

BID TAB
Drainage Improvements for Somerset, Phase 1
City of Mansfield & City of Mansfield ETJ, Ellis and Johnson Counties, Texas
Estimated Quantities and Unit Costs
JB1 Project No. HPC098A

Section A - Drainage

Item No.	Description	Quantity	Unit	Condie Construction		Venus Construction		Lacy Construction	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1.	7"x4' RCB including trench, embedment, backfill, and compaction, complete in place	353	LF	\$397.00	\$140,141.00	\$374.59	\$132,230.27	\$387.05	\$136,628.65
2.	6"x4' RCB including trench, embedment, backfill, and compaction, complete in place	304	LF	\$327.00	\$99,408.00	\$313.45	\$95,288.80	\$322.03	\$97,897.12
2A.	Water tight 6"x4' RCB including trench, embedment, backfill, and compaction, complete in place	469	LF	\$332.00	\$155,708.00	\$423.70	\$198,715.30	\$391.07	\$183,411.83
3.	6"x3' RCB including trench, embedment, backfill, and compaction, complete in place	684	LF	\$303.00	\$207,252.00	\$285.30	\$195,145.20	\$293.87	\$201,007.08
3A.	Water tight 6"x3' RCB including trench, embedment, backfill, and compaction, complete in place	201	LF	\$310.00	\$62,310.00	\$385.94	\$77,573.94	\$346.76	\$69,698.76
4.	6"x2' RCB including trench, embedment, backfill, and compaction, complete in place	528	LF	\$253.00	\$133,584.00	\$248.80	\$131,366.40	\$248.67	\$131,297.76
5.	5"x4' RCB including trench, embedment, backfill, and compaction, complete in place	387	LF	\$255.00	\$98,685.00	\$246.92	\$95,558.04	\$256.96	\$99,443.52
6.	4"x4' RCB including trench, embedment, backfill, and compaction, complete in place	479	LF	\$212.00	\$101,548.00	\$205.78	\$98,568.62	\$217.40	\$104,134.60
7.	4"x2' RCB including trench, embedment, backfill, and compaction, complete in place	142	LF	\$167.00	\$23,714.00	\$162.74	\$23,109.08	\$167.18	\$23,739.56
8.	48" diameter RCP including trench, embedment, backfill, and compaction, complete in place	35	LF	\$185.00	\$6,475.00	\$163.01	\$5,705.35	\$175.11	\$6,128.85
9.	42" diameter RCP including trench, embedment, backfill, and compaction, complete in place	619	LF	\$151.00	\$93,469.00	\$137.86	\$85,335.34	\$147.87	\$91,531.53
9A.	42" diameter Gasketed RCP including trench, embedment, backfill, and compaction, complete in place	268	LF	\$171.00	\$45,828.00	\$157.83	\$42,298.44	\$165.28	\$44,295.04
10.	36" diameter RCP including trench, embedment, backfill, and compaction, complete in place	124	LF	\$113.00	\$14,012.00	\$104.50	\$12,958.00	\$111.47	\$13,822.28
10A.	36" diameter Gasketed RCP including trench, embedment, backfill, and compaction, complete in place	110	LF	\$134.00	\$14,740.00	\$125.21	\$13,773.10	\$131.19	\$14,430.90
11.	30" diameter RCP including trench, embedment, backfill, and compaction, complete in place	565	LF	\$84.00	\$47,460.00	\$76.78	\$43,380.70	\$82.30	\$46,499.50
12.	24" diameter RCP including trench, embedment, backfill, and compaction, complete in place	1,819	LF	\$66.00	\$120,054.00	\$60.95	\$110,868.05	\$64.40	\$117,143.60
13.	21" diameter RCP including trench, embedment, backfill, and compaction, complete in place	1,417	LF	\$59.00	\$83,603.00	\$52.71	\$74,690.07	\$54.61	\$77,382.37
14.	18" diameter RCP including trench, embedment, backfill, and compaction, complete in place	2,117	LF	\$51.00	\$107,967.00	\$46.95	\$99,393.15	\$49.01	\$103,754.17
15.	15" diameter Class IV RCP including trench, embedment, backfill, and compaction, complete in place	240	LF	\$51.00	\$12,240.00	\$41.92	\$10,060.80	\$42.45	\$10,188.00
16.	15' standard curb inlet per City of Mansfield Standard Detail Sheet SD-1, to include stage 1 erosion control, complete in place	4	EA	\$6,465.00	\$25,860.00	\$4,130.56	\$16,522.24	\$4,633.20	\$18,532.80
17.	10' standard curb inlet per City of Mansfield Standard Detail Sheet SD-1, to include stage 1 erosion control, complete in place	64	EA	\$4,995.00	\$319,680.00	\$3,090.70	\$197,804.80	\$3,527.55	\$225,763.20
18.	5' standard curb inlet per City of Mansfield Standard Detail Sheet SD-1, to include stage 1 erosion control, complete in place	2	EA	\$2,960.00	\$5,920.00	\$2,628.54	\$5,257.08	\$2,737.80	\$5,475.60
19.	4"x4' standard drop inlet per City of Mansfield Standard Detail Sheet SD-2, to include stage 1 erosion control, complete in place	3	EA	\$5,880.00	\$17,640.00	\$2,686.31	\$8,058.93	\$4,001.10	\$12,003.30
20.	7"x4' storm sewer manhole, complete in place	1	EA	\$6,730.00	\$6,730.00	\$3,755.05	\$3,755.05	\$6,318.00	\$6,318.00
21.	7"x5' storm sewer manhole, complete in place	2	EA	\$8,370.00	\$16,740.00	\$4,159.44	\$8,318.88	\$7,160.40	\$14,320.80
22.	7"x7' storm sewer manhole, complete in place	1	EA	\$14,375.00	\$14,375.00	\$6,585.78	\$6,585.78	\$8,213.40	\$8,213.40
23.	6"x5' storm sewer manhole, complete in place	1	EA	\$6,835.00	\$6,835.00	\$4,506.06	\$4,506.06	\$6,212.70	\$6,212.70
24.	5"x5' storm sewer manhole, complete in place	2	EA	\$6,835.00	\$13,670.00	\$4,043.90	\$8,087.80	\$5,159.70	\$10,319.40
25.	4"x4' storm sewer manhole, complete in place	1	EA	\$4,865.00	\$4,865.00	\$2,946.27	\$2,946.27	\$4,001.40	\$4,001.40
26.	4"x3' storm sewer manhole, complete in place	2	EA	\$4,865.00	\$9,730.00	\$2,541.88	\$5,083.76	\$4,001.40	\$8,002.80
27.	3"x3' storm sewer manhole, complete in place	2	EA	\$4,050.00	\$8,100.00	\$3,061.81	\$6,123.62	\$3,369.60	\$6,739.20

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Section A - Drainage (continued)

Item No.	Description	Quantity	Unit	Condie Construction		Venus Construction		Lacy Construction	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
28.	3'x5' storm sewer manhole, complete in place	1	EA	\$5,230.00	\$5,230.00	\$3,523.97	\$3,523.97	\$4,001.40	\$4,001.40
29.	Type PW headwall with 4:1 side slopes at double 7'x4' RCB, complete in place (Pond 4 Outfall)	2	EA	\$15,310.00	\$30,620.00	\$16,175.60	\$32,351.20	\$13,683.74	\$27,367.48
30.	Type PW headwall with 4:1 side slopes at 6'x2' RCB, complete in place (STM 1)	1	EA	\$20,785.00	\$20,785.00	\$10,976.30	\$10,976.30	\$7,160.40	\$7,160.40
31.	Type C sloped-end headwall at 30" RCP, complete in place	1	EA	\$1,900.00	\$1,900.00	\$1,444.25	\$1,444.25	\$2,737.80	\$2,737.80
32.	Type C sloped-end headwall at 24" RCP, complete in place	3	EA	\$1,760.00	\$5,280.00	\$1,386.48	\$4,159.44	\$2,211.30	\$6,633.90
33.	Type C sloped-end headwall at 21" RCP, complete in place	1	EA	\$1,600.00	\$1,600.00	\$1,328.71	\$1,328.71	\$2,106.00	\$2,106.00
34.	Type C sloped-end headwall at triple 15" RCP, complete in place	2	EA	\$2,150.00	\$4,300.00	\$2,946.27	\$5,892.54	\$2,421.90	\$4,843.80
35.	Pond 5 Outfall structure (PW-0 headwall at 7'x4' RCB with 42" handrails), complete in place	1	EA	\$39,660.00	\$39,660.00	\$10,693.23	\$10,693.23	\$25,877.48	\$25,877.48
36.	Omitted				\$0.00		\$0.00		\$0.00
37.	PW headwall with flared wings at double 6'x4' RCB (Pond 6 Outfall), complete in place	1	EA	\$19,980.00	\$19,980.00	\$32,351.20	\$32,351.20	\$28,704.78	\$28,704.78
38.	PW headwall with forebay at 6'x4' RCB, complete in place (Channel to Pond 5 & STM 13)	2	EA	\$16,900.00	\$33,800.00	\$6,354.70	\$12,709.40	\$12,904.52	\$25,809.04
39.	PW-0 headwall at triple 6'x3' RCB (Pond 6A Inlet with forebay & Pond 7 Outfall), complete in place	3	EA	\$20,710.00	\$62,130.00	\$14,442.50	\$43,327.50	\$15,005.25	\$45,015.75
40.	CH-PW-0 headwall with forebay at 42" RCP, complete in place	2	EA	\$6,260.00	\$12,520.00	\$2,888.50	\$5,777.00	\$7,160.40	\$14,320.80
41.	CH-PW-0 headwall with forebay at 24" RCP, complete in place	5	EA	\$6,760.00	\$33,800.00	\$2,310.80	\$11,554.00	\$5,475.60	\$27,378.00
42.	CH-PW-0 headwall with forebay at 21" RCP, complete in place	1	EA	\$7,990.00	\$7,990.00	\$2,253.03	\$2,253.03	\$5,265.00	\$5,265.00
43.	CH-PW-0 headwall with forebay at 18" RCP, complete in place	3	EA	\$7,120.00	\$21,360.00	\$1,733.10	\$5,199.30	\$4,717.44	\$14,152.32
44.	SETB-SW-0 headwall at 7'x4' RCB (Pond 5 Outfall), complete in place	1	EA	\$37,480.00	\$37,480.00	\$2,888.50	\$2,888.50	\$11,587.21	\$11,587.21
45.	SETB-SW-0 headwall at 6'x4' RCB, complete in place (Channel to Pond 5)	1	EA	\$18,070.00	\$18,070.00	\$3,177.35	\$3,177.35	\$9,424.35	\$9,424.35
46.	SETB-SW-0 headwall at triple 6'x3' RCB (Pond 6A inlet), complete in place	1	EA	\$36,060.00	\$36,060.00	\$3,466.20	\$3,466.20	\$22,028.73	\$22,028.73
47.	Omitted				\$0.00		\$0.00		\$0.00
48.	Omitted				\$0.00		\$0.00		\$0.00
49.	8" grouted rock rip rap, complete in place	947	SY	\$82.00	\$77,654.00	\$70.48	\$66,744.56	\$94.77	\$89,747.19
50.	Spillway at Pond 4 to include fine grading, concrete rip rap, black vinyl fencing for trash rack, complete in place	1	LS	\$44,950.00	\$44,950.00	\$25,072.18	\$25,072.18	\$59,942.03	\$59,942.03
51.	Spillway at Pond 5A to include fine grading and concrete rip rap, complete in place	1	LS	\$73,020.00	\$73,020.00	\$42,980.88	\$42,980.88	\$89,478.68	\$89,478.68
52.	Pond 6 Hooded outfall structure to include structural shop drawings, complete in place	1	LS	\$42,840.00	\$42,840.00	\$16,175.60	\$16,175.60	\$52,650.00	\$52,650.00
53.	Spillway at Pond 6A to include fine grading, concrete rip rap, complete in place	1	LS	\$129,820.00	\$129,820.00	\$62,530.25	\$62,530.25	\$116,405.86	\$116,405.86
54.	Spillway at Pond 7 to include fine grading, concrete rip rap, black vinyl fencing for trash rack, complete in place	1	LS	\$54,840.00	\$54,840.00	\$16,060.06	\$16,060.06	\$49,575.24	\$49,575.24
55.	Concrete pilot channel at Hardy Road and Cicada, complete in place	32	SY	\$94.00	\$3,008.00	\$48.53	\$1,552.96	\$108.46	\$3,470.72
56.	Concrete rip rap with baffles at Pond 6 outfall per City of Mansfield Standard Detail Sheet SD-3, complete in place	150	SY	\$163.00	\$24,450.00	\$57.77	\$8,665.50	\$82.13	\$12,319.50
57.	Concrete rip rap at headwalls, complete in place	407	SY	\$95.00	\$38,665.00	\$48.53	\$19,751.71	\$61.60	\$25,071.20
58.	Excavation safety and support system including excavation safety plans for trenches over five feet in depth, complete in place	10,861	LF	\$1.00	\$10,861.00	\$0.27	\$2,932.47	\$0.27	\$2,932.47
59.	All testing, to include compaction, density, and material testing for drainage improvements as required by governing authority, ALPHA TESTING to be used exclusively by contractor , complete	10,861	LF	\$3.00	\$32,583.00	\$2.89	\$31,388.29	\$2.79	\$30,302.19
Subtotal Section A - Drainage					\$2,943,599.00		\$2,305,996.50		\$2,714,647.04

Section B - Miscellaneous

Item No.	Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1.	Maintenance bond per City of Mansfield requirements, complete	1	LS	\$42,335.00	\$42,335.00	\$1,733.10	\$1,733.10	\$37,500.00	\$37,500.00
Subtotal Section B - Miscellaneous					\$42,335.00		\$1,733.10		\$37,500.00

SUMMARY

Subtotal Section A - Drainage	\$2,943,599.00		\$2,305,996.50		\$2,714,647.04
Subtotal Section B - Miscellaneous	\$42,335.00		\$1,733.10		\$37,500.00
TOTAL DRAINAGE IMPROVEMENTS	\$2,985,934.00		\$2,307,729.60		\$2,752,147.04
Working days for substantial completion	60		50		125
Additional working days for final completion	20		10		