

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. H.M. MILLER		2. DON WARTKO		3. MICHAEL CONST.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$10,800.00	\$10,800.00
2	252	Trenches for Water Services in Earth	908	L.F.	\$10.00	\$9,080.00	\$24.00	\$21,792.00	\$8.00	\$7,264.00	\$6.00	\$5,448.00
3	252	Boring for Water Services	120	L.F.	\$15.00	\$1,800.00	\$15.00	\$1,800.00	\$10.00	\$1,200.00	\$15.00	\$1,800.00
4	254	6 inch Ductile Iron Pipe	203	L.F.	\$50.00	\$10,150.00	\$58.00	\$11,774.00	\$20.00	\$4,060.00	\$40.00	\$8,120.00
5	254	8 inch Ductile Iron Pipe	2022	L.F.	\$60.00	\$121,320.00	\$53.00	\$107,166.00	\$55.00	\$111,210.00	\$35.00	\$70,770.00
6	254	12 inch Ductile Iron Pipe	1255	L.F.	\$65.00	\$81,575.00	\$60.00	\$75,300.00	\$71.00	\$89,105.00	\$46.00	\$57,730.00
7	258	6 inch Gate Valve	10	EACH	\$500.00	\$5,000.00	\$450.00	\$4,500.00	\$450.00	\$4,500.00	\$540.00	\$5,400.00
8	258	8 inch Gate Valve	5	EACH	\$600.00	\$3,000.00	\$620.00	\$3,100.00	\$625.00	\$3,125.00	\$650.00	\$3,250.00
9	258	12 inch Gate Valve	2	EACH	\$1,200.00	\$2,400.00	\$1,145.00	\$2,290.00	\$1,100.00	\$2,200.00	\$1,320.00	\$2,640.00
10	259	Special Casting, 12" X 6" Tee	3	EACH	\$500.00	\$1,500.00	\$385.00	\$1,155.00	\$315.00	\$945.00	\$1,050.00	\$3,150.00
11	259	Special Casting, 8" X 6" Tee	5	EACH	\$400.00	\$2,000.00	\$245.00	\$1,225.00	\$185.00	\$925.00	\$740.00	\$3,700.00
12	259	Special Casting, 12" X 8" Reducer	2	EACH	\$300.00	\$600.00	\$190.00	\$380.00	\$250.00	\$500.00	\$360.00	\$720.00
13	259	Special Casting, 8" X 6" Reducer	3	EACH	\$250.00	\$750.00	\$100.00	\$300.00	\$185.00	\$555.00	\$350.00	\$1,050.00
14	259	Special Casting, 6" 45d Bend	3	EACH	\$200.00	\$600.00	\$0.01	\$0.03	\$150.00	\$450.00	\$210.00	\$630.00
15	259	Special Casting, 6" 90d Bend	4	EACH	\$200.00	\$800.00	\$0.01	\$0.04	\$160.00	\$640.00	\$210.00	\$840.00
16	259	Special Casting, 8" 22.5d Bend	6	EACH	\$200.00	\$1,200.00	\$0.01	\$0.06	\$200.00	\$1,200.00	\$290.00	\$1,740.00
17	259	Special Casting, 8" 45d Bend	8	EACH	\$200.00	\$1,600.00	\$0.01	\$0.08	\$200.00	\$1,600.00	\$290.00	\$2,320.00
18	259	Special Casting, 8" 90d Bend	2	EACH	\$300.00	\$600.00	\$0.01	\$0.02	\$205.00	\$410.00	\$290.00	\$580.00
19	259	Special Casting, 12" 45d Bend	17	EACH	\$350.00	\$5,950.00	\$0.01	\$0.17	\$300.00	\$5,100.00	\$480.00	\$8,160.00
20	259	Special Casting, 8" X 8" Cross	1	EACH	\$700.00	\$700.00	\$400.00	\$400.00	\$315.00	\$315.00	\$730.00	\$730.00
21	259	Special Casting, 12" X 8" Cross	2	EACH	\$800.00	\$1,600.00	\$500.00	\$1,000.00	\$425.00	\$850.00	\$850.00	\$1,700.00
22	259	Special Casting, 8" Plug	3	EACH	\$100.00	\$300.00	\$115.00	\$345.00	\$50.00	\$150.00	\$160.00	\$480.00
23	259	Special Casting, 12"x12" Offset Bend	2	EACH	\$1,000.00	\$2,000.00	\$0.01	\$0.02	\$825.00	\$1,650.00	\$600.00	\$1,200.00
24	260	Fire Hydrants	9	EACH	\$1,500.00	\$13,500.00	\$1,200.00	\$10,800.00	\$1,500.00	\$13,500.00	\$1,350.00	\$12,150.00
25	263	Tying into 6 inch main	1	EACH	\$600.00	\$600.00	\$600.00	\$600.00	\$750.00	\$750.00	\$8,000.00	\$8,000.00
26	263	Tying into 8 inch main	2	EACH	\$800.00	\$1,600.00	\$600.00	\$1,200.00	\$800.00	\$1,600.00	\$900.00	\$1,800.00
27	266	Tapping Water Mains and Installing Services	1028	L.F.	\$15.00	\$15,420.00	\$9.50	\$9,766.00	\$20.00	\$20,560.00	\$12.00	\$12,336.00
28	603	Limestone, as Directed by the Engineer	100	C.Y.	\$30.00	\$3,000.00	\$0.01	\$1.00	\$30.00	\$3,000.00	\$34.25	\$3,425.00
29	613	Uniformed Law Enforcement Officer	100	HOUR	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00
30	613	Uniformed Law Enforcement Officer with Patrol Car	100	HOUR	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00
31	614	Maintaining Traffic	1	L.S.	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$14,200.00	\$14,200.00
32	619	Field Office	1	L.S.	\$2,500.00	\$2,500.00	\$100.00	\$100.00	\$2,000.00	\$2,000.00	\$14,000.00	\$14,000.00
33	623	Construction Layout Stakes	1	L.S.	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$16,000.00	\$16,000.00
34	624	Mobilization	1	L.S.	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$500.00	\$500.00	\$16,500.00	\$16,500.00
35	SPEC	County Inspection	140	HOUR	\$30.00	\$4,200.00	\$30.00	\$4,200.00	\$30.00	\$4,200.00	\$30.00	\$4,200.00
TOTAL CONSTRUCTION COSTS						\$320,345.00		\$283,194.42		\$295,564.00		\$300,569.00
+/- ENGINEER'S ESTIMATE								-11.6%		-7.7%		-6.2%

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S PRICE	ESTIMATE AMOUNT	4. NORTHERN VALLEY* PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00
2	252	Trenches for Water Services in Earth	908	L.F.	\$10.00	\$9,080.00	\$19.03	\$17,279.24
3	252	Boring for Water Services	120	L.F.	\$15.00	\$1,800.00	\$22.64	\$2,716.80
4	254	6 inch Ductile Iron Pipe	203	L.F.	\$50.00	\$10,150.00	\$55.77	\$11,321.31
5	254	8 inch Ductile Iron Pipe	2022	L.F.	\$60.00	\$121,320.00	\$63.07	\$127,527.54
6	254	12 inch Ductile Iron Pipe	1255	L.F.	\$65.00	\$81,575.00	\$77.71	\$97,526.05
7	258	6 inch Gate Valve	10	EACH	\$500.00	\$5,000.00	\$548.63	\$5,486.30
8	258	8 inch Gate Valve	5	EACH	\$600.00	\$3,000.00	\$716.03	\$3,580.15
9	258	12 inch Gate Valve	2	EACH	\$1,200.00	\$2,400.00	\$1,178.83	\$2,357.66
10	259	Special Casting, 12" X 6" Tee	3	EACH	\$500.00	\$1,500.00	\$420.08	\$1,260.24
11	259	Special Casting, 8" X 6" Tee	5	EACH	\$400.00	\$2,000.00	\$330.30	\$1,651.50
12	259	Special Casting, 12" X 8" Reducer	2	EACH	\$300.00	\$600.00	\$282.28	\$564.56
13	259	Special Casting, 8" X 6" Reducer	3	EACH	\$250.00	\$750.00	\$217.43	\$652.29
14	259	Special Casting, 6" 45d Bend	3	EACH	\$200.00	\$600.00	\$248.48	\$745.44
15	259	Special Casting, 6" 90d Bend	4	EACH	\$200.00	\$800.00	\$235.23	\$940.92
16	259	Special Casting, 8" 22.5d Bend	6	EACH	\$200.00	\$1,200.00	\$266.33	\$1,597.98
17	259	Special Casting, 8" 45d Bend	8	EACH	\$200.00	\$1,600.00	\$265.58	\$2,124.64
18	259	Special Casting, 8" 90d Bend	2	EACH	\$300.00	\$600.00	\$272.03	\$544.06
19	259	Special Casting, 12" 45d Bend	17	EACH	\$350.00	\$5,950.00	\$774.12	\$13,160.04
20	259	Special Casting, 8" X 8" Cross	1	EACH	\$700.00	\$700.00	\$490.96	\$490.96
21	259	Special Casting, 12" X 8" Cross	2	EACH	\$800.00	\$1,600.00	\$547.11	\$1,094.22
22	259	Special Casting, 8" Plug	3	EACH	\$100.00	\$300.00	\$245.03	\$735.09
23	259	Special Casting, 12"x12" Offset Bend	2	EACH	\$1,000.00	\$2,000.00	\$1,231.52	\$2,463.04
24	260	Fire Hydrants	9	EACH	\$1,500.00	\$13,500.00	\$1,495.58	\$13,460.22
25	263	Tying into 6 inch main	1	EACH	\$600.00	\$600.00	\$1,656.64	\$1,656.64
26	263	Tying into 8 inch main	2	EACH	\$800.00	\$1,600.00	\$1,547.10	\$3,094.20
27	266	Tapping Water Mains and Installing Services	1028	L.F.	\$15.00	\$15,420.00	\$14.51	\$14,916.28
28	603	Limestone, as Directed by the Engineer	100	C.Y.	\$30.00	\$3,000.00	\$30.00	\$3,000.00
29	613	Uniformed Law Enforcement Officer	100	HOUR	\$25.00	\$2,500.00	\$25.00	\$2,500.00
30	613	Uniformed Law Enforcement Officer with Patrol Car	100	HOUR	\$25.00	\$2,500.00	\$25.00	\$2,500.00
31	614	Maintaining Traffic	1	L.S.	\$5,000.00	\$5,000.00	\$4,766.40	\$4,766.40
32	619	Field Office	1	L.S.	\$2,500.00	\$2,500.00	\$4,500.00	\$4,500.00
33	623	Construction Layout Stakes	1	L.S.	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00
34	624	Mobilization	1	L.S.	\$3,000.00	\$3,000.00	\$24,300.00	\$24,300.00
35	SPEC	County Inspection	140	HOUR	\$30.00	\$4,200.00	\$30.00	\$4,200.00

TOTAL CONSTRUCTION COSTS \$320,345.00 \$385,713.77

+/- ENGINEER'S ESTIMATE 20.4%

*INFORMALITY: Ref #4, #5, #6 extended amount incorrect in bid book.