75	\$5,700.00	\$5.00	\$5,000.00	\$3.25	\$3,900.00	\$4.20	
_		SV	1 200	\$5.00	\$6,000.00	\$3.90	\$4,680.00	\$3.00	\$3,600.00	\$3.00	\$3,600.00	\$2.50	\$3,000.00	\$3.16	\$3,792.00	\$3.50	\$203,230.00	-	\$315,000.00		\$240,510.00		\$255,960.00	4	\$239,6
0	Solid Slab Sodding	31	1,200	1 \$5.00	\$331,600.00	1 00.00	\$129,200.00		\$294,300.00		\$329,436.00		\$272,100.00		\$263,486.00	_	\$203,230.00	_	45 10 10 10 10 10 10 10 10 10 10 10 10 10	_					
					4332/000.00		\$1ES/EUGIGO			-	** *** *** ***	-	61 655 920 00		\$1,608,768,00		\$1,598,598.00		\$1,731,520.00	1	\$1,698,464.00		\$1,809,093.00		\$1,811,0

\$1,674,718.00

\$1,655,820.00

I, Richard Grotte, do hereby certify that the foregoing Bid Tabulation correctly reflects Each bid received on the above referenced project.

TOTAL BASE BID + ALTERNATE BID

\$1,419,460.00

\$1,427,200.00

12168

\$1,598,598.00 Downey Contracting LLC's bid included an error within their sum for the Total Base Bid. The Total Base Bid submitted was \$1,384,544.00 but the unit prices provided equates to a Corrected Total Base Bid of \$1,345,282.00