



February 15, 2024

Melissa Reynolds, P.E.
City of Seguin
108 E. Mountain St.
Seguin, TX 78155

RE: Bid Award Recommendation
Rudeloff Road from SH 46 to Huber Road
CSJ: 0915-46-045
Bid No. AF-2024-07

Dear Mrs. Reynolds:

Sealed bids were received on February 6, 2024 for the above referenced project. There was a total of seven (7) bids received. A summary of the bids is as follows:

	Base Bid	Alt 1	Total (Base + Alt)	
Engineer's Estimate	\$ 18,908,811.53	\$ 4,158,929.15	\$ 23,067,740.68	
Bidder	Base Bid	Alt 1	Total (Base + Alt)	Rank
Sterling Delaware Holding Company	\$ 13,003,472.26	\$ 2,390,816.00	\$ 15,394,288.26	1
Cash Construction Company, Inc	\$ 13,825,000.75	\$ 2,072,651.25	\$ 15,897,652.00	2
Harper Brothers Construction Co.	\$ 13,835,466.00	\$ 2,339,534.00	\$ 16,175,000.00	3
Capital Excavation	\$ 13,367,058.45	\$ 2,879,047.15	\$ 16,246,105.60	4
E-Z Bel Construction, LLC	\$ 14,485,788.05	\$ 2,479,680.06	\$ 16,965,468.11	5
Austin Engineering Co. Inc.	\$ 13,486,125.30	\$ 3,635,967.00	\$ 17,122,092.30	6
Sundt Construction, Inc.	\$ 15,719,246.64	\$ 2,967,838.56	\$ 18,687,085.20	7

The low bidder, Sterling Delaware Holding Company (Sterling), is TxDOT prequalified, and has successfully completed similar work in the past 5 years. BGE conducted reference checks on similar projects provided by Sterling with their bid package and found that they have completed those projects to the satisfaction of the Owner.

BGE completed a bid tab analysis comparing the bid prices of Sterling versus the engineer's estimate as well as a comparison of the other bidders. A copy of the bid tab including engineer's estimate and comparisons scenarios is attached.

For the bid analysis, we compared the low bidder's prices against the Engineer's estimate, the second lowest bidder's prices, and the average prices of all bidder's.

Sterling's total bid price (base plus alternate) is \$7,673,452.42 (33.3%) less than the Engineer's estimate, \$503,363.74 (3.3%) less than the second lowest bidder (Cash Construction Company, Inc.) and

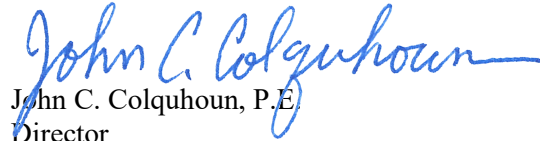
\$1,447,708.12 (9.4%) less than the average of all non-low bidders. The discrepancy between the Engineer's estimate and Sterling's price can be attributed to recent fluctuations in material pricing and the availability of recent bid prices. The Engineer's estimate was developed utilizing TxDOT average low bid unit prices from the TxDOT – San Antonio District from the last three (3) months, twelve (12) months, TxDOT – statewide three (3) month, and twelve (12) months in that order based on availability.

The estimated quantities for bid items where the low bidder's price was outside the standard deviation of the non-low bidders were re-calculated to insure there are no errors in quantities such that correcting the quantities would not result in the lowest ultimate cost to the owner. There were no errors in quantities found.

The bid prices for bid alternate number 1 also came in lower than the Engineer's estimate. See table above, and it is recommended that the bid alternate be accepted as part of the bid package.

Therefore, it is recommended that the project be awarded to Sterling Delaware Company in the amount of \$15,394,288.26 including the bid alternate.

Sincerely,



John C. Colquhoun, P.E.
Director

Bid Tabulation

RUDELOFF ROADWAY IMPROVEMENTS
BID NO. AF-2024-07
CSJ: 0915-46-045

					Engineers Estimate		Sterling Delaware Holding Company						Cash Construction Co.				Harper Brothers		Capital Excavation		
SEQ. NO.	ITEM NO	BID ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	STERLING (-) ENG EST (\$)	STERLING vs ENG %	STERLING (-) AVG NON-LOW (\$)	STERLING VS AVG. NON-LOW %	PRICE PER UNIT	AMOUNT	CASH (-) STERLING EST (\$)	STERLING vs CASH %	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	
1	100	6002	PREPARING ROW	STA	80.58	\$ 7,394.60	\$ 595,856.87	\$7,631.00	\$614,905.98	\$19,049.11	3.1%	356,642.11	58.0%	\$4,475.00	\$360,595.50	(\$254,310.48)	-41.4%	\$10,035.37	\$808,650.11	\$1,620.00	\$130,539.60
2	110	6001	EXCAVATION (ROADWAY)	CY	24,996.00	\$ 39.30	\$ 982,342.80	\$35.00	\$874,860.00	(\$107,482.80)	-12.3%	516,584.00	59.0%	\$12.00	\$299,952.00	(\$574,908.00)	-65.7%	\$15.00	\$374,940.00	\$16.00	\$399,936.00
3	132	6004	EMBANKMENT (FINAL)(DENS CONT)(TY B)	CY	7,704.00	\$ 54.96	\$ 423,420.40	\$20.00	\$154,080.00	(\$269,340.40)	-174.8%	(32,292.60)	-21.0%	\$5.00	\$38,520.00	(\$115,560.00)	-75.0%	\$18.00	\$138,672.00	\$55.00	\$423,720.00
4	160	6003	FURNISHING AND PLACING TOPSOIL (4")	SY	35,805.00	\$ 5.31	\$ 190,005.20	\$1.60	\$57,288.00	(\$132,717.20)	-231.7%	(20,110.48)	-35.1%	\$1.00	\$35,805.00	(\$21,483.00)	-37.5%	\$1.52	\$54,423.60	\$3.70	\$132,478.50
5	164	6009	BROADCAST SEED (TEMP) (WARM)	SY	17,904.00	\$ 4.52	\$ 80,926.08	\$0.19	\$3,401.76	(\$77,524.32)	-2278.9%	29.84	0.9%	\$0.25	\$4,476.00	\$1,074.24	31.6%	\$0.19	\$3,401.76	\$0.20	\$3,580.80
6	164	6011	BROADCAST SEED (TEMP) (COOL)	SY	17,904.00	\$ 4.52	\$ 80,926.08	\$0.19	\$3,401.76	(\$77,524.32)	-2278.9%	29.84	0.9%	\$0.25	\$4,476.00	\$1,074.24	31.6%	\$0.19	\$3,401.76	\$0.20	\$3,580.80
7	164	6021	CELL FBR MLCH SEED(PERM)(RURAL)(SANDY)	SY	35,805.00	\$ 2.09	\$ 74,832.45	\$0.49	\$17,544.45	(\$57,288.00)	-326.5%	(596.75)	-3.4%	\$0.50	\$17,902.50	\$358.05	2.0%	\$0.49	\$17,544.45	\$0.75	\$26,853.75
8	168	6001	VEGETATIVE WATERING	MG	578.00	\$ 61.70	\$ 35,662.60	\$34.25	\$19,796.50	(\$15,866.10)	-80.1%	(3,309.05)	-16.7%	\$46.00	\$26,588.00	\$6,791.50	34.3%	\$28.00	\$16,184.00	\$40.85	\$23,611.30
9	169	6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	SY	35,805.00	\$ 11.58	\$ 414,693.51	\$0.85	\$30,434.25	(\$384,259.26)	-1262.6%	(13,426.88)	-44.1%	\$1.00	\$35,805.00	\$5,370.75	17.6%	\$0.85	\$30,434.25	\$1.80	\$64,449.00
10	247	6041	FL BS (CMP IN PLC)(TYA GR1-2)(FNAL POS)	CY	10,072.00	\$ 80.00	\$ 805,760.00	\$78.00	\$785,616.00	(\$20,144.00)	-2.6%	94,005.33	12.0%	\$73.00	\$735,256.00	(\$50,360.00)	-6.4%	\$60.00	\$604,320.00	\$59.00	\$594,248.00
11	260	6002	LIME (HYDRATED LIME (SLURRY))	TON	100.00	\$ 335.62	\$ 33,562.00	\$475.00	\$47,500.00	\$13,938.00	29.3%	(8,500.00)	-17.9%	\$600.00	\$60,000.00	\$12,500.00	26.3%	\$500.00	\$50,000.00	\$380.00	\$38,000.00
12	260	6011	LIME TRT (EXST MATL) (12")	SY	60,373.00	\$ 6.04	\$ 364,351.06	\$8.00	\$482,984.00	\$118,632.95	24.6%	95,590.58	19.8%	\$6.00	\$362,238.00	(\$120,746.00)	-25.0%	\$6.00	\$362,238.00	\$6.50	\$392,424.50
13	310	6009	PRIME COAT (MC-30)	GAL	12,083.00	\$ 17.04	\$ 205,947.49	\$5.00	\$60,415.00	(\$145,532.49)	-240.9%	4,833.20	8.0%	\$5.00	\$60,415.00	\$0.00	0.0%	\$5.00	\$60,415.00	\$5.10	\$61,623.30
14	316	6001	ASPH (MULTI OPTION)	GAL	15,101.00	\$ 7.49	\$ 113,051.58	\$3.35	\$50,588.35	(\$62,463.23)	-123.5%	(21,393.08)	-42.3%	\$5.00	\$75,505.00	\$24,916.65	49.3%	\$5.00	\$75,505.00	\$5.10	\$77,015.10
15	316	6193	AGGR(TY-D GR-5 SAC-B)	CY	558.00	\$ 155.29	\$ 86,651.82	\$1.00	\$558.00	(\$86,093.82)	-15429.0%	(88,164.00)	-15800.0%	\$180.00	\$100,440.00	\$99,882.00	17900.0%	\$140.00	\$78,120.00	\$158.00	\$88,164.00
16	400	6005	CEM STABIL BKFL	CY	831.00	\$ 215.00	\$ 178,665.00	\$113.00	\$93,903.00	(\$84,762.00)	-90.3%	(85,316.00)	-90.9%	\$232.00	\$192,792.00	\$98,889.00	105.3%	\$203.00	\$168,693.00	\$217.00	\$180,327.00
17	402	6001	TRENCH EXCAVATION PROTECTION	LF	2,442.00	\$ 50.00	\$ 122,100.00	\$1.00	\$2,442.00	(\$119,658.00)	-4900.0%	(10,215.70)	-418.3%	\$0.25	\$610.50	(\$1,831.50)	-75.0%	\$3.00	\$7,326.00	\$7.35	\$17,948.70
18	403	6001	TEMPORARY SPL SHORING	SF	2,808.00	\$ 4.94	\$ 13,871.52	\$24.00	\$67,392.00	\$53,520.48	79.4%	(2,246.40)	-3.3%	\$26.00	\$73,008.00	\$5,616.00	8.3%	\$35.00	\$98,280.00	\$21.80	\$61,214.40
19	416	6030	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	6.00	\$ 237.50	\$ 1,425.00	\$181.00	\$1,086.00	(\$339.00)	-31.2%	(921.00)	-84.8%	\$461.00	\$2,766.00	\$1,680.00	154.7%	\$181.00	\$1,086.00	\$209.00	\$1,254.00
20	416	6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	14.00	\$ 480.00	\$ 6,720.00	\$186.00	\$2,604.00	(\$4,116.00)	-158.1%	(1,894.67)	-72.8%	\$591.00	\$8,274.00	\$5,670.00	217.7%	\$186.00	\$2,604.00	\$215.00	\$3,010.00
21	432	6001	RIPRAP (CONC)(4 IN)	CY	470.00	\$ 563.27	\$ 264,735.33	\$576.00	\$270,720.00	\$5,984.67	2.2%	(34,231.67)	-12.6%	\$699.00	\$328,530.00	\$57,810.00	21.4%	\$664.00	\$312,080.00	\$530.00	\$249,100.00
22	432	6002	RIPRAP (CONC)(5 IN)	CY	131.00	\$ 604.80	\$ 79,228.80	\$587.00	\$76,897.00	(\$2,331.80)	-3.0%	(13,187.33)	-17.1%	\$809.00	\$105,979.00	\$29,082.00	37.8%	\$652.00	\$85,412.00	\$550.00	\$72,050.00
23	450	6032	RAIL (TY C223)	LF	773.00	\$ 210.50	\$ 162,716.50	\$161.00	\$124,453.00	(\$38,263.50)	-30.7%	(63,386.00)	-50.9%	\$258.00	\$199,434.00	\$74,981.00	60.2%	\$184.00	\$142,232.00	\$227.00	\$175,471.00
24	462	6001	CONC BOX CULV (3 FT X 2 FT)	LF	606.00	\$ 568.08	\$ 344,256.48	\$303.00	\$183,618.00	(\$160,638.48)	-87.5%	(39,996.00)	-21.8%	\$292.00	\$176,952.00	(\$6,666.00)	-3.6%	\$300.00	\$181,800.00	\$320.00	\$193,920.00
25	462	6002	CONC BOX CULV (3 FT X 3 FT)	LF	254.00	\$ 475.00	\$ 120,650.00	\$352.00	\$89,408.00	(\$31,242.00)	-34.9%	(13,504.33)	-15.1%	\$319.00	\$81,026.00	(\$8,382.00)	-9.4%	\$400.00	\$101,600.00	\$350.00	\$88,900.00
26	462	6004	CONC BOX CULV (4 FT X 3 FT)	LF	543.00	\$ 619.05	\$ 336,144.15	\$396.00	\$215,028.00	(\$121,116.15)	-56.3%	(39,820.00)	-18.5%	\$351.00	\$190,593.00	(\$24,435.00)	-11.4%	\$450.00	\$244,350.00	\$400.00	\$217,200.00
27	462	6010	CONC BOX CULV (6 FT X 3 FT)	LF	1,289.00	\$ 573.64	\$ 739,421.96	\$559.00	\$720,551.00	(\$18,870.96)	-2.6%	(110,854.00)	-15.4%	\$517.00	\$666,413.00	(\$54,138.00)	-7.5%	\$550.00	\$708,950.00	\$520.00	\$670,280.00
28	462	6014	CONC BOX CULV (7 FT X 3 FT)	LF	328.00	\$ 741.54	\$ 243,225.12	\$703.00	\$230,584.00	(\$12,641.12)	-5.5%	(33,893.33)	-14.7%	\$810.00	\$265,680.00	\$35,096.00	15.2%	\$650.00	\$213,200.00	\$800.00	\$262,400.00
29	462	6040	CONC BOX CULV (12 FT X 4 FT)	LF	378.00	\$ 1,355.70	\$ 512,452.71	\$1,107.00	\$418,446.00	(\$94,006.71)	-22.5%	(227,304.00)	-54.3%	\$1,560.00	\$589,680.00	\$171,234.00	40.9%	\$1,600.00	\$604,800.00	\$1,600.00	\$604,800.00
30	462	6099	CONC BOX CULV (6 FT X 2 FT)	LF	356.00	\$ 549.18	\$ 195,508.08	\$462.00	\$164,472.00	(\$31,036.08)	-18.9%	(45,746.00)	-27.8%	\$463.00	\$164,828.00	\$356.00	0.2%	\$600.00	\$213,600.00	\$510.00	\$181,560.00
31	462	6101																			

Bid Tabulation

RUDELOFF ROADWAY IMPROVEMENTS
BID NO. AF-2024-07
CSJ: 0915-46-045

					Engineers Estimate		Sterling Delaware Holding Company						Cash Construction Co.				Harper Brothers		Capital Excavation		
SEQ. NO.	ITEM NO	BID ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	STERLING (-) ENG EST (\$)	STERLING VS ENG EST %	STERLING (-) AVG NON-LOW (\$)	STERLING VS AVG. NON-LOW %	PRICE PER UNIT	AMOUNT	CASH (-) STERLING EST (\$)	STERLING vs CASH EST %	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	
70	531	6002	CONC SIDEWALKS (5")	SY	16,840.00	\$ 55.00	\$ 926,200.00	\$50.00	\$842,000.00	(\$84,200.00)	-10.0%	(381,706.67)	-45.3%	\$74.00	\$1,246,160.00	\$404,160.00	48.0%	\$75.00	\$1,263,000.00	\$52.00	\$875,680.00
71	531	6004	CURB RAMPS (TY 1)	EA	6.00	\$ 2,575.00	\$ 15,450.00	\$1,900.00	\$11,400.00	(\$4,050.00)	-35.5%	(4,404.00)	-38.6%	\$844.00	\$5,064.00	(\$6,336.00)	-55.6%	\$1,850.00	\$11,100.00	\$2,210.00	\$13,260.00
72	531	6010	CURB RAMPS (TY 7)	EA	11.00	\$ 2,616.66	\$ 28,783.30	\$2,250.00	\$24,750.00	(\$4,033.30)	-16.3%	(5,819.00)	-23.5%	\$844.00	\$9,284.00	(\$15,466.00)	-62.5%	\$1,650.00	\$18,150.00	\$2,180.00	\$23,980.00
73	536	6002	CONC MEDIAN	SY	528.00	\$ 99.00	\$ 52,272.00	\$58.00	\$30,624.00	(\$21,648.00)	-70.7%	(25,546.40)	-83.4%	\$75.00	\$39,600.00	\$8,976.00	29.3%	\$134.00	\$70,752.00	\$84.30	\$44,510.40
74	560	6007	MAILBOX INSTALL-S (WC-POST) TY 3	EA	6.00	\$ 239.52	\$ 1,437.11	\$275.00	\$1,650.00	\$212.89	12.9%	(145.00)	-8.8%	\$326.00	\$1,956.00	\$306.00	18.5%	\$275.00	\$1,650.00	\$320.00	\$1,920.00
75	560	6008	MAILBOX INSTALL-D (WC-POST) TY 3	EA	1.00	\$ 272.18	\$ 272.18	\$315.00	\$315.00	\$42.82	13.6%	(33.33)	-10.6%	\$373.00	\$373.00	\$58.00	18.4%	\$315.00	\$315.00	\$360.00	\$360.00
76	618	6046	CONDT (PVC) (SCH 80) (2")	LF	38.00	\$ 25.00	\$ 950.00	\$22.00	\$836.00	(\$114.00)	-13.6%	(699.20)	-83.6%	\$46.00	\$1,748.00	\$912.00	109.1%	\$22.00	\$836.00	\$25.40	\$965.20
77	618	6053	CONDT (PVC) (SCH 80) (3")	LF	46.00	\$ 33.00	\$ 1,518.00	\$30.00	\$1,380.00	(\$138.00)	-10.0%	(825.32)	-59.8%	\$65.00	\$2,990.00	\$1,610.00	116.7%	\$30.00	\$1,380.00	\$34.65	\$1,593.90
78	620	6009	ELEC CONDR (NO.6) BARE	LF	84.00	\$ 1.75	\$ 147.00	\$1.60	\$134.40	(\$12.60)	-9.4%	(134.40)	-100.0%	\$3.00	\$252.00	\$117.60	87.5%	\$1.60	\$134.40	\$1.85	\$155.40
79	624	6010	GROUND BOX TY D (162922)W/APRON	EA	2.00	\$ 1,400.00	\$ 2,800.00	\$1,294.00	\$2,588.00	(\$212.00)	-8.2%	(1,103.33)	-42.6%	\$2,590.00	\$5,180.00	\$2,592.00	100.2%	\$1,294.00	\$2,588.00	\$1,490.00	\$2,980.00
80	636	6002	ALUMINUM SIGNS (TY G)	SF	10.00	\$ 33.00	\$ 330.00	\$35.00	\$350.00	\$20.00	5.7%	(1,344.00)	-384.0%	\$191.00	\$1,910.00	\$1,560.00	445.7%	\$35.00	\$350.00	\$40.40	\$404.00
81	636	6003	ALUMINUM SIGNS (TY O)	SF	22.00	\$ 31.89	\$ 701.58	\$20.00	\$440.00	(\$261.58)	-59.5%	(869.37)	-197.6%	\$44.00	\$968.00	\$528.00	120.0%	\$20.00	\$440.00	\$23.10	\$508.20
82	644	6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	11.00	\$ 842.17	\$ 9,263.83	\$695.00	\$7,645.00	(\$1,618.83)	-21.2%	(1,263.17)	-16.5%	\$824.00	\$9,064.00	\$1,419.00	18.6%	\$695.00	\$7,645.00	\$800.00	\$8,800.00
83	644	6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	1.00	\$ 902.00	\$ 902.00	\$975.00	\$975.00	\$73.00	7.5%	(110.83)	-11.4%	\$1,160.00	\$1,160.00	\$185.00	19.0%	\$975.00	\$975.00	\$1,130.00	\$1,130.00
84	644	6007	IN SM RD SN SUP&AM TY10BWG(1)SA(U)	EA	1.00	\$ 918.75	\$ 918.75	\$1,200.00	\$1,200.00	\$281.25	23.4%	(118.33)	-9.9%	\$1,420.00	\$1,420.00	\$220.00	18.3%	\$1,200.00	\$1,200.00	\$1,390.00	\$1,390.00
85	644	6060	IN SM RD SN SUP&AM TYTWT(1)WS(P)	EA	53.00	\$ 515.00	\$ 27,295.00	\$325.00	\$17,225.00	(\$10,070.00)	-58.5%	(2,049.33)	-11.9%	\$385.00	\$20,405.00	\$3,180.00	18.5%	\$325.00	\$17,225.00	\$380.00	\$20,140.00
86	662	6004	WK ZN PAV MRK NON-REMOV (W)4"(SLD)	LF	33,692.00	\$ 0.15	\$ 5,053.80	\$0.30	\$10,107.60	\$5,053.80	50.0%	(4,941.49)	-48.9%	\$0.50	\$16,846.00	\$6,738.40	66.7%	\$0.31	\$10,444.52	\$0.35	\$11,792.20
87	662	6034	WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	LF	33,692.00	\$ 0.22	\$ 7,243.78	\$0.30	\$10,107.60	\$2,863.82	28.3%	(4,941.49)	-48.9%	\$0.50	\$16,846.00	\$6,738.40	66.7%	\$0.31	\$10,444.52	\$0.35	\$11,792.20
88	662	6109	WK ZN PAV MRK SHT TERM (TAB)TY W	EA	2,052.00	\$ 1.90	\$ 3,898.80	\$0.66	\$1,354.32	(\$2,544.48)	-187.9%	(3,355.02)	-247.7%	\$2.00	\$4,104.00	\$2,749.68	203.0%	\$1.57	\$3,221.64	\$2.45	\$5,027.40
89	662	6111	WK ZN PAV MRK SHT TERM (TAB)TY Y-2	EA	2,978.00	\$ 1.78	\$ 5,290.91	\$0.69	\$2,054.82	(\$3,236.09)	-157.5%	(4,581.16)	-222.9%	\$2.00	\$5,956.00	\$3,901.18	189.9%	\$1.57	\$4,675.46	\$2.45	\$7,296.10
90	666	6035	REFL PAV MRK TY I (W)8"(SLD)(090MIL)	LF	2,345.00	\$ 1.49	\$ 3,505.54	\$0.90	\$2,110.50	(\$1,395.04)	-66.1%	(1,109.97)	-52.6%	\$2.00	\$4,690.00	\$2,579.50	122.2%	\$0.94	\$2,204.30	\$1.00	\$2,345.00
91	666	6167	REFL PAV MRK TY II (W) 4" (BRK)	LF	3,130.00	\$ 0.26	\$ 813.80	\$0.22	\$688.60	(\$125.20)	-18.2%	(464.28)	-67.4%	\$0.50	\$1,565.00	\$876.40	127.3%	\$0.23	\$719.90	\$0.25	\$782.50
92	666	6170	REFL PAV MRK TY II (W) 4" (SLD)	LF	15,234.00	\$ 0.11	\$ 1,675.74	\$0.20	\$3,046.80	\$1,371.06	45.0%	(1,040.99)	-34.2%	\$0.25	\$3,808.50	\$761.70	25.0%	\$0.21	\$3,199.14	\$0.25	\$3,808.50
93	666	6178	REFL PAV MRK TY II (W) 8" (SLD)	LF	2,345.00	\$ 2.00	\$ 4,690.00	\$0.30	\$703.50	(\$3,986.50)	-566.7%	(437.73)	-62.2%	\$0.50	\$1,172.50	\$469.00	66.7%	\$0.31	\$726.95	\$0.35	\$820.75
94	666	6205	REFL PAV MRK TY II (Y) 4" (BRK)	LF	3,519.00	\$ 0.14	\$ 492.66	\$0.22	\$774.18	\$281.52	36.4%	(967.73)	-125.0%	\$1.00	\$3,519.00	\$2,744.82	354.5%	\$0.23	\$809.37	\$0.25	\$879.75
95	666	6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF	19,172.00	\$ 0.56	\$ 10,736.32	\$0.20	\$3,834.40	(\$6,901.92)	-180.0%	(1,661.57)	-43.3%	\$0.25	\$4,793.00	\$958.60	25.0%	\$0.21	\$4,026.12	\$0.25	\$4,793.00
96	666	6299	RE PM W/RET REQ TY I (W)4"(BRK)(090MIL)	LF	3,130.00	\$ 0.29	\$ 907.70	\$0.53	\$1,658.90	\$751.20	45.3%	(740.77)	-44.7%	\$1.00	\$3,130.00	\$1,471.10	88.7%	\$0.55	\$1,721.50	\$0.60	\$1,878.00
97	666	6302	RE PM W/RET REQ TY I (W)4"(SLD)(090MIL)	LF	15,234.00	\$ 0.34	\$ 5,179.56	\$0.50	\$7,617.00	\$2,437.44	32.0%	(3,529.21)	-46.3%	\$1.00	\$15,234.00	\$7,617.00	100.0%	\$0.52	\$7,921.68	\$0.55	\$8,378.70
98	666	6311	RE PM W/RET REQ TY I (Y)4"(BRK)(090MIL)	LF	3,519.00	\$ 0.32	\$ 1,126.08	\$0.53	\$1,865.07	\$738.99	39.6%	(1,835.75)	-98.4%	\$2.00	\$7,038.00	\$5,172.93	277.4%	\$0.55	\$1,935.45	\$0.60	\$2,111.40
99	666	6314	RE PM W/RET REQ TY I (Y)4"(SLD)(090MIL)	LF	19,172.00	\$ 0.36	\$ 6,901.92	\$0.50	\$9,586.00	\$2,684.08	28.0%	(5,719.65)	-59.7%	\$1.00	\$19,172.00	\$9,586.00	100.0%	\$0.52	\$9,969.44	\$0.55	\$10,544.60
100	668	6076	PREFAB PAV MRK TY C (W) (24") (SLD)	LF	538.00	\$ 11.00	\$ 5,918.00	\$12.00	\$6,456.00	\$538.00	8.3%	(3,721.17)	-57.6%	\$30.00	\$16,140.00	\$9,684.00	150.0%	\$13.00	\$6,994.00	\$13.50	\$7,263.00
101	668	6077	PREFAB PAV MRK TY C (W) (ARROW)	EA	14.00	\$ 215.00	\$ 3,010.00	\$225.00	\$3,150.00	\$140.00	4.4%	(711.67)	-22.6%	\$350.00	\$4,900.00	\$1,750.00	55.6%	\$235.00	\$3,290.00	\$250.00	\$3,500.00
102	668	6085	PREFAB PAV MRK TY C (W) (WORD)	EA	14.00	\$ 310.00	\$ 4,340.00	\$265.00	\$3,710.00	(\$630.00)	-17.0%	(693.00)	-18.7%	\$373.00	\$5,222.00	\$1,512.00	40.8%	\$277.00	\$3,878.00	\$300.00	\$4,200.00
103	668	6092	PREFAB PAV MRK TY C (W) (36") (YLD TRI)	EA	6.00	\$ 28.00	\$ 168.00	\$50.0.													

Bid Tabulation

RUDELOFF ROADWAY IMPROVEMENTS
BID NO. AF-2024-07
CSJ: 0915-46-045

SEQ. NO.	ITEM NO	BID ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	Engineers Estimate		Sterling Delaware Holding Company						Cash Construction Co.				Harper Brothers		Capital Excavation	
					PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	STERLING (-) ENG EST (\$)	STERLING vs ENG EST %	STERLING (-) AVG NON-LOW (\$)	STERLING VS AVG. NON-LOW %	PRICE PER UNIT	AMOUNT	CASH (-) STERLING EST (\$)	STERLING vs CASH EST %	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT
3	501	6001 BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	5.00	\$ 3,607.07	\$ 18,035.34	\$ 6,540.00	\$ 32,700.00	\$14,664.66	81.3%	(14,635.10)	-44.8%	\$ 5,600.00	\$ 28,000.00	(\$4,700.00)	-14.4%	\$ 11,928.00	\$ 59,640.00	\$ 17,900.00	\$ 89,500.00
4	7196	6001 TRENCH EXCAVATION PROTECTION	LF	9,793.00	\$ 0.50	\$ 4,896.50	\$ 1.00	\$ 9,793.00	\$4,896.50	100.0%	(33,256.23)	-339.6%	\$ 0.25	\$ 2,448.25	(\$7,344.75)	-75.0%	\$ 2.00	\$ 19,586.00	\$ 4.55	\$ 44,558.15
5	7196	6002 DUCTILE IRON FITTINGS	TON	5.98	\$ 10,000.00	\$ 59,800.00	\$ 11,500.00	\$ 68,770.00	\$8,970.00	15.0%	(181,618.22)	-264.1%	\$ 29,000.00	\$ 173,420.00	\$104,650.00	152.2%	\$ 17,500.00	\$ 104,650.00	\$ 29,900.00	\$ 178,802.00
6	7196	6003 HYDROSTATIC PRESSURE TEST	EA	9.00	\$ 3,500.00	\$ 31,500.00	\$ 4,200.00	\$ 37,800.00	\$6,300.00	20.0%	8,429.88	22.3%	\$ 2,710.00	\$ 24,390.00	(\$13,410.00)	-35.5%	\$ 2,998.00	\$ 26,982.00	\$ 3,670.00	\$ 33,030.00
7	7196	6004 TEMPORARY BLOW-OFF(COMPLETE)(2")	EA	9.00	\$ 2,800.00	\$ 25,200.00	\$ 1,630.00	\$ 14,670.00	(\$10,530.00)	-41.8%	(2,330.45)	-15.9%	\$ 1,380.00	\$ 12,420.00	(\$2,250.00)	-15.3%	\$ 1,930.00	\$ 17,370.00	\$ 2,540.00	\$ 22,860.00
8	7196	6005 FLOWABLE FILL BACKFILL	CY	465.00	\$ 250.00	\$ 116,250.00	\$ 113.00	\$ 52,545.00	(\$63,705.00)	-54.8%	(52,307.76)	-99.5%	\$ 238.00	\$ 110,670.00	\$58,125.00	110.6%	\$ 165.00	\$ 76,725.00	\$ 223.00	\$ 103,695.00
9	7196	6006 PIPE WATER MAIN (PVC)(8")	LF	6,978.00	\$ 180.00	\$ 1,256,040.00	\$ 77.00	\$ 537,306.00	(\$718,734.00)	-57.2%	(51,266.94)	-9.5%	\$ 66.00	\$ 460,548.00	(\$76,758.00)	-14.3%	\$ 80.00	\$ 558,240.00	\$ 115.00	\$ 802,470.00
10	7196	6009 TIE-IN (COMPLETE)(8")	EA	5.00	\$ 6,500.00	\$ 32,500.00	\$ 3,770.00	\$ 18,850.00	(\$13,650.00)	-42.0%	(9,431.02)	-50.0%	\$ 2,380.00	\$ 11,900.00	(\$6,950.00)	-36.9%	\$ 5,849.00	\$ 29,245.00	\$ 8,400.00	\$ 42,000.00
11	7196	6024 RECONNECT SHORT SERVICE (3/4")	EA	1.00	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	(\$1,000.00)	-40.0%	(1,196.41)	-79.8%	\$ 2,310.00	\$ 2,310.00	\$810.00	54.0%	\$ 2,822.00	\$ 2,822.00	\$ 3,350.00	\$ 3,350.00
12	7196	6030 GATE VALVE AND BOX (COMPLETE) (16")	EA	5.00	\$ 14,900.00	\$ 74,500.00	\$ 16,000.00	\$ 80,000.00	\$5,500.00	7.4%	17,889.80	22.4%	\$ 11,500.00	\$ 57,500.00	(\$22,500.00)	-28.1%	\$ 12,182.00	\$ 60,910.00	\$ 11,900.00	\$ 59,500.00
13	7196	6031 NEW METER BOX	EA	1.00	\$ 1,066.51	\$ 1,066.51	\$ 600.00	\$ 600.00	(\$466.51)	-43.7%	(546.78)	-91.1%	\$ 295.00	\$ 295.00	(\$305.00)	-50.8%	\$ 1,046.00	\$ 1,046.00	\$ 1,710.00	\$ 1,710.00
14	7196	6032 FIRE HYDRANT ASSEMBLY	EA	29.00	\$ 13,976.84	\$ 405,328.26	\$ 10,100.00	\$ 292,900.00	(\$112,428.26)	-27.7%	40,940.90	14.0%	\$ 6,900.00	\$ 200,100.00	(\$92,800.00)	-31.7%	\$ 6,963.00	\$ 201,927.00	\$ 8,300.00	\$ 240,700.00
15	7196	6033 TIE-IN (COMPLETE)(6")	EA	3.00	\$ 3,500.00	\$ 10,500.00	\$ 2,100.00	\$ 6,300.00	(\$4,200.00)	-40.0%	(9,619.59)	-152.7%	\$ 2,230.00	\$ 6,690.00	\$390.00	6.2%	\$ 5,766.00	\$ 17,298.00	\$ 8,200.00	\$ 24,600.00
16	7196	6045 WATER MAIN BREAKS LEAK REPAIR	EA	4.00	\$ 12,250.00	\$ 49,000.00	\$ 1,700.00	\$ 6,800.00	(\$42,200.00)	-86.1%	(18,586.78)	-273.3%	\$ 1,470.00	\$ 5,880.00	(\$920.00)	-13.5%	\$ 6,391.00	\$ 25,564.00	\$ 6,000.00	\$ 24,000.00
17	7196	6046 STEEL CASING (24") (OPEN CUT)	LF	1,400.00	\$ 370.00	\$ 518,000.00	\$ 230.00	\$ 322,000.00	(\$196,000.00)	-37.8%	19,657.14	6.1%	\$ 145.00	\$ 203,000.00	(\$119,000.00)	-37.0%	\$ 271.00	\$ 379,400.00	\$ 260.00	\$ 364,000.00
18	7196	6049 PIPE WATER MAIN (PVC)(16")	LF	1,209.00	\$ 250.00	\$ 302,250.00	\$ 230.00	\$ 278,070.00	(\$24,180.00)	-8.0%	84,284.57	30.3%	\$ 135.00	\$ 163,215.00	(\$114,855.00)	-41.3%	\$ 126.00	\$ 152,334.00	\$ 188.00	\$ 227,292.00
19	7196	6050 CARRIER PIPE (OPEN CUT) (PVC) (16")	LF	206.00	\$ 190.00	\$ 39,140.00	\$ 210.00	\$ 43,260.00	\$4,120.00	10.5%	(1,782.53)	-4.1%	\$ 178.00	\$ 36,668.00	(\$6,592.00)	-15.2%	\$ 145.00	\$ 29,870.00	\$ 179.00	\$ 36,874.00
20	7196	6051 STEEL CASING (30") (OPEN CUT)	LF	206.00	\$ 500.00	\$ 103,000.00	\$ 280.00	\$ 57,680.00	(\$45,320.00)	-44.0%	1,345.31	2.3%	\$ 215.00	\$ 44,290.00	(\$13,390.00)	-23.2%	\$ 354.00	\$ 72,924.00	\$ 320.00	\$ 65,920.00
21	7196	6072 RELOC EXIST METER AND NEW METER BOX	EA	1.00	\$ 1,933.03	\$ 1,933.03	\$ 1,200.00	\$ 1,200.00	(\$733.03)	-37.9%	(216.98)	-18.1%	\$ 902.00	\$ 902.00	(\$298.00)	-24.8%	\$ 1,121.00	\$ 1,121.00	\$ 1,870.00	\$ 1,870.00
22	7196	6074 GATE VALVE AND BOX (COMPLETE) (8")	EA	32.00	\$ 3,800.00	\$ 121,600.00	\$ 3,000.00	\$ 96,000.00	(\$25,600.00)	-21.1%	(12,591.02)	-13.1%	\$ 2,590.00	\$ 82,880.00	(\$13,120.00)	-13.7%	\$ 3,834.00	\$ 122,688.00	\$ 3,760.00	\$ 120,320.00
23	7196	6088 TAPPED FIRE HYDRANT	EA	6.00	\$ 18,249.85	\$ 109,499.10	\$ 13,800.00	\$ 82,800.00	(\$26,699.10)	-24.4%	(776.82)	-0.9%	\$ 11,000.00	\$ 66,000.00	(\$16,800.00)	-20.3%	\$ 13,590.00	\$ 81,540.00	\$ 17,000.00	\$ 102,000.00
24	7196	6095 CUT-IN TEE (COMPLETE) (8"x8")	EA	1.00	\$ 8,295.39	\$ 8,295.39	\$ 9,600.00	\$ 9,600.00	\$1,304.61	15.7%	3,854.69	40.2%	\$ 2,710.00	\$ 2,710.00	(\$6,890.00)	-71.8%	\$ 3,160.00	\$ 3,160.00	\$ 9,400.00	\$ 9,400.00
25	7196	6118 CARRIER PIPE (OPEN CUT) (PVC) (8")	LF	1,400.00	\$ 160.00	\$ 224,000.00	\$ 95.00	\$ 133,000.00	(\$91,000.00)	-40.6%	(4,022.86)	-3.0%	\$ 61.00	\$ 85,400.00	(\$47,600.00)	-35.8%	\$ 100.00	\$ 140,000.00	\$ 83.60	\$ 117,040.00
26	7196	XXXX 6"x6" TAPPING SLEEVE, VALVE, AND BOX (COMPLETE)	EA	2.00	\$ 11,000.00	\$ 22,000.00	\$ 5,300.00	\$ 10,600.00	(\$11,400.00)	-51.8%	(17,095.51)	-161.3%	\$ 5,330.00	\$ 10,660.00	\$60.00	0.6%	\$ 8,895.00	\$ 17,790.00	\$ 10,500.00	\$ 21,000.00
27	7196	XXXX 8"x8" TAPPING SLEEVE, VALVE, AND BOX (COMPLETE)	EA	1.00	\$ 15,000.00	\$ 15,000.00	\$ 6,200.00	\$ 6,200.00	(\$8,800.00)	-58.7%	(9,582.04)	-154.5%	\$ 6,290.00	\$ 6,290.00	\$90.00	1.5%	\$ 9,695.00	\$ 9,695.00	\$ 11,400.00	\$ 11,400.00
28	7196	XXXX RELOCATE SHORT SERVICE (3/4")	EA	1.00	\$ 3,600.00	\$ 3,600.00	\$ 2,200.00	\$ 2,200.00	(\$1,400.00)	-38.9%	(838.37)	-38.1%	\$ 1,720.00	\$ 1,720.00	(\$480.00)	-21.8%	\$ 2,101.00	\$ 2,101.00	\$ 4,610.00	\$ 4,610.00
29	7196	XXXX CUSTOMER SHUT OFF VALVE	EA	1.00	\$ 400.00	\$ 400.00	\$ 100.00	\$ 100.00	(\$300.00)	-75.0%	(627.43)	-627.4%	\$ 407.00	\$ 407.00	\$307.00	307.0%	\$ 1,284.00	\$ 1,284.00	\$ 590.00	\$ 590.00
30	7196	XXXX SHORT YARD PIPING	LF	72.00	\$ 80.00	\$ 5,760.00	\$ 45.00	\$ 3,240.00	(\$2,520.00)	-43.8%	(1,716.24)	-53.0%	\$ 128.00	\$ 9,216.00	\$5,976.00	184.4%	\$ 34.00	\$ 2,448.00	\$ 125.00	\$ 9,000.00
31	7196	XXXX TIE-IN (COMPLETE) (2")	EA	1.00	\$ 3,000.00	\$ 3,000.00	\$ 1,600.00	\$ 1,600.00	(\$1,400.00)	-46.7%	(482.61)	-30.2%	\$ 162.00	\$ 162.00	(\$1,438.00)	-89.9%	\$ 5.00	\$ 5.00	\$ 2,550.00	\$ 2,550.00
32	7196	XXXX HYDRA-STOP IVP 250 VALVE INSERTION SYSTEM, 6"	EA	1.00	\$ 24,000.00	\$ 24,000.00	\$ 11,800.00	\$ 11,800.00	(\$12,200.00)	-50.8%	(2,815.51)	-23.9%	\$ 10,410.00	\$ 10,410.00	(\$1,390.00)	-11.8%	\$ 12,995.00	\$ 12,995.00	\$ 15,300.00	\$ 15,300.00
33	7196	XXXX INDICATOR POST (COMPLETE), 6"	EA	1.00	\$ 4,000.00	\$ 4,000.00	\$ 4,600.00	\$ 4,600.00	\$600.00	15.0%	830.53	18.1%	\$ 3,710.00	\$ 3,710.00	(\$890.00)	-19.3%	\$ 5,383.00	\$ 5,383.00	\$ 2,100.00	\$ 2,100.00
34	7196	XXXX INDICATOR POST (COMPLETE), 8"	EA	4.00	\$ 4,400.00	\$ 17,600.00	\$ 5,500.00	\$ 22,000.00	\$4,400.00	25.0%	5,488.33	24.9%	\$ 4,450.00	\$ 17,800.00	(\$4,200.00)	-19.1%	\$ 6,026.00	\$ 24,104.00	\$ 2,100.00	\$ 8,400.00
35	7196	XXXX SEALED FLOOR VALVE BOX W/ VALVE POSITION INDICA	EA	1.00	\$ 1,800.00	\$ 1,800.00	\$ 4,000.00	\$ 4,000.00	\$2,200.00	122.2%	(574.69)	-14.4%	\$ 3,180.00	\$ 3,180.00	(\$820.00)	-20.5%	\$ 4,735.00	\$ 4,735.00	\$ 1,180.00	\$ 1,180.00
TOTAL ALT 1						\$4,158,929.15		\$2,390,816.00		-\$1,768,113.15		-43%		\$2,072,651.25	(\$318,164.75)	-13.3%		\$2,339,534.00		\$2,879,047.15
TOTAL PROJECT						\$23,067,740.68		\$15,394,288.26		-\$7,673,452.42		-33.3%		\$15,897,652.00	\$503,363.74	3.3%		\$16,175,000.00		\$16,246,105.60

Bid Tabulation

RUDELOFF ROADWAY IMPROVEMENTS
BID NO. AF-2024-07
CSJ: 0915-46-045

					Ez-Bel Construction		Austin Engineering Co.		Sundt		Average (All Bidders)		Average (Non-Low Bidders)		STANDARD DEVIATION					
SEQ. NO.	ITEM NO	BID ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	NON-LOW BIDDERS	LOW END	HIGH END	STERLING		
1	100	6002	PREPARING ROW	STA	80.58	\$1,000.00	\$80,580.00	\$1,250.00	\$100,725.00	\$850.00	\$68,493.00	\$3,837.34	\$309,212.74	\$3,205.06	\$258,263.87	\$	3,291.63	-\$86.57	\$6,496.70	HIGH
2	110	6001	EXCAVATION (ROADWAY)	CY	24,996.00	\$12.00	\$299,952.00	\$12.00	\$299,952.00	\$19.00	\$474,924.00	\$17.29	\$432,073.71	\$14.33	\$358,276.00	\$	2.62	\$11.71	\$16.96	HIGH
3	132	6004	EMBANKMENT (FINAL)(DENS CONT)(TY B)	CY	7,704.00	\$2.15	\$16,563.60	\$35.00	\$269,640.00	\$30.00	\$231,120.00	\$23.59	\$181,759.37	\$24.19	\$186,372.60	\$	18.22	\$5.97	\$42.41	
4	160	6003	FURNISHING AND PLACING TOPSOIL (4")	SY	35,805.00	\$1.50	\$53,707.50	\$3.00	\$107,415.00	\$2.25	\$80,561.25	\$2.08	\$74,525.55	\$2.16	\$77,398.48	\$	0.94	\$1.22	\$3.10	
5	164	6009	BROADCAST SEED (TEMP) (WARM)	SY	17,904.00	\$0.10	\$1,790.40	\$0.20	\$3,580.80	\$0.19	\$3,401.76	\$0.19	\$3,376.18	\$0.19	\$3,371.92	\$	0.04	\$0.14	\$0.23	
6	164	6011	BROADCAST SEED (TEMP) (COOL)	SY	17,904.00	\$0.10	\$1,790.40	\$0.20	\$3,580.80	\$0.19	\$3,401.76	\$0.19	\$3,376.18	\$0.19	\$3,371.92	\$	0.04	\$0.14	\$0.23	
7	164	6021	CELL FBR MLCH SEED(PERM)(RURAL)(SANDY)	SY	35,805.00	\$0.15	\$5,370.75	\$0.50	\$17,902.50	\$0.65	\$23,273.25	\$0.50	\$18,055.95	\$0.51	\$18,141.20	\$	0.19	\$0.32	\$0.69	
8	168	6001	VEGETATIVE WATERING	MG	578.00	\$50.00	\$28,900.00	\$50.00	\$28,900.00	\$25.00	\$14,450.00	\$39.16	\$22,632.83	\$39.98	\$23,105.55	\$	10.05	\$29.93	\$50.02	
9	169	6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	SY	35,805.00	\$1.15	\$41,175.75	\$1.00	\$35,805.00	\$1.55	\$55,497.75	\$1.17	\$41,943.00	\$1.23	\$43,861.13	\$	0.34	\$0.89	\$1.56	LOW
10	247	6041	FL BS (CMP IN PLC)(TYA GR1-2)(FNAL POS)	CY	10,072.00	\$58.00	\$584,176.00	\$105.00	\$1,057,560.00	\$57.00	\$574,104.00	\$70.00	\$705,040.00	\$68.67	\$691,610.67	\$	17.11	\$51.55	\$85.78	
11	260	6002	LIME (HYDRATED LIME (SLURRY))	TON	100.00	\$430.00	\$43,000.00	\$1,000.00	\$100,000.00	\$450.00	\$45,000.00	\$547.86	\$54,785.71	\$560.00	\$56,000.00	\$	208.25	\$351.75	\$768.25	
12	260	6011	LIME TRT (EXST MATL) (12")	SY	60,373.00	\$5.50	\$332,051.50	\$4.50	\$271,678.50	\$10.00	\$603,730.00	\$6.64	\$401,049.21	\$6.42	\$387,393.42	\$	1.72	\$4.70	\$8.13	
13	310	6009	PRIME COAT (MC-30)	GAL	12,083.00	\$4.00	\$48,332.00	\$4.00	\$48,332.00	\$4.50	\$54,373.50	\$4.66	\$56,272.26	\$4.60	\$55,581.80	\$	0.47	\$4.13	\$5.07	
14	316	6001	ASPH (MULTI OPTION)	GAL	15,101.00	\$4.00	\$60,404.00	\$5.00	\$75,505.00	\$4.50	\$67,954.50	\$4.56	\$68,925.28	\$4.77	\$71,981.43	\$	0.39	\$4.37	\$5.16	LOW
15	316	6193	AGGR(TY-D GR-5 SAC-B)	CY	558.00	\$160.00	\$89,280.00	\$176.00	\$98,208.00	\$140.00	\$78,120.00	\$136.43	\$76,127.14	\$159.00	\$88,722.00	\$	15.57	\$143.43	\$174.57	LOW
16	400	6005	CEM STABIL BKFL	CY	831.00	\$220.00	\$182,820.00	\$122.00	\$101,382.00	\$300.00	\$249,300.00	\$201.00	\$167,031.00	\$215.67	\$179,219.00	\$	52.17	\$163.49	\$267.84	LOW
17	402	6001	TRENCH EXCAVATION PROTECTION	LF	2,442.00	\$10.00	\$24,420.00	\$5.00	\$12,210.00	\$5.50	\$13,431.00	\$4.59	\$11,198.31	\$5.18	\$12,657.70	\$	3.09	\$2.10	\$8.27	LOW
18	403	6001	TEMPORARY SPL SHORING	SF	2,808.00	\$20.00	\$56,160.00	\$45.00	\$126,360.00	\$1.00	\$2,808.00	\$24.69	\$69,317.49	\$24.80	\$69,638.40	\$	13.61	\$11.19	\$38.41	
19	416	6030	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	6.00	\$725.00	\$4,350.00	\$235.00	\$1,410.00	\$196.00	\$1,176.00	\$312.57	\$1,875.43	\$334.50	\$2,007.00	\$	198.70	\$135.80	\$533.20	
20	416	6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	14.00	\$495.00	\$6,930.00	\$240.00	\$3,360.00	\$201.00	\$2,814.00	\$302.00	\$4,228.00	\$321.33	\$4,498.67	\$	160.00	\$161.33	\$481.33	
21	432	6001	RIPRAP (CONC)(4 IN)	CY	470.00	\$650.00	\$305,500.00	\$550.00	\$258,500.00	\$800.00	\$376,000.00	\$638.43	\$300,061.43	\$648.83	\$304,951.67	\$	90.82	\$558.01	\$739.65	
22	432	6002	RIPRAP (CONC)(5 IN)	CY	131.00	\$765.00	\$100,215.00	\$600.00	\$78,600.00	\$750.00	\$98,250.00	\$673.29	\$88,200.43	\$687.67	\$90,084.33	\$	93.54	\$594.13	\$781.21	LOW
23	450	6032	RAIL (TY C223)	LF	773.00	\$200.00	\$154,600.00	\$284.00	\$219,532.00	\$305.00	\$235,765.00	\$231.29	\$178,783.86	\$243.00	\$187,839.00	\$	43.47	\$199.53	\$286.47	LOW
24	462	6001	CONC BOX CULV (3 FT X 2 FT)	LF	606.00	\$450.00	\$272,700.00	\$392.00	\$237,552.00	\$460.00	\$278,760.00	\$359.57	\$217,900.29	\$369.00	\$223,614.00	\$	68.87	\$300.13	\$437.87	
25	462	6002	CONC BOX CULV (3 FT X 3 FT)	LF	254.00	\$460.00	\$116,840.00	\$402.00	\$102,108.00	\$500.00	\$127,000.00	\$397.57	\$100,983.14	\$405.17	\$102,912.33	\$	61.24	\$343.92	\$466.41	
26	462	6004	CONC BOX CULV (4 FT X 3 FT)	LF	543.00	\$525.00	\$285,075.00	\$540.00	\$293,220.00	\$550.00	\$298,650.00	\$458.86	\$249,159.43	\$469.33	\$254,848.00	\$	75.04	\$394.30	\$544.37	
27	462	6010	CONC BOX CULV (6 FT X 3 FT)	LF	1,289.00	\$818.00	\$1,054,402.00	\$700.00	\$902,300.00	\$765.00	\$986,085.00	\$632.71	\$815,568.71	\$645.00	\$831,405.00	\$	121.37	\$523.63	\$766.37	
28	462	6014	CONC BOX CULV (7 FT X 3 FT)	LF	328.00	\$975.00	\$319,800.00	\$733.00	\$240,424.00	\$870.00	\$285,360.00	\$791.57	\$259,635.43	\$806.33	\$264,477.33	\$	101.96	\$704.37	\$908.29	LOW
29	462	6040	CONC BOX CULV (12 FT X 4 FT)	LF	378.00	\$2,100.00	\$793,800.00	\$1,600.00	\$604,800.00	\$1,790.00	\$676,620.00	\$1,622.43	\$613,278.00	\$1,708.33	\$645,750.00	\$	190.30	\$1,518.03	\$1,898.63	LOW
30	462	6099	CONC BOX CULV (6 FT X 2 FT)	LF	356.00	\$695.00	\$247,420.00	\$575.00	\$204,700.00	\$700.00	\$249,200.00	\$572.14	\$203,682.86	\$590.50	\$210,218.00	\$	87.54	\$502.96	\$678.04	LOW
31	462	6101	CONC BOX CULV (10 FT X 4 FT)	LF	1,289.00	\$1,565.00	\$2,017,285.00	\$1,100.00	\$1,417,900.00	\$1,300.00	\$1,675,700.00	\$1,177.29	\$1,517,521.29	\$1,250.83	\$1,612,324.17	\$	152.93	\$1,097.91	\$1,403.76	LOW
32	464	4003	RC PIPE (CL III)(18 IN)	LF	6.00	\$600.00	\$3,600.00	\$96.00	\$576.00	\$625.00	\$3,750.00	\$293.86	\$1,763.14	\$316.17	\$1,897.00	\$	221.96	\$94.20	\$538.13	
33	464	6005	RC PIPE (CL III)(24 IN)	LF	3,267.00	\$210.00	\$686,070.00	\$110.00	\$359,370.00	\$172.00	\$561,924.00	\$129.00	\$421,443.00	\$133.17	\$435,055.50	\$	42.52	\$90.64	\$175.69	
34	464	6007	RC PIPE (CL III)(30 IN)	LF	21.00	\$280.00	\$5,880.00	\$140.00	\$2,940.00	\$385.00	\$8,085.00	\$216.57	\$4,548.00	\$228.00	\$4,788.00	\$	88.33	\$139.67	\$316.33	
35	465	6006	JCTBOX(COMPL)(PJB)(4FTX4FT)	EA	5.00	\$16,000.00	\$80,000.00	\$7,500.00	\$37,500.00	\$9,015.00	\$45,075.00	\$8,477.00	\$42,385.00	\$8,539.83	\$42,699.17	\$	3,495.63	\$5,044.20	\$12,035.47	
36	465	6009	JCTBOX(COMPL)(PJB)(5FTX5FT)	EA	1.00	\$20,000.00	\$20,000.00	\$9,700.00	\$9,700.00	\$10,550.00	\$10,550.00	\$10,715.86	\$10,715.86	\$10,801.83	\$10,801.83	\$	4,222.54	\$6,579.29	\$15,024.38	

Bid Tabulation

RUDELOFF ROADWAY IMPROVEMENTS
BID NO. AF-2024-07
CSJ: 0915-46-045

SEQ. NO.	ITEM NO	BID ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	Ez-Bel Construction		Austin Engineering Co.		Sundt		Average (All Bidders)		Average (Non-Low Bidders)		STANDARD DEVIATION			
					PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	NON-LOW BIDDERS	LOW END	HIGH END	STERLING
70	531 6002	CONC SIDEWALKS (5")	SY	16,840.00	\$67.00	\$1,128,280.00	\$73.00	\$1,229,320.00	\$95.00	\$1,599,800.00	\$69.43	\$1,169,177.14	\$72.67	\$1,223,706.67	\$ 12.68	\$59.98	\$85.35	LOW
71	531 6004	CURB RAMPS (TY 1)	EA	6.00	\$2,500.00	\$15,000.00	\$1,900.00	\$11,400.00	\$6,500.00	\$39,000.00	\$2,529.14	\$15,174.86	\$2,634.00	\$15,804.00	\$ 1,802.83	\$831.17	\$4,436.83	
72	531 6010	CURB RAMPS (TY 7)	EA	11.00	\$3,100.00	\$34,100.00	\$2,400.00	\$26,400.00	\$6,500.00	\$71,500.00	\$2,703.43	\$29,737.71	\$2,779.00	\$30,569.00	\$ 1,801.40	\$977.60	\$4,580.40	
73	536 6002	CONC MEDIAN	SY	528.00	\$85.00	\$44,880.00	\$127.00	\$67,056.00	\$133.00	\$70,224.00	\$99.47	\$52,520.91	\$106.38	\$56,170.40	\$ 25.25	\$81.13	\$131.64	LOW
74	560 6007	MAILBOX INSTALL-S (WC-POST) TY 3	EA	6.00	\$275.00	\$1,650.00	\$324.00	\$1,944.00	\$275.00	\$1,650.00	\$295.71	\$1,774.29	\$299.17	\$1,795.00	\$ 24.23	\$274.94	\$323.40	
75	560 6008	MAILBOX INSTALL-D (WC-POST) TY 3	EA	1.00	\$315.00	\$315.00	\$412.00	\$412.00	\$315.00	\$315.00	\$343.57	\$343.57	\$348.33	\$348.33	\$ 36.81	\$311.52	\$385.15	
76	618 6046	CONDT (PVC) (SCH 80) (2")	LF	38.00	\$100.00	\$3,800.00	\$25.00	\$950.00	\$24.00	\$912.00	\$37.77	\$1,435.31	\$40.40	\$1,535.20	\$ 27.85	\$12.55	\$68.25	
77	618 6053	CONDT (PVC) (SCH 80) (3")	LF	46.00	\$90.00	\$4,140.00	\$35.00	\$1,610.00	\$33.00	\$1,518.00	\$45.38	\$2,087.41	\$47.94	\$2,205.32	\$ 22.17	\$25.77	\$70.11	
78	620 6009	ELEC CONDR (NO.6) BARE	LF	84.00	\$10.00	\$840.00	\$1.00	\$84.00	\$1.75	\$147.00	\$2.97	\$249.60	\$3.20	\$268.80	\$ 3.10	\$0.10	\$6.30	
79	624 6010	GROUND BOX TY D (162922)W/APRON	EA	2.00	\$2,800.00	\$5,600.00	\$1,500.00	\$3,000.00	\$1,400.00	\$2,800.00	\$1,766.86	\$3,533.71	\$1,845.67	\$3,691.33	\$ 607.42	\$1,238.25	\$2,453.08	
80	636 6002	ALUMINUM SIGNS (TY G)	SF	10.00	\$350.00	\$3,500.00	\$200.00	\$2,000.00	\$200.00	\$2,000.00	\$150.20	\$1,502.00	\$169.40	\$1,694.00	\$ 107.75	\$61.65	\$277.15	LOW
81	636 6003	ALUMINUM SIGNS (TY O)	SF	22.00	\$20.00	\$440.00	\$200.00	\$4,400.00	\$50.00	\$1,100.00	\$53.87	\$1,185.17	\$59.52	\$1,309.37	\$ 63.92	-\$4.41	\$123.44	
82	644 6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	11.00	\$695.00	\$7,645.00	\$1,150.00	\$12,650.00	\$695.00	\$7,645.00	\$793.43	\$8,727.71	\$809.83	\$8,908.17	\$ 161.02	\$648.81	\$970.86	
83	644 6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	1.00	\$975.00	\$975.00	\$1,300.00	\$1,300.00	\$975.00	\$975.00	\$1,070.00	\$1,070.00	\$1,085.83	\$1,085.83	\$ 122.59	\$963.24	\$1,208.42	
84	644 6007	IN SM RD SN SUP&AM TY10BWG(1)SA(U)	EA	1.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00	\$1,301.43	\$1,301.43	\$1,318.33	\$1,318.33	\$ 122.80	\$1,195.53	\$1,441.14	
85	644 6060	IN SM RD SN SUP&AM TYTWT(1)WS(P)	EA	53.00	\$325.00	\$17,225.00	\$442.00	\$23,426.00	\$325.00	\$17,225.00	\$358.14	\$18,981.57	\$363.67	\$19,274.33	\$ 43.48	\$320.19	\$407.15	
86	662 6004	WK ZN PAV MRK NON-REMOV (W)4"(SLD)	LF	33,692.00	\$0.30	\$10,107.60	\$0.80	\$26,953.60	\$0.42	\$14,150.64	\$0.43	\$14,343.17	\$0.45	\$15,049.09	\$ 0.17	\$0.27	\$0.62	
87	662 6034	WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	LF	33,692.00	\$0.30	\$10,107.60	\$0.80	\$26,953.60	\$0.42	\$14,150.64	\$0.43	\$14,343.17	\$0.45	\$15,049.09	\$ 0.17	\$0.27	\$0.62	
88	662 6109	WK ZN PAV MRK SHT TERM (TAB)TY W	EA	2,052.00	\$1.00	\$2,052.00	\$5.00	\$10,260.00	\$1.75	\$3,591.00	\$2.06	\$4,230.05	\$2.30	\$4,709.34	\$ 1.29	\$1.01	\$3.58	LOW
89	662 6111	WK ZN PAV MRK SHT TERM (TAB)TY Y-2	EA	2,978.00	\$1.00	\$2,978.00	\$5.00	\$14,890.00	\$1.35	\$4,020.30	\$2.01	\$5,981.53	\$2.23	\$6,635.98	\$ 1.32	\$0.91	\$3.55	LOW
90	666 6035	REFL PAV MRK TY I (W)8"(SLD)(090MIL)	LF	2,345.00	\$0.90	\$2,110.50	\$2.00	\$4,690.00	\$1.40	\$3,283.00	\$1.31	\$3,061.90	\$1.37	\$3,220.47	\$ 0.47	\$0.90	\$1.85	LOW
91	666 6167	REFL PAV MRK TY II (W) 4" (BRK)	LF	3,130.00	\$0.22	\$688.60	\$0.50	\$1,565.00	\$0.51	\$1,596.30	\$0.35	\$1,086.56	\$0.37	\$1,152.88	\$ 0.14	\$0.23	\$0.50	LOW
92	666 6170	REFL PAV MRK TY II (W) 4" (SLD)	LF	15,234.00	\$0.20	\$3,046.80	\$0.50	\$7,617.00	\$0.20	\$3,046.80	\$0.26	\$3,939.08	\$0.27	\$4,087.79	\$ 0.11	\$0.16	\$0.37	
93	666 6178	REFL PAV MRK TY II (W) 8" (SLD)	LF	2,345.00	\$0.30	\$703.50	\$1.00	\$2,345.00	\$0.46	\$1,078.70	\$0.46	\$1,078.70	\$0.49	\$1,141.23	\$ 0.24	\$0.25	\$0.73	
94	666 6205	REFL PAV MRK TY II (Y) 4" (BRK)	LF	3,519.00	\$0.22	\$774.18	\$0.50	\$1,759.50	\$0.77	\$2,709.63	\$0.46	\$1,603.66	\$0.50	\$1,741.91	\$ 0.30	\$0.20	\$0.79	
95	666 6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF	19,172.00	\$0.20	\$3,834.40	\$0.50	\$9,586.00	\$0.31	\$5,943.32	\$0.27	\$5,258.61	\$0.29	\$5,495.97	\$ 0.10	\$0.18	\$0.39	
96	666 6299	RE PM W/RET REQ TY I (W)4"(BRK)(090MIL)	LF	3,130.00	\$0.53	\$1,658.90	\$1.00	\$3,130.00	\$0.92	\$2,879.60	\$0.73	\$2,293.84	\$0.77	\$2,399.67	\$ 0.21	\$0.56	\$0.98	LOW
97	666 6302	RE PM W/RET REQ TY I (W)4"(SLD)(090MIL)	LF	15,234.00	\$0.50	\$7,617.00	\$1.00	\$15,234.00	\$0.82	\$12,491.88	\$0.70	\$10,642.04	\$0.73	\$11,146.21	\$ 0.22	\$0.51	\$0.95	LOW
98	666 6311	RE PM W/RET REQ TY I (Y)4"(BRK)(090MIL)	LF	3,519.00	\$0.53	\$1,865.07	\$1.00	\$3,519.00	\$1.63	\$5,735.97	\$0.98	\$3,438.57	\$1.05	\$3,700.82	\$ 0.57	\$0.48	\$1.62	
99	666 6314	RE PM W/RET REQ TY I (Y)4"(SLD)(090MIL)	LF	19,172.00	\$0.50	\$9,586.00	\$1.00	\$19,172.00	\$1.22	\$23,389.84	\$0.76	\$14,488.55	\$0.80	\$15,305.65	\$ 0.28	\$0.51	\$1.08	LOW
100	668 6076	PREFAB PAV MRK TY C (W) (24") (SLD)	LF	538.00	\$12.00	\$6,456.00	\$19.00	\$10,222.00	\$26.00	\$13,988.00	\$17.93	\$9,645.57	\$18.92	\$10,177.17	\$ 6.89	\$12.02	\$25.81	LOW
101	668 6077	PREFAB PAV MRK TY C (W) (ARROW)	EA	14.00	\$225.00	\$3,150.00	\$294.00	\$4,116.00	\$301.00	\$4,214.00	\$268.57	\$3,760.00	\$275.83	\$3,861.67	\$ 43.56	\$232.28	\$319.39	LOW
102	668 6085	PREFAB PAV MRK TY C (W) (WORD)	EA	14.00	\$265.00	\$3,710.00	\$347.00	\$4,858.00	\$325.00	\$4,550.00	\$307.43	\$4,304.00	\$314.50	\$4,403.00	\$ 37.98	\$276.52	\$352.48	LOW
103	668 6092	PREFAB PAV MRK TY C (W) (36") (YLD TRI)	EA	6.00	\$50.00	\$300.00	\$176.00	\$1,056.00	\$56.00	\$336.00	\$72.19	\$433.11	\$75.88	\$455.30	\$ 45.02	\$30.86	\$120.90	
104	672 6007	REFL PAV MRKR TY I-C	EA	279.00	\$4.00	\$1,116.00	\$9.00	\$2,511.00	\$6.20	\$1,729.80	\$5.53	\$1,542.47	\$5.78	\$1,613.55	\$ 1.83	\$3.96	\$7.61	
105	672 6009	REFL PAV MRKR TY II-A-A	EA	634.00	\$4.00	\$2,536.00	\$9.00	\$5,706.00	\$6.20	\$3,930.80	\$5.53	\$3,505.11	\$5.78	\$3,666.63	\$ 1.83	\$3.96	\$7.61	
106	680 6011	INSTALL HWY TRF SIG (UPGRADE)	EA	1.00	\$50,000.00	\$50,000.00	\$3,700.00	\$3,700.00	\$3,425.00	\$3,425.00	\$11,647.57	\$11,647.57	\$13,059.83	\$13,059.83	\$ 16,994.58	-\$3,934.75	\$30,054.42	
107	681 6001	TEMP TRAF SIGNALS	EA	1.00	\$25,000.00	\$25,000.00	\$3,300.00	\$3,300.00	\$3,025.00	\$3,025.00	\$7,725.00	\$7,725.00	\$8,545.00	\$8,545.00	\$ 8,351.79	\$193.21	\$16,896.79	
108	682 6001	VEH SIG SEC (12")LED(GRN)	EA	2.00	\$350.00	\$700.00	\$300.00	\$600.00	\$275.00	\$550.00	\$305.57	\$611.14	\$314.17	\$628.33	\$ 54.15	\$260.02	\$368.32	LOW
109	682 6003	VEH SIG SEC (12")LED(YEL)	EA	2.00	\$350.00	\$700.00	\$300.00	\$600.00	\$275.00	\$550.00	\$305.57	\$611.14	\$314.17	\$628.33	\$ 54.15	\$260.02	\$368.32	LOW
110	682 6005	VEH SIG SEC (12")LED(RED)	EA	2.00	\$350.00	\$700.00	\$30											

Bid Tabulation

RUDELOFF ROADWAY IMPROVEMENTS
BID NO. AF-2024-07
CSJ: 0915-46-045

SEQ. NO.	ITEM NO	BID ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	Ez-Bel Construction		Austin Engineering Co.		Sundt		Average (All Bidders)		Average (Non-Low Bidders)		STANDARD DEVIATION			
					PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	PRICE PER UNIT	AMOUNT	NON-LOW BIDDERS	LOW END	HIGH END	STERLING
3	501	6001 BARRICADEES, SIGNS AND TRAFFIC HANDLING	MO	5.00	\$ 1,500.00	\$ 7,500.00	\$ 4,000.00	\$ 20,000.00	\$ 16,240.00	\$ 81,200.00	\$ 9,101.14	\$ 45,505.71	\$ 9,467.02	\$ 47,335.10	\$ 6,209.38	\$3,257.64	\$15,676.40	
4	7196	6001 TRENCH EXCAVATION PROTECTION	LF	9,793.00	\$ 10.00	\$ 97,930.00	\$ 5.00	\$ 48,965.00	\$ 5.00	\$ 48,965.00	\$ 3.97	\$ 38,892.20	\$ 4.40	\$ 43,049.23	\$ 3.03	\$1.37	\$7.43	LOW
5	7196	6002 DUCTILE IRON FITTINGS	TON	5.98	\$ 0.01	\$ 0.06	\$ 150,000.00	\$ 897,000.00	\$ 28,622.00	\$ 171,159.56	\$ 38,074.57	\$ 227,685.95	\$ 41,870.94	\$ 250,388.22	\$ 49,195.37	-\$7,324.43	\$91,066.31	
6	7196	6003 HYDROSTATIC PRESSURE TEST	EA	9.00	\$ 5,000.00	\$ 45,000.00	\$ 2,700.00	\$ 24,300.00	\$ 2,385.00	\$ 21,465.00	\$ 3,380.43	\$ 30,423.86	\$ 3,263.35	\$ 29,370.12	\$ 879.82	\$2,383.53	\$4,143.17	HIGH
7	7196	6004 TEMPORARY BLOW-OFF (COMPLETE) (2")	EA	9.00	\$ 1,500.00	\$ 13,500.00	\$ 1,500.00	\$ 13,500.00	\$ 2,516.00	\$ 22,644.00	\$ 1,856.57	\$ 16,709.14	\$ 1,888.94	\$ 17,000.45	\$ 479.61	\$1,409.33	\$2,368.55	
8	7196	6005 FLOWABLE FILL BACKFILL	CY	465.00	\$ 150.00	\$ 69,750.00	\$ 376.00	\$ 174,840.00	\$ 215.00	\$ 99,975.00	\$ 211.43	\$ 98,314.29	\$ 225.49	\$ 104,852.76	\$ 73.32	\$152.17	\$298.81	LOW
9	7196	6006 PIPE WATER MAIN (PVC) (8")	LF	6,978.00	\$ 95.00	\$ 662,910.00	\$ 71.00	\$ 495,438.00	\$ 80.00	\$ 558,240.00	\$ 83.43	\$ 582,164.57	\$ 84.35	\$ 588,572.94	\$ 16.36	\$67.99	\$100.70	
10	7196	6009 TIE-IN (COMPLETE) (8")	EA	5.00	\$ 4,000.00	\$ 20,000.00	\$ 4,600.00	\$ 23,000.00	\$ 8,944.00	\$ 44,720.00	\$ 5,420.43	\$ 27,102.14	\$ 5,656.20	\$ 28,281.02	\$ 2,343.72	\$3,312.49	\$7,999.92	
11	7196	6024 RECONNECT SHORT SERVICE (3/4")	EA	1.00	\$ 3,500.00	\$ 3,500.00	\$ 2,200.00	\$ 2,200.00	\$ 2,146.00	\$ 2,146.00	\$ 2,546.86	\$ 2,546.86	\$ 2,696.41	\$ 2,696.41	\$ 545.23	\$2,151.18	\$3,241.64	LOW
12	7196	6030 GATE VALVE AND BOX (COMPLETE) (16")	EA	5.00	\$ 17,000.00	\$ 85,000.00	\$ 8,110.00	\$ 40,550.00	\$ 13,393.00	\$ 66,965.00	\$ 12,869.29	\$ 64,346.43	\$ 12,422.04	\$ 62,110.20	\$ 2,634.42	\$9,787.62	\$15,056.46	HIGH
13	7196	6031 NEW METER BOX	EA	1.00	\$ 1,500.00	\$ 1,500.00	\$ 2,100.00	\$ 2,100.00	\$ 298.00	\$ 298.00	\$ 1,078.43	\$ 1,078.43	\$ 1,146.78	\$ 1,146.78	\$ 683.85	\$462.92	\$1,830.63	
14	7196	6032 FIRE HYDRANT ASSEMBLY	EA	29.00	\$ 12,000.00	\$ 348,000.00	\$ 7,700.00	\$ 223,300.00	\$ 10,090.00	\$ 292,610.00	\$ 8,864.71	\$ 257,076.71	\$ 8,688.24	\$ 251,959.10	\$ 1,836.17	\$6,852.08	\$10,524.41	
15	7196	6033 TIE-IN (COMPLETE) (6")	EA	3.00	\$ 4,000.00	\$ 12,000.00	\$ 3,100.00	\$ 9,300.00	\$ 8,944.00	\$ 26,832.00	\$ 4,905.71	\$ 14,717.14	\$ 5,306.53	\$ 15,919.59	\$ 2,510.93	\$2,795.60	\$7,817.46	LOW
16	7196	6045 WATER MAIN BREAKS LEAK REPAIR	EA	4.00	\$ 500.00	\$ 2,000.00	\$ 8,500.00	\$ 34,000.00	\$ 15,800.00	\$ 63,200.00	\$ 5,765.86	\$ 23,063.43	\$ 6,346.69	\$ 25,386.78	\$ 5,033.78	\$1,312.91	\$11,380.47	
17	7196	6046 STEEL CASING (24") (OPEN CUT)	LF	1,400.00	\$ 170.00	\$ 238,000.00	\$ 210.00	\$ 294,000.00	\$ 238.00	\$ 333,200.00	\$ 217.71	\$ 304,800.00	\$ 215.96	\$ 302,342.86	\$ 45.89	\$170.07	\$261.85	
18	7196	6049 PIPE WATER MAIN (PVC) (16")	LF	1,209.00	\$ 150.00	\$ 181,350.00	\$ 170.00	\$ 205,530.00	\$ 184.00	\$ 222,456.00	\$ 169.00	\$ 204,321.00	\$ 160.29	\$ 193,785.43	\$ 23.57	\$136.72	\$183.85	HIGH
19	7196	6050 CARRIER PIPE (OPEN CUT) (PVC) (16")	LF	206.00	\$ 300.00	\$ 61,800.00	\$ 231.00	\$ 47,586.00	\$ 280.00	\$ 57,680.00	\$ 217.57	\$ 44,819.71	\$ 218.65	\$ 45,042.53	\$ 56.54	\$162.11	\$275.20	
20	7196	6051 STEEL CASING (30") (OPEN CUT)	LF	206.00	\$ 200.00	\$ 41,200.00	\$ 253.00	\$ 52,118.00	\$ 298.00	\$ 61,388.00	\$ 274.29	\$ 56,502.86	\$ 273.47	\$ 56,334.69	\$ 55.51	\$217.96	\$328.98	
21	7196	6072 RELOC EXIST METER AND NEW METER BOX	EA	1.00	\$ 2,000.00	\$ 2,000.00	\$ 1,836.00	\$ 1,836.00	\$ 800.00	\$ 800.00	\$ 1,389.86	\$ 1,389.86	\$ 1,416.98	\$ 1,416.98	\$ 492.29	\$924.69	\$1,909.26	
22	7196	6074 GATE VALVE AND BOX (COMPLETE) (8")	EA	32.00	\$ 3,500.00	\$ 112,000.00	\$ 3,912.00	\$ 125,184.00	\$ 2,814.00	\$ 90,048.00	\$ 3,344.29	\$ 107,017.14	\$ 3,393.47	\$ 108,591.02	\$ 514.71	\$2,878.76	\$3,908.18	
23	7196	6088 TAPPED FIRE HYDRANT	EA	6.00	\$ 15,500.00	\$ 93,000.00	\$ 11,000.00	\$ 66,000.00	\$ 15,503.00	\$ 93,018.00	\$ 13,913.29	\$ 83,479.71	\$ 13,929.47	\$ 83,576.82	\$ 2,296.72	\$11,632.75	\$16,226.19	
24	7196	6095 CUT-IN TEE (COMPLETE) (8"x8")	EA	1.00	\$ 6,500.00	\$ 6,500.00	\$ 2,500.00	\$ 2,500.00	\$ 9,720.00	\$ 9,720.00	\$ 6,227.14	\$ 6,227.14	\$ 5,745.31	\$ 5,745.31	\$ 3,058.18	\$2,687.13	\$8,803.49	HIGH
25	7196	6118 CARRIER PIPE (OPEN CUT) (PVC) (8")	LF	1,400.00	\$ 135.00	\$ 189,000.00	\$ 98.00	\$ 137,200.00	\$ 110.00	\$ 154,000.00	\$ 97.51	\$ 136,520.00	\$ 97.87	\$ 137,022.86	\$ 22.71	\$75.17	\$120.58	
26	7196	XXXX 6"x6" TAPPING SLEEVE, VALVE, AND BOX (COMPLETE)	EA	2.00	\$ 25,000.00	\$ 50,000.00	\$ 20,000.00	\$ 40,000.00	\$ 14,430.00	\$ 28,860.00	\$ 12,779.29	\$ 25,558.57	\$ 13,847.76	\$ 27,695.51	\$ 6,716.41	\$7,131.35	\$20,564.16	LOW
27	7196	XXXX 8"x8" TAPPING SLEEVE, VALVE, AND BOX (COMPLETE)	EA	1.00	\$ 30,000.00	\$ 30,000.00	\$ 23,000.00	\$ 23,000.00	\$ 15,505.00	\$ 15,505.00	\$ 14,584.29	\$ 14,584.29	\$ 15,782.04	\$ 15,782.04	\$ 8,169.46	\$7,612.58	\$23,951.50	LOW
28	7196	XXXX RELOCATE SHORT SERVICE (3/4")	EA	1.00	\$ 6,000.00	\$ 6,000.00	\$ 1,400.00	\$ 1,400.00	\$ 2,504.00	\$ 2,504.00	\$ 2,933.57	\$ 2,933.57	\$ 3,038.37	\$ 3,038.37	\$ 1,674.62	\$1,363.75	\$4,712.98	
29	7196	XXXX CUSTOMER SHUT OFF VALVE	EA	1.00	\$ 200.00	\$ 200.00	\$ 1,700.00	\$ 1,700.00	\$ 262.00	\$ 262.00	\$ 649.00	\$ 649.00	\$ 727.43	\$ 727.43	\$ 558.42	\$169.01	\$1,285.85	LOW
30	7196	XXXX SHORT YARD PIPING	LF	72.00	\$ 45.00	\$ 3,240.00	\$ 35.00	\$ 2,520.00	\$ 49.00	\$ 3,528.00	\$ 65.86	\$ 4,741.71	\$ 68.84	\$ 4,956.24	\$ 40.77	\$28.07	\$109.61	
31	7196	XXXX TIE-IN (COMPLETE) (2")	EA	1.00	\$ 4,500.00	\$ 4,500.00	\$ 2,000.00	\$ 2,000.00	\$ 3,339.00	\$ 3,339.00	\$ 2,022.29	\$ 2,022.29	\$ 2,082.61	\$ 2,082.61	\$ 1,615.15	\$467.47	\$3,697.76	
32	7196	XXXX HYDRA-STOP IVP 250 VALVE INSERTION SYSTEM, 6"	EA	1.00	\$ 9,100.00	\$ 9,100.00	\$ 14,000.00	\$ 14,000.00	\$ 26,240.00	\$ 26,240.00	\$ 14,263.57	\$ 14,263.57	\$ 14,615.51	\$ 14,615.51	\$ 5,578.06	\$9,037.45	\$20,193.57	
33	7196	XXXX INDICATOR POST (COMPLETE), 6"	EA	1.00	\$ 4,000.00	\$ 4,000.00	\$ 4,100.00	\$ 4,100.00	\$ 3,220.00	\$ 3,220.00	\$ 3,873.29	\$ 3,873.29	\$ 3,769.47	\$ 3,769.47	\$ 987.98	\$2,781.49	\$4,757.45	
34	7196	XXXX INDICATOR POST (COMPLETE), 8"	EA	4.00	\$ 4,000.00	\$ 16,000.00	\$ 4,800.00	\$ 19,200.00	\$ 3,220.00	\$ 12,880.00	\$ 4,299.43	\$ 17,197.71	\$ 4,127.92	\$ 16,511.67	\$ 1,231.96	\$2,895.96	\$5,359.88	HIGH
35	7196	XXXX SEALED FLOOR VALVE BOX W/ VALVE POSITION INDICA	EA	1.00	\$ 4,000.00	\$ 4,000.00	\$ 5,600.00	\$ 5,600.00	\$ 8,825.00	\$ 8,825.00	\$ 4,502.86	\$ 4,502.86	\$ 4,574.69	\$ 4,574.69	\$ 2,343.10	\$2,231.60	\$6,917.79	
TOTAL ALT 1						\$2,479,680.06		\$3,635,967.00		\$2,967,838.56		\$2,680,790.57		\$2,722,215.51				
TOTAL PROJECT						\$16,965,468.11		\$17,122,092.30		\$18,687,085.20		\$16,641,098.78		\$16,841,996.38				