Mansfield International Business Park (2018031)
Opinion of Cost (Base Bid)
Date: 11/14/2019

ITEM NO.	DESCRIPTION	UNIT	QTY	Prepared by: Evolving Texas Engineer's Estimate		Jackson Construction WINNING BID			Venus Construction BID		
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL		UNIT PRICE	TOTAL	
SECTION A: PAVING ITEMS - STANDARD											
1	Clearing & Grubbing (From 7th Ave ROW: Easy Drive to Detention Pond)	AC	19.51	$ 400.00	$ 7,804.00	$ 2,850.00	$ 55,603.50	713%	$ 2,500.00	$ 48,775.00	625%
2	Clearing & Grubbing (From Klein Blvd ROW: 7th Ave to East Property Line)	AC	3.19	$ 400.00	$ 1,276.00	$ 2,850.00	$ 9,091.50	713%	$ 2,500.00	$ 7,975.00	625%
3	Clearing & Grubbing (From Klein Blvd ROW: East Prop. Line to Heritage Dr.)	AC	6.36	$ 400.00	$ 2,544.00	$ 2,850.00	$ 18,126.00	713%	$ 2,500.00	$ 15,900.00	625%
4	Unclassified Earthwork Cut (for Streets)	CY	11543	$ 4.50	$ 51,943.50	$ 8.00	$ 92,344.00	178%	$ 3.30	$ 38,091.90	73%
5	Unclassified Earthwork Fill (for Streets)	CY	5227	$ 4.50	$ 23,521.50	$ 3.00	$ 15,681.00	67%	$ 1.00	$ 5,227.00	22%
6	8" Reinforced Concrete Pavement	SY	11917	$ 43.00	$ 512,431.00	$ 44.00	$ 524,348.00	102%	$ 48.00	$ 572,016.00	112%
7	Hydrated Lime for 12" Stabilized Subgrade (72 LBS / SY)	TN	1393	$ 151.00	$ 210,343.00	$ 190.00	$ 264,670.00	126%	$ 176.00	$ 245,168.00	117%
8	12" Lime Stabilized Subgrade (Compacted and Fill in-place)	SY	38687	$ 4.00	$ 154,748.00	$ 4.50	$ 174,091.50	113%	$ 8.25	$ 319,167.75	206%
9	4" Concrete Sidewalk (5' wide)	LF	2080	$ 20.00	$ 41,600.00	$ 29.00	$ 60,320.00	145%	$ 35.00	$ 72,800.00	175%
10	Grass Sodding	SY	24255	$ 5.00	$ 121,275.00	$ 5.00	$ 121,275.00	100%	$ 6.00	$ 145,530.00	120%
11	Topsoil for Sodding	SY	24255	$ 5.00	$ 121,275.00	$ 5.50	$ 133,402.50	110%	$ 7.00	$ 169,785.00	140%
12	Reinforced Concrete Header	LF	39	$ 30.00	$ 1,170.00	$ 35.00	$ 1,365.00	117%	$ 18.15	$ 707.85	61%
13	Asphalt Roadway Re-Construction (2nd Avenue)	SY	6860	$ 36.00	$ 246,960.00	$ 51.50	$ 353,290.00	143%	$ 35.00	$ 240,100.00	97%
14	Concrete Curb Transition (2nd Avenue)	LF	40	$ 20.00	$ 800.00	$ 110.00	$ 4,400.00	550%	$ 55.00	$ 2,200.00	275%
15	14' Wide 3" thick Asphalt Access Drive (Temporary) to Lift Station Site	SY	2139	$ 28.00	$ 59,892.00	$ 22.00	$ 47,058.00	79%	$ 32.00	$ 68,448.00	114%
16	24' Wide Asphalt Pavement (per Hanks Street typical section)	SY	854	$ 56.00	$ 47,824.00	$ 43.00	$ 36,722.00	77%	$ 55.00	$ 46,970.00	98%
17	8" Stamped/Stained Concrete Pavement	SY	635	$ 46.00	$ 29,210.00	$ 150.00	$ 95,250.00	326%	$ 132.00	$ 83,820.00	287%
18	Remove & Dispose of Ex. Asphalt/Concrete Pavement (Full Depth Sawcut)	SY	2096	$ 35.00	$ 73,360.00	$ 11.00	$ 23,056.00	31%	$ 7.00	$ 14,672.00	20%
19	6" Reinforced Concrete Drive Approach (33' LT, STA:25+64.88 Klein Blvd)	SY	172	$ 52.00	$ 8,944.00	$ 77.00	$ 13,244.00	148%	$ 66.00	$ 11,352.00	127%
20	White 4" Single Solid Thermoplastic Line	LF	3542	$ 1.75	$ 6,198.50	$ 1.30	$ 4,604.60	74%	$ 1.15	$ 4,073.30	66%
21	Yellow 4" Single Solid Thermoplastic Line	LF	323	$ 1.75	$ 565.25	$ 1.30	$ 419.90	74%	$ 1.15	$ 371.45	66%
22	Yellow 4" Double Solid Thermoplastic Line	LF	1217	$ 3.50	$ 4,259.50	$ 2.60	$ 3,164.20	74%	$ 2.35	$ 2,859.95	67%
23	Yellow 4" Solid w/ 4" Broken Thermoplastic Line	LF	1510	$ 2.00	$ 3,020.00	$ 2.60	$ 3,926.00	130%	$ 1.50	$ 2,265.00	75%
24	White 4" Single Broken Buttons	LF	9551	$ 9.00	$ 85,959.00	$ 0.50	$ 4,775.50	6%	$ 0.50	$ 4,775.50	6%
25	White 4" Double Continuous Line Buttons	LF	440	$ 9.00	$ 3,960.00	$ 2.60	$ 1,144.00	29%	$ 2.75	$ 1,210.00	31%
26	Yellow 4" Single Continuous Line Buttons	LF	1436	$ 9.00	$ 12,924.00	$ 1.30	$ 1,866.80	14%	$ 1.40	$ 2,010.40	16%
27	White Directional Arrows with Left & Right Turns (Type 1 Thermoplastic)	EA	9	$ 170.00	$ 1,530.00	$ 550.00	$ 4,950.00	324%	$ 310.00	$ 2,790.00	182%
28	White 24" Continuous Stop Lines (Type 1 Thermoplastic)	LF	182	$ 9.00	$ 1,638.00	$ 16.00	$ 2,912.00	178%	$ 6.95	$ 1,264.90	77%
29	Street Sign	EA	30	$ 500.00	$ 15,000.00	$ 450.00	$ 13,500.00	90%	$ 400.00	$ 12,000.00	80%
-	Street Light	EA	0	$ 2,800.00	$ -	$ -	$ -		$ -	$ -	
30	End of Road Barricade	EA	2	$ 2,500.00	$ 5,000.00	$ 2,250.00	$ 4,500.00	90%	$ 600.00	$ 1,200.00	24%
31	9" Reinforced Concrete Pavement	SY	24686	$ 48.00	$ 1,184,928.00	$ 48.00	$ 1,184,928.00	100%	$ 56.00	$ 1,382,416.00	117%
SECTION A: PAVING ITEMS - SUBTOTAL					$ 3,041,903.25		$ 3,274,029.00	108%		$ 3,525,942.00	116%
SECTION B: DRAINAGE ITEMS - STANDARD											
1	4' x 2' Reinforced Concrete Box (Class III) by Open Cut for All Depths	LF	113	$ 110.00	$ 12,430.00	$ 190.00	$ 21,470.00	173%	$ 265.00	$ 29,945.00	241%
2	5' x 4' Reinforced Concrete Box (Class III) by Open Cut for All Depths	LF	165	$ 157.00	$ 25,905.00	$ 307.00	$ 50,655.00	196%	$ 370.00	$ 61,050.00	236%
3	18" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	933	$ 38.00	$ 35,454.00	$ 66.00	$ 61,578.00	174%	$ 80.00	$ 74,640.00	211%
4	21" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	314	$ 42.00	$ 13,188.00	$ 65.00	$ 20,410.00	155%	$ 85.00	$ 26,690.00	202%
5	24" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	1235	$ 47.00	$ 58,045.00	$ 75.00	$ 92,625.00	160%	$ 95.00	$ 117,325.00	202%
6	27" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	314	$ 51.00	$ 16,014.00	$ 83.00	$ 26,062.00	163%	$ 115.00	$ 36,110.00	225%
7	30" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	222	$ 60.00	$ 13,320.00	$ 102.00	$ 22,644.00	170%	$ 128.00	$ 28,416.00	213%
8	33" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	86	$ 69.00	$ 5,934.00	$ 112.00	$ 9,632.00	162%	$ 140.00	$ 12,040.00	203%
9	36" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	60	$ 76.00	$ 4,560.00	$ 142.00	$ 8,520.00	187%	$ 160.00	$ 9,600.00	211%
10	42" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	967	$ 92.00	$ 88,964.00	$ 162.00	$ 156,654.00	176%	$ 206.00	$ 199,202.00	224%
11	48" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	303	$ 106.00	$ 32,118.00	$ 193.00	$ 58,479.00	182%	$ 235.00	$ 71,205.00	222%
12	54" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	500	$ 139.00	$ 69,500.00	$ 248.00	$ 124,000.00	178%	$ 375.00	$ 187,500.00	270%
13	4-ft Structural Concrete Storm Drain Junction Box	EA	3	$ 3,900.00	$ 11,700.00	$ 5,600.00	$ 16,800.00	144%	$ 5,300.00	$ 15,900.00	136%
14	5-ft Structural Concrete Storm Drain Junction Box	EA	2	$ 4,800.00	$ 9,600.00	$ 6,300.00	$ 12,600.00	131%	$ 6,400.00	$ 12,800.00	133%
15	6-ft Structural Concrete Storm Drain Junction Box	EA	3	$ 6,000.00	$ 18,000.00	$ 8,800.00	$ 26,400.00	147%	$ 8,900.00	$ 17,800.00	99%
16	10-ft Recessed Curb Inlet	EA	22	$ 2,900.00	$ 63,800.00	$ 4,300.00	$ 94,600.00	148%	$ 4,700.00	$ 103,400.00	162%
17		EA	2	$ 2,500.00	$ 5,000.00	$ 8,300.00	$ 16,600.00	332%	$ 2,600.00	$ 5,200.00	104%
18	18" Safety End Treatment (per TXDOT SETP-PD Standard Details)	EA	1	$ 1,800.00	$ 1,800.00	$ 3,800.00	$ 3,800.00	211%	$ 2,200.00	$ 2,200.00	122%
19	24" Safety End Treatment (per TXDOT SETP-PD Standard Details)	EA	2	$ 2,100.00	$ 4,200.00	$ 4,300.00	$ 8,600.00	205%	$ 3,000.00	$ 6,000.00	143%
20	27" Safety End Treatment (per TXDOT SETP-PD Standard Details)	EA	1	$ 2,300.00	$ 2,300.00	$ 4,800.00	$ 4,800.00	209%	$ 3,100.00	$ 3,100.00	135%
21	24" Type B Headwall	EA	1	$ 1,800.00	$ 1,800.00	$ 3,500.00	$ 3,500.00	194%	$ 5,000.00	$ 5,000.00	278%
22	5' X 4' Headwall (per TXDOT CH-FW-0)	EA	1	$ 8,700.00	$ 8,700.00	$ 14,425.00	$ 14,425.00	166%	$ 3,800.00	$ 3,800.00	44%
23	11' X 4' Wing Wall (per TXDOT CH-FW-0)	EA	2	$ 16,000.00	$ 32,000.00	$ 15,000.00	$ 30,000.00	94%	$ 8,500.00	$ 17,000.00	53%
24	12"-18" Rock Rip Rap	SY	847	$ 52.00	$ 44,044.00	$ 56.00	$ 47,432.00	108%	$ 255.00	$ 215,985.00	490%
25	Vmax SC250 Turf Reinforcement Mat	SY	138	$ 5.00	$ 690.00	$ 40.00	$ 5,520.00	800%	$ 38.00	$ 5,244.00	760%
26	5' W X 5" Thk Concrete Pilot Channel	LF	1329	$ 11.50	$ 15,283.50	$ 51.00	$ 67,779.00	443%	$ 62.00	$ 82,398.00	539%
27	Trench Safety Systems for Storm Sewer Lines	LF	5212	$ 1.50	$ 7,818.00	$ 0.25	$ 1,303.00	17%	$ 1.00	$ 5,212.00	67%
28	Trash Rack / Protection Barrier at detention pond outfall	LS	1	$ 8,500.00	$ 8,500.00	$ 13,000.00	$ 13,000.00	153%	$ 10,200.00	$ 10,200.00	120%
SECTION B: DRAINAGE ITEMS - SUBTOTAL					$ 579,066.00		$ 1,019,888.00	176%		$ 1,364,962.00	236%

ITEM NO.	Pavecon Public Works BID			McMahon Contracting L.P. BID			Texas Sterling Construction Co. BID		
	UNIT PRICE	TOTAL		UNIT PRICE	TOTAL		UNIT PRICE	TOTAL	
SECTION A: PAVING ITEMS - STANDARD									
1	$ 1,895.39	$ 36,979.06	474%	$ 7,671.68	$ 149,674.48	1918%	$ 1,500.00	$ 29,265.00	375%
2	$ 1,895.39	$ 6,046.29	474%	$ 9,050.83	$ 28,872.15	2263%	$ 1,500.00	$ 4,785.00	375%
3	$ 1,895.39	$ 12,054.68	474%	$ 14,219.51	$ 90,436.08	3555%	$ 1,500.00	$ 9,540.00	375%
4	$ 9.42	$ 108,735.06	209%	$ 8.61	$ 99,385.23	191%	$ 12.00	$ 138,516.00	267%
5	$ 2.70	$ 14,112.90	60%	$ 7.64	$ 39,934.28	170%	$ 2.50	$ 13,067.50	56%
6	$ 48.59	$ 579,047.03	113%	$ 41.19	$ 490,861.23	96%	$ 60.00	$ 715,020.00	140%
7	$ 164.81	$ 229,580.33	109%	$ 192.34	$ 267,929.62	127%	$ 213.00	$ 296,709.00	141%
8	$ 5.58	$ 215,873.46	140%	$ 3.35	$ 129,601.45	84%	$ 5.00	$ 193,435.00	125%
9	$ 25.30	$ 52,624.00	127%	$ 37.76	$ 78,540.80	189%	$ 38.00	$ 79,040.00	190%
10	$ 5.40	$ 130,977.00	108%	$ 5.60	$ 135,828.00	112%	$ 4.00	$ 97,020.00	80%
11	$ 5.62	$ 136,313.10	112%	$ 1.62	$ 39,293.10	32%	$ 0.60	$ 14,553.00	12%
12	$ 19.26	$ 751.14	64%	$ 19.00	$ 741.00	63%	$ 1.50	$ 58.50	5%
13	$ 40.30	$ 276,458.00	112%	$ 35.94	$ 246,548.40	100%	$ 30.00	$ 205,800.00	83%
14	$ 14.37	$ 574.80	72%	$ 25.75	$ 1,030.00	129%	$ 33.00	$ 1,320.00	165%
15	$ 25.50	$ 54,544.50	91%	$ 24.05	$ 51,442.95	86%	$ 16.00	$ 34,224.00	57%
16	$ 61.47	$ 52,495.38	110%	$ 47.74	$ 40,769.96	85%	$ 36.00	$ 30,744.00	64%
17	$ 167.40	$ 106,299.00	364%	$ 129.80	$ 82,423.00	282%	$ 55.00	$ 34,925.00	120%
18	$ 11.50	$ 24,104.00	33%	$ 14.58	$ 30,559.68	42%	$ 4.00	$ 8,384.00	11%
19	$ 91.92	$ 15,810.24	177%	$ 62.78	$ 10,798.16	121%	$ 75.00	$ 12,900.00	144%
20	$ 1.13	$ 4,002.46	65%	$ 1.24	$ 4,392.08	71%	$ 1.05	$ 3,719.10	60%
21	$ 1.13	$ 364.99	65%	$ 1.24	$ 400.52	71%	$ 1.05	$ 339.15	60%
22	$ 2.27	$ 2,762.59	65%	$ 2.48	$ 3,018.16	71%	$ 2.10	$ 2,555.70	60%
23	$ 1.13	$ 1,706.30	57%	$ 1.24	$ 1,872.40	62%	$ 1.05	$ 1,585.50	53%
24	$ 0.49	$ 4,679.99	5%	$ 0.53	$ 5,062.03	6%	$ 0.45	$ 4,297.95	5%
25	$ 2.59	$ 1,139.60	29%	$ 2.83	$ 1,245.20	31%	$ 2.40	$ 1,056.00	27%
26	$ 1.30	$ 1,866.80	14%	$ 1.42	$ 2,039.12	16%	$ 1.20	$ 1,723.20	13%
27	$ 280.80	$ 2,527.20	165%	$ 306.80	$ 2,761.20	180%	$ 260.00	$ 2,340.00	153%
28	$ 6.48	$ 1,179.36	72%	$ 7.08	$ 1,288.56	79%	$ 6.00	$ 1,092.00	67%
29	$ 502.20	$ 15,066.00	100%	$ 548.70	$ 16,461.00	110%	$ 465.00	$ 13,950.00	93%
-	$ -	$ -		$ -	$ -		$ -	$ -	
30	$ 3,256.20	$ 6,512.40	130%	$ 3,557.70	$ 7,115.40	142%	$ 3,000.00	$ 6,000.00	120%
31	$ 53.47	$ 1,319,960.42	111%	$ 45.28	$ 1,117,782.08	94%	$ 67.15	$ 1,657,664.90	140%
SECTION A: PAVING ITEMS - SUBTOTAL		$ 3,415,148.08	112%		$ 3,178,107.32	104%		$ 3,615,629.50	119%
SECTION B: DRAINAGE ITEMS - STANDARD									
1	$ 250.56	$ 28,313.28	228%	$ 212.40	$ 24,001.20	193%	$ 200.00	$ 22,600.00	182%
2	$ 273.24	$ 45,084.60	174%	$ 359.90	$ 59,383.50	229%	$ 283.00	$ 46,695.00	180%
3	$ 62.64	$ 58,443.12	165%	$ 70.80	$ 66,056.40	186%	$ 67.00	$ 62,511.00	176%
4	$ 69.12	$ 21,703.68	165%	$ 79.06	$ 24,824.84	188%	$ 67.00	$ 21,038.00	160%
5	$ 78.84	$ 97,367.40	168%	$ 92.04	$ 113,669.40	196%	$ 70.00	$ 86,450.00	149%
6	$ 85.32	$ 26,790.48	167%	$ 100.30	$ 31,494.20	197%	$ 82.00	$ 25,748.00	161%
7	$ 98.28	$ 21,818.16	164%	$ 106.20	$ 23,576.40	177%	$ 94.00	$ 20,868.00	157%
8	$ 116.64	$ 10,031.04	169%	$ 129.80	$ 11,162.80	188%	$ 108.00	$ 9,288.00	157%
9	$ 126.36	$ 7,581.60	166%	$ 153.40	$ 9,204.00	202%	$ 129.00	$ 7,740.00	170%
10	$ 162.00	$ 156,654.00	176%	$ 188.80	$ 182,569.60	205%	$ 160.00	$ 154,720.00	174%
11	$ 187.92	$ 56,939.76	177%	$ 236.00	$ 71,508.00	223%	$ 187.00	$ 56,661.00	176%
12	$ 235.44	$ 117,720.00	169%	$ 295.00	$ 147,500.00	212%	$ 246.00	$ 123,000.00	177%
13	$ 5,310.36	$ 15,931.08	136%	$ 6,490.00	$ 19,470.00	166%	$ 4,300.00	$ 12,900.00	110%
14	$ 5,585.76	$ 11,171.52	116%	$ 8,260.00	$ 16,520.00	172%	$ 6,400.00	$ 12,800.00	133%
15	$ 8,305.20	$ 24,915.60	138%	$ 10,030.00	$ 30,090.00	167%	$ 9,300.00	$ 27,900.00	155%
16	$ 4,735.80	$ 104,187.60	163%	$ 5,192.00	$ 114,224.00	179%	$ 4,400.00	$ 96,800.00	152%
17	$ 7,065.36	$ 14,130.72	283%	$ 5,900.00	$ 11,800.00	236%	$ 8,400.00	$ 16,800.00	336%
18	$ 2,818.80	$ 2,818.80	157%	$ 3,304.00	$ 3,304.00	184%	$ 2,200.00	$ 2,200.00	122%
19	$ 3,202.20	$ 6,404.40	152%	$ 3,540.00	$ 7,080.00	169%	$ 2,400.00	$ 4,800.00	114%
20	$ 3,578.04	$ 3,578.04	156%	$ 3,776.00	$ 3,776.00	164%	$ 2,600.00	$ 2,600.00	113%
21	$ 4,457.16	$ 4,457.16	248%	$ 2,950.00	$ 2,950.00	164%	$ 2,900.00	$ 2,900.00	161%
22	$ 13,581.00	$ 13,581.00	156%	$ 8,850.00	$ 8,850.00	102%	$ 6,500.00	$ 6,500.00	75%
23	$ 22,141.08	$ 44,282.16	138%	$ 14,160.00	$ 28,320.00	89%	$ 8,900.00	$ 17,800.00	56%
24	$ 100.44	$ 85,072.68	193%	$ 100.30	$ 84,954.10	193%	$ 52.00	$ 44,044.00	100%
25	$ 33.70	$ 4,650.60	674%	$ 5.78	$ 797.64	116%	$ 31.00	$ 4,278.00	620%
26	$ 52.92	$ 70,330.68	460%	$ 43.35	$ 57,612.15	377%	$ 75.00	$ 99,675.00	652%
27	$ 0.11	$ 573.32	7%	$ 3.54	$ 18,450.48	236%	$ 0.50	$ 2,606.00	33%
28	$ 7,111.80	$ 7,111.80	84%	$ 14,160.00	$ 14,160.00	167%	$ 3,500.00	$ 3,500.00	41%
SECTION B: DRAINAGE ITEMS - SUBTOTAL		$ 1,061,644.28	183%		$ 1,187,308.71	205%		$ 995,422.00	172%

Mansfield International Business Park (2018031)
Opinion of Cost (Base Bid)
Date: 11/14/2019

Prepared by: Evolving Texas
Engineer's Estimate

ITEM NO.	DESCRIPTION	UNIT	QTY	Engineer's Estimate UNIT PRICE	Engineer's Estimate TOTAL	Jackson Construction WINNING BID UNIT PRICE	Jackson Construction WINNING BID TOTAL		Venus Construction BID UNIT PRICE	Venus Construction BID TOTAL		Pavecon Public Works BID UNIT PRICE	Pavecon Public Works BID TOTAL		McMahon Contracting L.P. BID UNIT PRICE	McMahon Contracting L.P. BID TOTAL		Texas Sterling Construction Co. BID UNIT PRICE	Texas Sterling Construction Co. BID TOTAL	
SECTION C: SANITARY SEWER ITEMS - STANDARD																				
1	8" PVC SDR-26 Sanitary Sewer Pipe by Open Cut (0'-10' Depth)	LF	3163	$ 29.00	$ 91,727.00	$ 38.00	$ 120,194.00	131%	$ 56.00	$ 177,128.00	193%	$ 38.88	$ 122,977.44	134%	$ 56.64	$ 179,152.32	195%	$ 37.00	$ 117,031.00	128%
2	8" PVC SDR-26 Sanitary Sewer Pipe by Open Cut (10'-12' Depth)	LF	1938	$ 32.00	$ 62,016.00	$ 40.00	$ 77,520.00	125%	$ 60.00	$ 116,280.00	188%	$ 43.20	$ 83,721.60	135%	$ 41.30	$ 80,039.40	129%	$ 37.00	$ 71,706.00	116%
3	8" PVC SDR-26 Sanitary Sewer Pipe by Open Cut (12'-14' Depth)	LF	120	$ 36.00	$ 4,320.00	$ 45.00	$ 5,400.00	125%	$ 75.00	$ 9,000.00	208%	$ 49.68	$ 5,961.60	138%	$ 47.20	$ 5,664.00	131%	$ 39.00	$ 4,680.00	108%
4	8" PVC SDR-26 Sanitary Sewer Pipe by Open Cut (14'-16' Depth)	LF	425	$ 42.00	$ 17,850.00	$ 47.00	$ 19,975.00	112%	$ 85.00	$ 36,125.00	202%	$ 55.08	$ 23,409.00	131%	$ 53.10	$ 22,567.50	126%	$ 45.00	$ 19,125.00	107%
5	8" PVC SDR-26 Sanitary Sewer Pipe by Open Cut (16'-18' Depth)	LF	335	$ 50.00	$ 16,750.00	$ 53.00	$ 17,755.00	106%	$ 93.00	$ 31,155.00	186%	$ 60.48	$ 20,260.80	121%	$ 59.00	$ 19,765.00	118%	$ 58.00	$ 19,430.00	116%
6	8" Force Main Pipe by Open Cut (0'-10' Depth)	LF	3527	$ 35.00	$ 123,445.00	$ 31.00	$ 109,337.00	89%	$ 41.00	$ 144,607.00	117%	$ 37.80	$ 133,320.60	108%	$ 60.18	$ 212,254.86	172%	$ 40.00	$ 141,080.00	114%
7	8" Force Main Pipe by Open Cut (10'-12' Depth)	LF	80	$ 48.00	$ 3,840.00	$ 49.00	$ 3,920.00	102%	$ 45.00	$ 3,600.00	94%	$ 43.20	$ 3,456.00	90%	$ 44.84	$ 3,587.20	93%	$ 44.00	$ 3,520.00	92%
8	Lift Station (with 60" Square Vault & associated appurtenances)	EA	1	$ 75,000.00	$ 75,000.00	$ 545,000.00	$ 545,000.00	727%	$ 387,500.00	$ 387,500.00	517%	$ 479,970.36	$ 479,970.36	640%	$ 307,413.60	$ 307,413.60	410%	$ 600,000.00	$ 600,000.00	800%
9	Standard 4' Dia. Concrete Sanitary Sewer Manhole to 6' depth	EA	19	$ 2,700.00	$ 51,300.00	$ 3,800.00	$ 72,200.00	141%	$ 5,000.00	$ 95,000.00	185%	$ 3,008.88	$ 57,168.72	111%	$ 4,720.00	$ 89,680.00	175%	$ 5,000.00	$ 95,000.00	185%
10	Extra Depth for 4' Sanitary Sewer Manhole over 10'	VF	99	$ 170.00	$ 16,830.00	$ 260.00	$ 25,740.00	153%	$ 550.00	$ 54,450.00	324%	$ 165.24	$ 16,358.76	97%	$ 177.00	$ 17,523.00	104%	$ 380.00	$ 37,620.00	224%
11	Standard 4' Dia. Sanitary Sewer Drop Manhole	EA	1	$ 4,400.00	$ 4,400.00	$ 5,300.00	$ 5,300.00	120%	$ 9,500.00	$ 9,500.00	216%	$ 4,561.92	$ 4,561.92	104%	$ 7,080.00	$ 7,080.00	161%	$ 9,100.00	$ 9,100.00	207%
12	8" Standard Sanitary Sewer Laterals from Main to Property Line	LF	383	$ 320.00	$ 122,560.00	$ 62.00	$ 23,746.00	19%	$ 125.00	$ 47,875.00	39%	$ 36.72	$ 14,063.76	11%	$ 59.00	$ 22,597.00	18%	$ 46.00	$ 17,618.00	14%
13	Connect to Ex. Sanitary Sewer Main (on STA: 16+69.60 SS-LINE C)	EA	1	$ 500.00	$ 500.00	$ 1,800.00	$ 1,800.00	360%	$ 1,300.00	$ 1,300.00	260%	$ 587.52	$ 587.52	118%	$ 5,900.00	$ 5,900.00	1180%	$ 1,200.00	$ 1,200.00	240%
14	Connect to Ex. Sanitary Sewer MH & Rework Invert (at Easy Dr & 5th Ave)	EA	1	$ 500.00	$ 500.00	$ 2,700.00	$ 2,700.00	540%	$ 1,800.00	$ 1,800.00	360%	$ 1,684.80	$ 1,684.80	337%	$ 5,900.00	$ 5,900.00	1180%	$ 4,800.00	$ 4,800.00	960%
15	Permanent Asphalt Pavement Repair	SF	4076	$ 9.00	$ 36,684.00	$ 10.50	$ 42,798.00	117%	$ 25.00	$ 101,900.00	278%	$ 7.56	$ 30,814.56	84%	$ 14.16	$ 57,716.16	157%	$ 6.50	$ 26,494.00	72%
16	Concrete Encasement	LF	74	$ 40.00	$ 2,960.00	$ 80.00	$ 5,920.00	200%	$ 35.00	$ 2,590.00	88%	$ 95.04	$ 7,032.96	238%	$ 59.00	$ 4,366.00	148%	$ 9.50	$ 703.00	24%
17	Trench Safety Systems for Sanitary Sewer Lines	LF	9627	$ 1.50	$ 14,440.50	$ 0.25	$ 2,406.75	17%	$ 1.00	$ 9,627.00	67%	$ 0.11	$ 1,058.97	7%	$ 3.54	$ 34,079.58	236%	$ 0.50	$ 4,813.50	33%
18	Std. 4' Dia. Composite Sanitary Sewer Manhole at Sta. 34+79.77	EA	1	$ 6,400.00	$ 6,400.00	$ 12,500.00	$ 12,500.00	195%	$ 20,000.00	$ 20,000.00	313%	$ 13,069.08	$ 13,069.08	204%	$ 16,520.00	$ 16,520.00	258%	$ 15,000.00	$ 15,000.00	234%
SECTION C: SANITARY SEWER ITEMS - SUBTOTAL					$ 651,522.50		$ 1,094,211.75	168%		$ 1,249,437.00	192%		$ 1,019,478.45	156%		$ 1,091,805.62	168%		$ 1,188,920.50	182%
SECTION D: WATER ITEMS - STANDARD																				
1	1" Water Line to Lift Station by Open Cut for All Depths	LF	1507	$ 15.00	$ 22,605.00	$ 15.00	$ 22,605.00	100%	$ 30.00	$ 45,210.00	200%	$ 20.52	$ 30,923.64	137%	$ 8.26	$ 12,447.82	55%	$ 24.00	$ 36,168.00	160%
2	10" Water Line Stub to UCS property (PVC C-900 DR-14)	LF	255	$ 45.00	$ 11,475.00	$ 48.00	$ 12,240.00	107%	$ 56.00	$ 14,280.00	124%	$ 38.88	$ 9,914.40	86%	$ 54.28	$ 13,841.40	121%	$ 57.00	$ 14,535.00	127%
3	12" Water Line (PVC C-900 DR-14) by Open Cut	LF	693	$ 41.00	$ 28,413.00	$ 60.00	$ 41,580.00	146%	$ 70.00	$ 48,510.00	171%	$ 46.44	$ 32,182.92	113%	$ 59.00	$ 40,887.00	144%	$ 56.00	$ 38,808.00	137%
4	16" PVC Water Line (C-900 DR-18 Class 150) by Cpen Cut	LF	4034	$ 90.00	$ 363,060.00	$ 55.00	$ 221,870.00	61%	$ 80.00	$ 322,720.00	89%	$ 57.24	$ 230,906.16	64%	$ 105.02	$ 423,650.68	117%	$ 65.00	$ 262,210.00	72%
5	24" PVC Water Line (C-900 DR-18 Class 150) by Open Cut	LF	1907	$ 120.00	$ 228,840.00	$ 100.00	$ 190,700.00	83%	$ 125.00	$ 238,375.00	104%	$ 108.00	$ 205,956.00	90%	$ 162.84	$ 310,535.88	136%	$ 111.00	$ 211,677.00	93%
6	10" Gate Valve & Box and associated appurtenances	EA	3	$ 2,700.00	$ 8,100.00	$ 2,200.00	$ 6,600.00	81%	$ 2,800.00	$ 8,400.00	104%	$ 2,180.52	$ 6,541.56	81%	$ 2,360.00	$ 7,080.00	87%	$ 3,100.00	$ 9,300.00	115%
7	12" Gate Valve & Box and associated appurtenances	EA	2	$ 2,200.00	$ 4,400.00	$ 2,600.00	$ 5,200.00	118%	$ 3,500.00	$ 7,000.00	159%	$ 2,535.84	$ 5,071.68	115%	$ 2,714.00	$ 5,428.00	123%	$ 4,700.00	$ 9,400.00	214%
8	16" Gate Valve & Box and associated appurtenances	EA	6	$ 4,000.00	$ 24,000.00	$ 7,400.00	$ 44,400.00	185%	$ 8,200.00	$ 49,200.00	205%	$ 5,405.40	$ 32,432.40	135%	$ 5,664.00	$ 33,984.00	142%	$ 5,900.00	$ 35,400.00	148%
9	Ductile Iron Fittings	TN	6.65	$ 4,300.00	$ 28,595.00	$ 7,000.00	$ 46,550.00	163%	$ 2,500.00	$ 16,625.00	58%	$ 9,742.68	$ 64,788.82	227%	$ 6,254.00	$ 41,589.10	145%	$ 6,200.00	$ 41,230.00	144%
10	6" Blow-Off Valve and associated appurtenances	EA	1	$ 8,500.00	$ 8,500.00	$ 5,000.00	$ 5,000.00	59%	$ 5,200.00	$ 5,200.00	61%	$ 6,227.28	$ 6,227.28	73%	$ 5,310.00	$ 5,310.00	62%	$ 6,000.00	$ 6,000.00	71%
11	2" Air Relief Valve and associated appurtenances	EA	3	$ 4,200.00	$ 12,600.00	$ 6,500.00	$ 19,500.00	155%	$ 6,000.00	$ 18,000.00	143%	$ 8,528.76	$ 25,586.28	203%	$ 8,850.00	$ 26,550.00	211%	$ 3,600.00	$ 10,800.00	86%
12	Fire Hydrant Assembly	EA	16	$ 3,200.00	$ 51,200.00	$ 6,000.00	$ 96,000.00	188%	$ 7,300.00	$ 116,800.00	228%	$ 4,815.72	$ 77,051.52	150%	$ 4,484.00	$ 71,744.00	140%	$ 5,600.00	$ 89,600.00	175%
13	Remove & Replace Asphalt Driveway	SY	25	$ 80.00	$ 2,000.00	$ 95.00	$ 2,375.00	119%	$ 310.00	$ 7,750.00	388%	$ 179.28	$ 4,482.00	224%	$ 100.30	$ 2,507.50	125%	$ 232.00	$ 5,800.00	290%
14	Install City Furnished 1-inch Meter Box	EA	4	$ 604.00	$ 2,416.00	$ 125.00	$ 500.00	21%	$ 500.00	$ 2,000.00	83%	$ 1,784.16	$ 7,136.64	295%	$ 59.00	$ 236.00	10%	$ 467.00	$ 1,868.00	77%
15	Trench Safety Systems for Water Lines	LF	8396	$ 1.50	$ 12,594.00	$ 0.10	$ 839.60	7%	$ 1.00	$ 8,396.00	67%	$ 0.11	$ 923.56	7%	$ 3.54	$ 29,721.84	236%	$ 0.50	$ 4,198.00	33%
16	1" Std. Water Service (43 LF) & Tap-Saddle from Main - Median for irrigation	EA	3	$ 850.00	$ 2,550.00	$ 1,350.00	$ 4,050.00	159%	$ 1,250.00	$ 3,750.00	147%	$ 1,128.60	$ 3,385.80	133%	$ 2,360.00	$ 7,080.00	278%	$ 3,000.00	$ 9,000.00	353%
17	Reduced Pressure Backflow Preventer	EA	1	$ 1,200.00	$ 1,200.00	$ 1,800.00	$ 1,800.00	150%	$ 1,500.00	$ 1,500.00	125%	$ 864.00	$ 864.00	72%	$ 5,900.00	$ 5,900.00	492%	$ 1,500.00	$ 1,500.00	125%
SECTION D: WATER ITEMS - SUBTOTAL					$ 812,548.00		$ 721,809.60	89%		$ 913,716.00	112%		$ 744,374.66	92%		$ 1,038,493.22	128%		$ 787,494.00	97%
SECTION E: GRADING ITEMS - STANDARD																				
1	Unclassified Earthwork Cut (for Channel A & Detention Pond)	CY	50,241	$ 4.50	$ 226,084.50	$ 3.75	$ 188,403.75	83%	$ 3.30	$ 165,795.30	73%	$ 3.41	$ 171,321.81	76%	$ 5.87	$ 294,914.67	130%	$ 5.50	$ 276,325.50	147%
2	Ex. Barb Wire Fence Removal	LF	1102	$ 2.50	$ 2,755.00	$ 2.00	$ 2,204.00	80%	$ 1.10	$ 1,212.20	44%	$ 1.73	$ 1,906.46	69%	$ 5.14	$ 5,664.28	206%	$ 2.00	$ 2,204.00	100%
3	Erosion Control Items	LS	1	$ 25,000.00	$ 25,000.00	$ 110,000.00	$ 110,000.00	440%	$ 110,000.00	$ 110,000.00	440%	$ 77,745.96	$ 77,745.96	311%	$ 91,650.60	$ 91,650.60	367%	$ 113,000.00	$ 113,000.00	103%
SECTION E: GRADING ITEMS - SUBTOTAL					$ 253,839.50		$ 300,607.75	118%		$ 277,007.50	109%		$ 250,974.23	99%		$ 392,229.55	155%		$ 391,529.50	130%
SECTION F: MISCELLANEOUS ITEMS																				
1	4" Schedule 80 (Gray) Electrical Condui	LF	82	$ 16.00	$ 1,312.00	$ 18.00	$ 1,476.00	113%	$ 24.00	$ 1,968.00	150%	$ 20.52	$ 1,682.64	128%	$ 25.96	$ 2,128.72	162%	$ 10.00	$ 820.00	63%
2	6" Schedule 80 (Gray) Electical Condui	LF	838	$ 18.00	$ 15,084.00	$ 20.00	$ 16,760.00	111%	$ 26.00	$ 21,788.00	144%	$ 22.68	$ 19,005.84	126%	$ 30.68	$ 25,709.84	170%	$ 10.00	$ 8,380.00	56%
3	6" Schedule 40 (White) Irrigation Condui	LF	921	$ 20.00	$ 18,420.00	$ 13.00	$ 11,973.00	65%	$ 22.00	$ 20,262.00	110%	$ 22.68	$ 20,888.28	113%	$ 30.68	$ 28,256.28	153%	$ 10.00	$ 9,210.00	50%
4	8" Schedule 40 (White) Irrigation Condui	LF	82	$ 22.00	$ 1,804.00	$ 20.00	$ 1,640.00	91%	$ 27.00	$ 2,214.00	123%	$ 27.00	$ 2,214.00	123%	$ 25.96	$ 2,128.72	118%	$ 10.00	$ 820.00	45%
SECTION F:MISCELLANEOUS ITEMS - SUBTOTAL					$ 36,620.00		$ 31,849.00	87%		$ 46,232.00	126%		$ 43,790.76	120%		$ 58,223.56	159%		$ 19,230.00	53%
SECTION G: CONTIGENCY																				
1	Contigency (10%)				*$ 537,549.93*															
	Total Construction Including Contingency (A-G)				*$ 5,913,049.18*		*$ 6,442,395.10*	109%		*$ 7,377,296.50*	125%		*$ 6,535,410.47*	111%		*$ 6,946,167.98*	117%		*$ 6,998,225.50*	118%

Mansfield International Business Park (2018031)
Opinion of Cost (Base Bid)
Date: 11/14/2019

Prepared by: Evolving Texas
Engineer's Estimate

				Engineer's Estimate		Jackson Construction WINNING BID			Venus Construction BID			Pavecon Public Works BID			McMahon Contracting L.P. BID			Texas Sterling Construction Co. BID		
ITEM NO.	**DESCRIPTION**	**UNIT**	**QTY**	**UNIT PRICE**	**TOTAL**	**UNIT PRICE**	**TOTAL**		**UNIT PRICE**	**TOTAL**		**UNIT PRICE**	**TOTAL**		**UNIT PRICE**	**TOTAL**		**UNIT PRICE**	**TOTAL**	
SECTION A: PAVING ITEMS - OPTION A																				
1	Unclassified Earthwork Fill (for Streets)	CY	762	$ 4.50	$ 3,429.00	$ 3.00	$ 2,286.00	67%	$ 0.55	$ 419.10	12%	$ 2.70	$ 2,057.40	60%	$ 9.63	$ 7,338.06	214%	$ 2.50	$ 1,905.00	56%
2	Unclassified Earthwork (Cut) (For Streets)	CY	1782	$ 4.50	$ 8,019.00	$ 9.00	$ 16,038.00	200%	$ 3.30	$ 5,880.60	73%	$ 7.50	$ 13,365.00	167%	$ 7.94	$ 14,149.08	176%	$ 18.00	$ 32,076.00	400%
3	8" Reinforced Concrete Pavement	SY	6338	$ 43.00	$ 272,534.00	$ 44.00	$ 278,872.00	102%	$ 48.00	$ 304,224.00	112%	$ 48.59	$ 307,963.42	113%	$ 41.14	$ 260,745.32	96%	$ 53.00	$ 335,914.00	123%
4	Hydrated Lime for 12" Stabilized Subgrade (72 LBS / SY)	TN	239	$ 151.00	$ 36,089.00	$ 190.00	$ 45,410.00	126%	$ 176.00	$ 42,064.00	117%	$ 164.81	$ 39,389.59	109%	$ 192.34	$ 45,969.26	127%	$ 183.00	$ 43,737.00	121%
5	12" Lime Stabilized Subgrade (Compacted and Fill in-place)	SY	6642	$ 4.00	$ 26,568.00	$ 4.50	$ 29,889.00	113%	$ 4.15	$ 27,564.30	104%	$ 5.58	$ 37,062.36	140%	$ 3.31	$ 21,985.02	83%	$ 4.50	$ 29,889.00	113%
6	Grass Sodding	SY	5597	$ 5.00	$ 27,985.00	$ 5.00	$ 27,985.00	100%	$ 6.00	$ 33,582.00	120%	$ 5.45	$ 30,503.65	109%	$ 5.60	$ 31,343.20	112%	$ 3.00	$ 16,791.00	60%
7	Topsoil for Sodding	SY	5597	$ 5.00	$ 27,985.00	$ 5.50	$ 30,783.50	110%	$ 7.00	$ 39,179.00	140%	$ 5.83	$ 32,630.51	117%	$ 1.69	$ 9,458.93	34%	$ 0.50	$ 2,798.50	10%
8	White 4" Single Broken Buttons	LF	1175	$ 2.00	$ 2,350.00	$ 0.50	$ 587.50	25%	$ 1.00	$ 1,175.00	50%	$ 0.49	$ 575.75	25%	$ 0.53	$ 622.75	27%	$ 0.45	$ 528.75	23%
9	White 24" Continuous Stop Lines (Type 1 Thermoplastic)	LF	19	$ 9.00	$ 171.00	$ 16.00	$ 304.00	178%	$ 7.00	$ 133.00	78%	$ 6.48	$ 123.12	72%	$ 7.08	$ 134.52	79%	$ 6.00	$ 114.00	67%
10	Street Signs	EA	1	$ 500.00	$ 500.00	$ 450.00	$ 450.00	90%	$ 400.00	$ 400.00	80%	$ 502.20	$ 502.20	100%	$ 548.70	$ 548.70	110%	$ 465.00	$ 465.00	93%
11	Street Light	EA	6	$ -	$ -	$ -	$ -			$ -		$ -	$ -		$ -	$ -		$ -	$ -	
SECTION A: PAVING ITEMS - OPTION A - SUBTOTAL					$ 405,630.00		$ 432,605.00	107%		$ 454,621.00	112%		$ 464,173.00	114%		$ 392,294.84	97%		$ 464,218.25	114%
SECTION B: DRAINAGE ITEMS - OPTION A																				
1	5' X 4' Reinforced Concrete Box (Class III) by Open Cut for All Depths	LF	235	$ 157.00	$ 36,895.00	$ 280.00	$ 65,800.00	178%	$ 306.00	$ 71,910.00	195%	$ 308.88	$ 72,586.80	197%	$ 359.90	$ 84,576.50	229%	$ 253.00	$ 59,455.00	161%
2	6' X 4' Reinforced Concrete Box (Class III) by Open Cut for All Depths	LF	574	$ 195.00	$ 111,930.00	$ 325.00	$ 186,550.00	167%	$ 387.00	$ 222,138.00	198%	$ 374.76	$ 215,112.24	192%	$ 424.80	$ 243,835.20	218%	$ 303.00	$ 173,922.00	155%
3	8' X 4' Reinforced Concrete Box (Class III) by Open Cut for All Depths	LF	782	$ 260.00	$ 203,320.00	$ 410.00	$ 320,620.00	158%	$ 510.00	$ 398,820.00	196%	$ 473.04	$ 369,917.28	182%	$ 560.50	$ 438,311.00	216%	$ 400.00	$ 312,800.00	154%
4	18" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	158	$ 38.00	$ 6,004.00	$ 68.00	$ 10,744.00	179%	$ 75.00	$ 11,850.00	197%	$ 86.40	$ 13,651.20	227%	$ 70.80	$ 11,186.40	186%	$ 63.00	$ 9,954.00	166%
5	33" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	30	$ 69.00	$ 2,070.00	$ 150.00	$ 4,500.00	217%	$ 137.00	$ 4,110.00	199%	$ 137.16	$ 4,114.80	199%	$ 129.80	$ 3,894.00	188%	$ 138.00	$ 4,140.00	200%
6	36" Reinforced Concrete Pipe (Class III) by Open Cut for All Depths	LF	40	$ 76.00	$ 3,040.00	$ 152.00	$ 6,080.00	200%	$ 160.00	$ 6,400.00	211%	$ 154.44	$ 6,177.60	203%	$ 153.40	$ 6,136.00	202%	$ 131.00	$ 5,240.00	172%
7	Manhole Riser on RCB	EA	1	$ 2,000.00	$ 2,000.00	$ 4,800.00	$ 4,800.00	240%	$ 12,000.00	$ 12,000.00	600%	$ 1,556.28	$ 1,556.28	78%	$ 14,160.00	$ 14,160.00	708%	$ 2,400.00	$ 2,400.00	120%
8	10-ft Recessed Curb Inlet	EA	5	$ 2,900.00	$ 14,500.00	$ 4,300.00	$ 21,500.00	148%	$ 4,700.00	$ 23,500.00	162%	$ 6,353.64	$ 31,768.20	219%	$ 5,192.00	$ 25,960.00	179%	$ 4,500.00	$ 22,500.00	155%
9	8' X 4' Wing Wall (per TXDOT CH-FW-0)	EA	1	$ 11,000.00	$ 11,000.00	$ 14,750.00	$ 14,750.00	134%	$ 6,300.00	$ 6,300.00	57%	$ 22,731.84	$ 22,731.84	207%	$ 11,800.00	$ 11,800.00	107%	$ 7,600.00	$ 7,600.00	69%
10	12"-18" Rock Rip Rap	SY	43	$ 40.00	$ 1,720.00	$ 56.00	$ 2,408.00	140%	$ 255.00	$ 10,965.00	638%	$ 140.40	$ 6,037.20	351%	$ 118.00	$ 5,074.00	295%	$ 114.00	$ 4,902.00	285%
11	Connect to Ex. 5' X 4' RCB	EA	1	$ 500.00	$ 500.00	$ 100.00	$ 100.00	20%	$ 2,600.00	$ 2,600.00	520%	$ 1,945.08	$ 1,945.08	389%	$ 1,770.00	$ 1,770.00	354%	$ 1,100.00	$ 1,100.00	220%
12	Trench Safety Systems for Storm Sewer Lines	LF	1819	$ 1.50	$ 2,728.50	$ 0.25	$ 454.75	17%	$ 1.00	$ 1,819.00	67%	$ 0.11	$ 200.09	7%	$ 3.54	$ 6,439.26	236%	$ 0.50	$ 909.50	33%
SECTION B: DRAINAGE ITEMS - OPTION A - SUBTOTAL					$ 395,707.50		$ 638,306.75	161%		$ 772,412.00	195%		$ 745,798.61	188%		$ 853,142.36	216%		$ 604,922.50	153%
SECTION C: WATER ITEMS - OPTION A																				
1	12" Water Line (PVC C-900 DR-14) by Open Cut	LF	1164	$ 41.00	$ 47,724.00	$ 45.00	$ 52,380.00	110%	$ 69.00	$ 80,316.00	168%	$ 61.48	$ 71,562.72	150%	$ 59.00	$ 68,676.00	144%	$ 49.00	$ 57,036.00	120%
2	Ductile Iron Fittings	TN	1.17	$ 4,300.00	$ 5,031.00	$ 7,000.00	$ 8,190.00	163%	$ 5,200.00	$ 6,084.00	121%	$ 8,389.36	$ 9,815.55	195%	$ 7,080.00	$ 8,283.60	165%	$ 1,600.00	$ 1,872.00	37%
3	Fire Hydrant Assembly	EA	3	$ 3,200.00	$ 9,600.00	$ 5,450.00	$ 16,350.00	170%	$ 4,500.00	$ 13,500.00	141%	$ 5,524.12	$ 16,572.36	173%	$ 4,484.00	$ 13,452.00	140%	$ 4,800.00	$ 14,400.00	150%
4	Connect to Ex. 12" Waterline	EA	1	$ 500.00	$ 500.00	$ 2,400.00	$ 2,400.00	480%	$ 5,500.00	$ 5,500.00	1100%	$ 1,705.24	$ 1,705.24	341%	$ 4,130.00	$ 4,130.00	826%	$ 1,400.00	$ 1,400.00	280%
5	Trench Safety Systems for Water Lines	LF	1164	$ 1.50	$ 1,746.00	$ 0.10	$ 116.40	7%	$ 1.00	$ 1,164.00	67%	$ 1.11	$ 1,292.04	74%	$ 3.54	$ 4,120.56	236%	$ 0.50	$ 582.00	33%
SECTION C: WATER ITEMS - OPTION A - SUBTOTAL					$ 64,601.00		$ 79,436.40	123%		$ 106,564.00	165%		$ 100,947.91	156%		$ 98,662.16	153%		$ 75,290.00	117%
SECTION D: CONTIGENCY - OPTION A																				
1	Contigency (10%)				*$ 86,593.85*															
	Total Construction Including Contingency (A-G)				*$ 952,532.35*		*$ 1,150,348.15*	121%		*$ 1,333,597.00*	140%		*$ 1,310,919.52*	138%		*$ 1,344,099.36*	141%		*$ 1,144,430.75*	120%

Total based on 2 rather than 3 units*