

**BID TABULATION**  
**Water and Sanitary Sewer Improvements for Somerset, Phase 1**  
**City of Mansfield & City of Mansfield ETJ, Ellis and Johnson Counties, Texas**  
**Estimated Quantities and Unit Costs**  
**JBI Project No. HPC098A**

6. CONDIE
5. LACY
3. VENUS
9. WILDSTONE
8. MOUNTAIN CASCADE
2. INTERSTATE PIPELINE

**Section A - Water**

Item No.	Description	Quantity	Unit	Unit Price	Total Price										
1.	20" diameter, C-905 DR-18 PVC pipe including fittings, trench, embedment, backfill, compaction, complete in place	577	LF	\$80.00	\$46,160.00	\$104.80	\$60,469.60	\$75.23	\$43,407.71	\$71.00	\$40,967.00	\$78.00	\$45,006.00	\$87.40	\$50,429.80
2.	12" diameter, C-900 DR-18 PVC pipe including fittings, trench, embedment, backfill, compaction, complete in place	6,623	LF	\$29.00	\$192,067.00	\$33.16	\$219,618.68	\$34.17	\$226,307.91	\$35.00	\$231,805.00	\$37.00	\$245,051.00	\$43.70	\$289,425.10
3.	8" diameter, C-900 DR-18 PVC pipe including fittings, trench, embedment, backfill, compaction, complete in place	14,849	LF	\$17.00	\$252,433.00	\$19.91	\$295,643.59	\$22.02	\$326,974.98	\$26.00	\$386,074.00	\$24.00	\$356,376.00	\$25.40	\$377,164.60
4.	6" diameter, C-900 DR-18 PVC pipe including fittings, trench, embedment, backfill, compaction, complete in place	3,168	LF	\$12.50	\$39,600.00	\$14.63	\$46,347.84	\$18.28	\$57,911.04	\$21.00	\$66,528.00	\$20.00	\$63,360.00	\$20.40	\$64,627.20
5.	12" gate valve, complete in place	37	EA	\$2,550.00	\$94,350.00	\$2,353.80	\$87,090.60	\$2,116.70	\$78,317.90	\$2,100.00	\$77,700.00	\$3,000.00	\$111,000.00	\$2,135.00	\$78,995.00
6.	8" gate valve, complete in place	68	EA	\$1,500.00	\$102,000.00	\$1,248.38	\$84,889.84	\$1,220.89	\$83,020.52	\$1,350.00	\$91,800.00	\$2,000.00	\$136,000.00	\$1,345.00	\$91,460.00
7.	6" gate valve, complete in place	13	EA	\$1,150.00	\$14,950.00	\$857.93	\$11,153.09	\$845.39	\$10,990.07	\$1,000.00	\$13,000.00	\$1,500.00	\$19,500.00	\$1,020.00	\$13,260.00
8.	Fire hydrant with 6" valve per per City of Mansfield Standard Detail Sheet W-4, complete in place	45	EA	\$4,870.00	\$219,150.00	\$3,901.30	\$175,558.50	\$3,493.18	\$157,193.10	\$3,600.00	\$162,000.00	\$5,000.00	\$225,000.00	\$4,320.00	\$194,400.00
9.	Remove plug and connect to ex. 20" water, complete in place	1	EA	\$3,130.00	\$3,130.00	\$2,039.40	\$2,039.40	\$1,503.97	\$1,503.97	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$1,845.00	\$1,845.00
10.	Concrete encasement per City of Mansfield Standard Detail Sheet M-1, complete in place	40	LF	\$56.00	\$2,240.00	\$46.69	\$1,867.60	\$49.71	\$1,988.40	\$56.00	\$2,240.00	\$35.00	\$1,400.00	\$52.00	\$2,080.00
11.	1" copper (with 3/4" angle stop) water service with meter box per City of Mansfield Standard Detail Sheet W-1, complete in place	322	EA	\$560.00	\$180,320.00	\$578.03	\$186,125.66	\$508.78	\$163,827.16	\$700.00	\$225,400.00	\$500.00	\$161,000.00	\$640.00	\$206,080.00
12.	2" blow off valve per City standard detail, complete in place	2	EA	\$1,320.00	\$2,640.00	\$1,569.51	\$3,139.02	\$791.45	\$1,582.90	\$1,300.00	\$2,600.00	\$3,500.00	\$7,000.00	\$1,220.00	\$2,440.00
13.	1" water service for irrigation with meter box per City of Mansfield Standard Detail Sheet W-1, complete in place	2	EA	\$560.00	\$1,120.00	\$1,538.39	\$3,076.78	\$950.15	\$1,900.30	\$1,300.00	\$2,600.00	\$800.00	\$1,600.00	\$1,600.00	\$3,200.00
14.	2" water service for irrigation with meter box per City of Mansfield Standard Detail Sheet W-1, complete in place	1	EA	\$2,000.00	\$2,000.00	\$3,311.12	\$3,311.12	\$1,435.01	\$1,435.01	\$2,600.00	\$2,600.00	\$2,500.00	\$2,500.00	\$3,130.00	\$3,130.00
15.	Excavation safety and support system including excavation safety plans for trenches over five feet in depth, complete in place	25,217	LF	\$0.10	\$2,521.70	\$0.08	\$2,017.36	\$0.15	\$3,782.55	\$0.50	\$12,608.50	\$1.00	\$25,217.00	\$0.25	\$6,304.25
16.	All testing, except for density and compaction testing, as required by the governing authority, complete for	25,217	LF	\$1.30	\$32,782.10	\$0.51	\$12,860.67	\$0.15	\$3,782.55	\$0.25	\$6,304.25	\$2.00	\$50,434.00	\$0.60	\$15,130.20
17.	All compaction, density, and material testing for water improvements as required by governing authority, <b>ALPHA TESTING to be used exclusively by contractor</b> , complete	25,217	LF	\$0.40	\$10,086.80	\$0.65	\$16,391.05	\$1.06	\$26,730.02	\$0.75	\$18,912.75	\$1.00	\$25,217.00	\$1.10	\$27,738.70
<b>Subtotal Section A - Water</b>					<b>\$1,197,550.60</b>		<b>\$1,211,600.40</b>		<b>\$1,190,656.09</b>		<b>\$1,344,639.50</b>		<b>\$1,480,661.00</b>		<b>\$1,427,709.85</b>

Did not add Item 13.

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**Section B - Sanitary Sewer**

Item No.	Description	Quantity	Unit	Unit Price	Total Price										
1.	18" diameter SDR-26 PVC pipe including trench, embedment, backfill, and compaction, complete in place	1,967	LF	\$63.00	\$123,921.00	\$72.12	\$141,860.04	\$71.62	\$140,876.54	\$53.00	\$104,251.00	\$64.00	\$125,888.00	\$66.50	\$130,805.50
2.	15" diameter SDR-26 PVC pipe including trench, embedment, backfill, and compaction, complete in place	4,115	LF	\$54.00	\$222,210.00	\$71.38	\$293,728.70	\$58.45	\$240,521.75	\$56.00	\$230,440.00	\$54.00	\$222,210.00	\$61.00	\$251,015.00
3.	8" diameter SDR-26 PVC pipe including trench, embedment, backfill, and compaction, complete in place	8,784	LF	\$25.00	\$219,600.00	\$25.73	\$226,012.32	\$25.34	\$222,586.56	\$30.00	\$263,520.00	\$29.00	\$254,736.00	\$27.75	\$243,756.00
4.	6" diameter SDR-26 PVC pipe including trench, embedment, backfill, and compaction, complete in place	5,836	LF	\$22.00	\$128,392.00	\$20.61	\$120,279.96	\$23.13	\$134,986.68	\$27.00	\$157,572.00	\$20.00	\$116,720.00	\$20.00	\$116,720.00
5.	5' diameter standard manhole per per City of Mansfield Standard Detail Sheet SS-1, complete in place	15	EA	\$6,800.00	\$102,000.00	\$6,698.31	\$100,474.65	\$7,161.58	\$107,423.70	\$5,500.00	\$82,500.00	\$7,000.00	\$105,000.00	\$6,363.00	\$95,445.00
6.	5' diameter outside drop manhole per per City of Mansfield Standard Detail Sheet SS-1, complete in place	6	EA	\$8,700.00	\$52,200.00	\$7,640.12	\$45,840.72	\$8,675.90	\$52,055.40	\$8,000.00	\$48,000.00	\$8,000.00	\$48,000.00	\$8,472.00	\$50,832.00
7.	5' diameter standard manhole with concrete pad and manhole markers per City of Mansfield Standard Detail Sheet SS-1, complete in place	3	EA	\$7,000.00	\$21,000.00	\$6,141.14	\$18,423.42	\$6,959.38	\$20,878.14	\$6,000.00	\$18,000.00	\$7,000.00	\$21,000.00	\$5,088.00	\$15,264.00
8.	4' diameter standard manhole per City of Mansfield Standard Detail Sheet SS-1 complete in place	31	EA	\$3,000.00	\$93,000.00	\$3,102.64	\$96,181.84	\$3,512.42	\$108,885.02	\$2,500.00	\$77,500.00	\$4,000.00	\$124,000.00	\$2,897.00	\$89,807.00
9.	Cleanout per City of Mansfield Standard Detail Sheet SS-1, complete in place	14	EA	\$1,080.00	\$15,120.00	\$638.22	\$8,935.08	\$645.87	\$9,042.18	\$750.00	\$10,500.00	\$1,500.00	\$21,000.00	\$799.00	\$11,186.00
10.	6" SDR-26 sanitary sewer service per City of Mansfield Standard Detail Sheet SS-2, complete in place	322	EA	\$643.00	\$207,046.00	\$685.11	\$220,605.42	\$763.72	\$245,917.84	\$1,000.00	\$322,000.00	\$500.00	\$161,000.00	\$977.00	\$314,594.00
11.	6" SDR-26 sanitary sewer service per City of Mansfield Standard Detail Sheet SS-2 for future Phase 2 lots, complete in place	28	EA	\$643.00	\$18,004.00	\$686.27	\$19,215.56	\$729.06	\$20,413.68	\$1,000.00	\$28,000.00	\$500.00	\$14,000.00	\$577.00	\$16,156.00
12.	Concrete encasement per City of Mansfield Standard Detail Sheet M-1, complete in place	180	LF	\$43.00	\$7,740.00	\$43.57	\$7,842.60	\$49.71	\$8,947.80	\$56.00	\$10,080.00	\$30.00	\$5,400.00	\$68.50	\$12,330.00
13.	Excavation safety and support system including excavation safety plans for trenches over five feet in depth, complete in place	20,702	LF	\$1.00	\$20,702.00	\$0.32	\$6,624.64	\$0.27	\$5,589.54	\$0.25	\$5,175.50	\$1.00	\$20,702.00	\$0.60	\$12,421.20
14.	All testing, except for density and compaction testing, as required by the governing authority, complete for	20,702	LF	\$1.50	\$31,053.00	\$0.92	\$19,045.84	\$1.40	\$28,982.80	\$1.00	\$20,702.00	\$1.00	\$20,702.00	\$1.60	\$33,123.20
15.	All compaction, density, and material testing for sanitary sewer improvements as required by governing authority, <b>ALPHA TESTING to be used exclusively by contractor</b> , complete	20,702	LF	\$1.90	\$39,333.80	\$1.46	\$30,224.92	\$1.06	\$21,944.12	\$1.00	\$20,702.00	\$1.00	\$20,702.00	\$1.30	\$26,912.60
<b>Subtotal Section B - Sanitary Sewer</b>					<b>\$1,301,321.80</b>		<b>\$1,355,295.71</b>		<b>\$1,369,051.75</b>		<b>\$1,398,942.50</b>		<b>\$1,281,060.00</b>		<b>\$1,420,367.50</b>

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**2.**  
**INTERSTATE PIPELINE**

**Section C - Miscellaneous**

Item No.	Description	Quantity	Unit	Unit Price	Total Price										
1.	4" SCH 40 PVC Irrigation Sleeve, complete in place	1150	LF	\$4.00	\$4,600.00	\$7.07	\$8,130.50	\$8.93	\$10,269.50	\$7.00	\$8,050.00	\$4.00	\$4,600.00	\$10.00	\$11,500.00
2.	6" SCH 40 PVC Irrigation Sleeve, complete in place	250	LF	\$5.00	\$1,250.00	\$8.60	\$2,150.00	\$11.42	\$2,855.00	\$9.00	\$2,250.00	\$8.00	\$2,000.00	\$11.00	\$2,750.00
3.	8" SCH 40 PVC Irrigation Sleeve, complete in place	280	LF	\$7.00	\$1,960.00	\$11.05	\$3,094.00	\$12.86	\$3,600.80	\$12.00	\$3,360.00	\$10.00	\$2,800.00	\$12.00	\$3,360.00
4.	10" SCH 40 PVC Irrigation Sleeve, complete in place	120	LF	\$10.00	\$1,200.00	\$15.01	\$1,801.20	\$16.83	\$2,019.60	\$13.00	\$1,560.00	\$13.00	\$1,560.00	\$16.50	\$1,980.00
5.	Maintenance bond per City of Mansfield requirements, complete	1	LS	\$9,400.00	\$9,400.00	\$1,500.00	\$1,500.00	\$39,971.07	\$39,971.07	\$6,000.00	\$6,000.00	\$13,000.00	\$13,000.00	\$1,750.00	\$1,750.00
6.	Payment and Performance bond per City of Mansfield requirements, complete	1	LS	\$27,500.00	\$27,500.00	\$48,500.00	\$48,500.00	\$33,812.79	\$33,812.79	\$33,050.00	\$33,050.00	\$45,000.00	\$45,000.00	\$42,100.00	\$42,100.00
<b>Subtotal Section C - Miscellaneous</b>					<b>\$45,910.00</b>		<b>\$65,175.70</b>		<b>\$92,528.76</b>		<b>\$54,270.00</b>		<b>\$68,960.00</b>		<b>\$63,440.00</b>

**SUMMARY**

Subtotal Section A - Water	\$1,197,550.60		\$1,211,600.40		\$1,190,656.09		\$1,344,639.50		\$1,480,661.00		\$1,427,709.85	
Subtotal Section B - Sanitary Sewer	\$1,301,321.80		\$1,355,295.71		\$1,369,051.75		\$1,398,942.50		\$1,281,060.00		\$1,420,367.50	
Subtotal Section C - Miscellaneous	\$45,910.00		\$65,175.70		\$92,528.76		\$54,270.00		\$68,960.00		\$63,440.00	
<b>TOTAL WATER AND SANITARY SEWER IMPROVEMENTS</b>	<b>\$2,544,782.40</b>		<b>\$2,632,071.81</b>		<b>\$2,652,236.60</b>		<b>\$2,797,852.00</b>		<b>\$2,830,681.00</b>		<b>\$2,911,517.35</b>	
Working Days for Substantial		100		100		100		120		120		150
Additional Working Days for Final		30		15		15		20		30		25





