

**BID TABULATION**

PROJECT Madison Water System Improvements - Phase 1A  
 LOCATION Madison, SD  
 BID DATE April 9, 2020  
 PROJECT NO. 22831.00.00  
 CERTIFIED BY: \_\_\_\_\_



DATE: April 9, 2020

BID ITEM NUMBER	SPEC. SECTION	DESCRIPTION OF WORK AND MATERIALS	QUANTITY	UNITS	ENGINEER'S ESTIMATE		J & J Earth Works, Inc. Milbank, SD 10% Bid Bond		Halme, Inc. Bryant, SD 10% Bid Bond		First Rate Excavate, Inc. Sioux Falls, SD 10% Bid Bond		Prunty Construction Company, Inc. Brookings, SD 10% Bid Bond		Winter Contracting, LLC Brookings, SD 10% Bid Bond		H&W Contracting, LLC Sioux Falls, SD 10% Bid Bond		
					UNIT PRICE	TOTAL VALUE	UNIT PRICE	TOTAL VALUE	UNIT PRICE	TOTAL VALUE	UNIT PRICE	TOTAL VALUE	UNIT PRICE	TOTAL VALUE	UNIT PRICE	TOTAL VALUE	UNIT PRICE	TOTAL VALUE	UNIT PRICE
<b>PHASE 1A - BASE BID</b>																			
<b>GENERAL ITEMS</b>																			
1	01 7113-2.1	Mobilization	1	LS	\$500,000.00	\$500,000.00	\$450,000.00	\$450,000.00	\$450,000.00	\$450,000.00	\$877,061.60	\$877,061.60	\$1,075,000.00	\$1,075,000.00	\$873,000.00	\$873,000.00	\$1,100,000.00	\$1,100,000.00	
2	01 0000 - 5.4	Traffic Control Signs	523	SqFt	\$5.00	\$2,615.00	\$5.00	\$2,615.00	\$5.00	\$2,615.00	\$4.40	\$2,301.20	\$5.00	\$2,615.00	\$4.50	\$2,353.50	\$4.35	\$2,275.05	
3	01 0000 - 5.4	Traffic Control, Miscellaneous	1	LS	\$75,000.00	\$75,000.00	\$25,000.00	\$25,000.00	\$100,000.00	\$100,000.00	\$23,100.00	\$23,100.00	\$30,000.00	\$30,000.00	\$23,000.00	\$23,000.00	\$25,000.00	\$25,000.00	
4	01 0000 - 5.4	Type 2 Barricade	20	Each	\$60.00	\$1,200.00	\$60.00	\$1,200.00	\$60.00	\$1,200.00	\$55.00	\$1,100.00	\$60.00	\$1,200.00	\$55.00	\$1,100.00	\$54.00	\$1,080.00	
5	01 0000 - 5.4	Type 3 Barricade, 6' Double Sided	6	Each	\$75.00	\$450.00	\$150.00	\$900.00	\$120.00	\$720.00	\$110.00	\$660.00	\$275.00	\$1,650.00	\$110.00	\$660.00	\$108.00	\$648.00	
6	01 0000 - 5.4	Type 3 Barricade, 8' Double Sided	36	Each	\$80.00	\$2,880.00	\$135.00	\$4,860.00	\$120.00	\$4,320.00	\$110.00	\$3,960.00	\$275.00	\$9,900.00	\$110.00	\$3,960.00	\$108.00	\$3,888.00	
7	01 0000 - 5.4	Type C Advance Warning Arrow Board	1	Each	\$750.00	\$750.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,650.00	\$1,650.00	\$300.00	\$300.00	\$1,700.00	\$1,700.00	\$1,620.00	\$1,620.00	
8	01 0000 - 7.1	Blading	200	Hour	\$250.00	\$50,000.00	\$10.00	\$2,000.00	\$155.00	\$31,000.00	\$125.00	\$25,000.00	\$150.00	\$30,000.00	\$220.00	\$44,000.00	\$167.25	\$33,450.00	
9	01 0000 - 7.1	Sweeping	40	Hour	\$200.00	\$8,000.00	\$10.00	\$400.00	\$110.00	\$4,400.00	\$85.00	\$3,400.00	\$225.00	\$9,000.00	\$100.00	\$4,000.00	\$125.00	\$5,000.00	
<b>EROSION CONTROL</b>																			
10	31 2400 - 4.8	Placing Contractor Furnished Topsoil	1,530	CuYd	\$25.00	\$38,250.00	\$28.00	\$42,840.00	\$35.00	\$53,550.00	\$33.00	\$50,310.00	\$25.00	\$38,250.00	\$30.00	\$45,900.00	\$29.30	\$44,829.00	
11	32 9200 - 4.1	Seeding	990	Lb	\$10.00	\$9,900.00	\$18.00	\$17,820.00	\$8.00	\$7,920.00	\$7.98	\$7,900.20	\$8.00	\$7,920.00	\$10.00	\$9,900.00	\$17.30	\$17,127.00	
12	32 9200 - 4.3	Fertilizing	952	Lb	\$1.00	\$952.00	\$2.40	\$2,284.80	\$0.66	\$628.32	\$0.66	\$628.32	\$1.00	\$952.00	\$1.00	\$952.00	\$2.38	\$2,265.76	
13	32 9200 - 4.4	Weed Control	18,290	SqYd	\$0.50	\$9,145.00	\$0.25	\$4,572.50	\$0.06	\$1,097.40	\$0.06	\$1,097.40	\$0.06	\$1,097.40	\$0.10	\$1,829.00	\$0.22	\$4,023.80	
14	32 9200 - 4.2	Hydro-Mulching	8	Ton	\$2,500.00	\$20,000.00	\$4,800.00	\$38,400.00	\$1,150.00	\$9,200.00	\$1,100.00	\$8,800.00	\$4,800.00	\$9,200.00	\$1,750.00	\$14,000.00	\$4,860.00	\$38,880.00	
15	33 9200 - 4.2	Temporary Seeding	81	Lb	\$8.00	\$648.00	\$25.00	\$2,025.00	\$7.00	\$567.00	\$6.60	\$534.60	\$6.50	\$526.50	\$23.00	\$1,863.00	\$21.60	\$1,749.60	
16	31 2500 - 4.1	Erosion Control Blanket	4,576	SqYd	\$4.00	\$18,304.00	\$2.60	\$11,897.60	\$1.55	\$7,092.80	\$1.60	\$7,321.60	\$1.60	\$7,321.60	\$2.50	\$11,440.00	\$2.60	\$11,897.60	
17	31 2500 - 4.2	Inlet Protection	65	Each	\$175.00	\$11,375.00	\$50.00	\$3,250.00	\$90.00	\$5,850.00	\$77.00	\$5,005.00	\$80.00	\$5,200.00	\$100.00	\$6,500.00	\$100.00	\$10,500.00	
18	31 2500 - 4.3	Temporary Vehicle Tracking Control	14	Each	\$1,500.00	\$21,000.00	\$350.00	\$4,900.00	\$2,000.00	\$28,000.00	\$400.00	\$5,600.00	\$500.00	\$7,000.00	\$550.00	\$7,700.00	\$550.00	\$7,700.00	
19	31 2500 - 4.4	Concrete Washout Area	14	Each	\$300.00	\$4,200.00	\$100.00	\$1,400.00	\$300.00	\$4,200.00	\$200.00	\$2,800.00	\$225.00	\$3,150.00	\$375.00	\$5,250.00	\$286.70	\$4,013.80	
20	31 2500 - 4.5	Manhole Construction Plate Marker	27	Each	\$200.00	\$5,400.00	\$175.00	\$4,725.00	\$700.00	\$18,900.00	\$250.00	\$6,750.00	\$250.00	\$6,750.00	\$250.00	\$6,750.00	\$125.00	\$3,375.00	
<b>REMOVALS</b>																			
21	31 2300 - 4.2	Clear and Grub Tree	54	Each	\$900.00	\$27,000.00	\$650.00	\$35,100.00	\$1,200.00	\$64,800.00	\$600.00	\$32,400.00	\$975.00	\$52,650.00	\$700.00	\$37,800.00	\$1,085.65	\$58,625.10	
22	31 2300 - 4.2	Remove Concrete Curb and Gutter	15,275	LF	\$4.50	\$68,737.50	\$3.50	\$53,462.50	\$3.00	\$45,360.00	\$4.00	\$61,100.00	\$4.00	\$61,100.00	\$3.50	\$53,462.50	\$4.40	\$67,210.00	
23	31 2300 - 4.2	Remove Asphalt Concrete Pavement	132	SqYd	\$4.00	\$528.00	\$6.50	\$858.00	\$9.00	\$1,188.00	\$5.00	\$660.00	\$5.00	\$660.00	\$3.50	\$462.00	\$5.65	\$745.80	
24	31 2300 - 4.2	Remove Concrete Pavement	2,808	SqYd	\$6.00	\$16,848.00	\$5.50	\$15,444.00	\$6.27	\$17,606.16	\$5.00	\$14,040.00	\$4.00	\$11,232.00	\$3.75	\$10,530.00	\$4.40	\$12,355.20	
25	31 2300 - 4.2	Remove Concrete Sidewalk	1,980	SqYd	\$6.00	\$11,880.00	\$5.25	\$10,395.00	\$4.70	\$9,306.00	\$5.00	\$9,900.00	\$4.00	\$7,920.00	\$3.50	\$6,930.00	\$4.60	\$9,108.00	
26	31 2300 - 4.2	Salvage Traffic Sign for Reset	16	Each	\$25.00	\$400.00	\$20.00	\$320.00	\$125.00	\$2,000.00	\$110.00	\$1,760.00	\$60.00	\$960.00	\$12.00	\$192.00	\$10.80	\$172.80	
27	31 2300 - 4.2	Saw Existing Asphalt	710	LF	\$2.50	\$1,775.00	\$5.00	\$3,550.00	\$2.00	\$1,420.00	\$5.50	\$3,905.00	\$3.75	\$2,662.50	\$3.50	\$2,485.00	\$4.15	\$2,946.50	
28	31 2300 - 4.2	Saw Existing Concrete	2,986	LF	\$8.00	\$23,888.00	\$5.50	\$16,423.00	\$3.00	\$8,958.00	\$8.80	\$26,276.80	\$4.00	\$11,944.00	\$4.50	\$13,437.00	\$4.35	\$12,989.10	
29	31 2300 - 4.2	Tree Trimming	24	Each	\$350.00	\$8,400.00	\$200.00	\$4,800.00	\$650.00	\$15,600.00	\$650.00	\$15,600.00	\$350.00	\$8,400.00	\$275.00	\$6,600.00	\$456.30	\$10,951.20	
30	31 2300 - 4.2	Root Grinding	12	Each	\$300.00	\$3,600.00	\$350.00	\$4,200.00	\$380.00	\$4,560.00	\$450.00	\$5,400.00	\$700.00	\$8,400.00	\$75.00	\$900.00	\$912.60	\$10,951.20	
<b>TRENCHING, EXCAVATION, BACKFILLING</b>																			
31	31 2300 - 4.5	Trench Stabilization Material	800	Ton	\$30.00	\$24,000.00	\$23.50	\$18,800.00	\$30.00	\$24,000.00	\$25.00	\$20,000.00	\$30.00	\$24,000.00	\$30.00	\$24,000.00	\$30.00	\$24,000.00	
32	31 2300 - 4.6	Impacted Trench Backfill Material	750	Ton	\$20.00	\$15,000.00	\$13.00	\$9,750.00	\$12.00	\$9,000.00	\$15.00	\$11,250.00	\$14.00	\$11,500.00	\$10.00	\$7,500.00	\$18.00	\$13,500.00	
33	31 2300 - 4.7	Verify Utility	120	Each	\$100.00	\$12,000.00	\$50.00	\$6,000.00	\$300.00	\$36,000.00	\$150.00	\$18,000.00	\$200.00	\$24,000.00	\$100.00	\$12,000.00	\$25.00	\$3,000.00	
34	31 2300 - 4.8	Locate Utility	9	Each	\$250.00	\$2,250.00	\$75.00	\$675.00	\$300.00	\$2,700.00	\$150.00	\$1,350.00	\$150.00	\$1,350.00	\$100.00	\$900.00	\$100.00	\$900.00	
<b>GRADING</b>																			
35	31 2400 - 4.3	Unclassified Excavation	15,570	CuYd	\$14.00	\$217,980.00	\$8.50	\$132,345.00	\$7.00	\$108,990.00	\$8.50	\$132,345.00	\$3.40	\$52,938.00	\$6.50	\$101,205.00	\$4.21	\$65,549.70	
36	31 2400 - 4.4	Unclassified Excavation, Ditches	1,560	CuYd	\$14.00	\$21,840.00	\$9.50	\$14,820.00	\$10.00	\$15,600.00	\$6.00	\$9,360.00	\$19.00	\$29,640.00	\$6.50	\$10,140.00	\$25.30	\$39,468.00	
37	31 2400 - 4.5	Scarify and Recompact Subgrade	35,450	SqYd	\$1.00	\$35,450.00	\$0.85	\$30,132.50	\$2.00	\$70,900.00	\$0.75	\$26,587.50	\$2.25	\$79,762.50	\$1.00	\$35,450.00	\$1.00	\$35,450.00	
38	31 2400 - 4.6	Compaction - Moisture Density Tests	240	Each	\$125.00	\$30,000.00	\$150.00	\$36,000.00	\$125.00	\$30,000.00	\$130.00	\$31,200.00	\$120.00	\$28,800.00	\$110.00	\$26,400.00	\$83.00	\$19,920.00	
39	31 2400 - 4.7	Water For Embankment	156	Mgal	\$3.00	\$468.00	\$35.00	\$5,460.00	\$30.00	\$4,800.00	\$10.00	\$1,560.00	\$14.00	\$2,184.00	\$10.00	\$1,560.00	\$18.60	\$2,901.60	
40	31 2400 - 4.9	Full Depth Reclamation	29,320	SqYd	\$1.75	\$51,310.00	\$1.15	\$33,718.00	\$1.00	\$29,320.00	\$0.85	\$24,922.00	\$0.95	\$27,854.00	\$1.10	\$32,252.00	\$1.06	\$31,079.20	
41	31 2400 - 4.10	Salvage and Stockpile Asphalt Mix and Granular Base Material	29,320	SqYd	\$2.75	\$80,630.00	\$3.25	\$95,290.00	\$3.00	\$87,960.00	\$2.50	\$73,300.00	\$4.00	\$117,280.00	\$4.00	\$117,280.00	\$3.22	\$94,410.40	
42	31 2400 - 4.11	Remove Temporary Surfacing	12,460	SqYd	\$1.80	\$22,428.00	\$2.50	\$31,150.00	\$1.70	\$21,182.00	\$3.00	\$37,380.00	\$2.00	\$24,920.00	\$2.25	\$28,035.00	\$1.76	\$21,929.60	
43	32 1123 - 4.2	Geotextile Fabric For Subgrade Stabilization	21,430	SqYd	\$3.00	\$64,290.00	\$2.35	\$50,360.50	\$2.20	\$47,146.00	\$2.00	\$42,860.00	\$2.90	\$62,147.00	\$2.25	\$48,217.50	\$3.11	\$66,647.30	
44	32 1123 - 4.3	Temporary Surfacing, Salvaged, Asphalt Mix	12,460	SqYd	\$1.80	\$22,428.00	\$2.85	\$35,511.00	\$2.60	\$32,396.00	\$4.00	\$49,840.00	\$2.00	\$24,920.00	\$4.25	\$52,955.00	\$1.76	\$21,929.60	
<b>WATERMAIN</b>																			
45	33 1000 - 4.2	Remove and Salvage Fire Hydrant	4	Each	\$500.00	\$2,000.00	\$250.00	\$1,000.00	\$300.00	\$1,200.00	\$300.00	\$1,200.00	\$350.00	\$1,400.00	\$500.00	\$2,000.00	\$400.00	\$1,600.00	
46	33 1000 - 4.2	Remove Valve Box	3	Each	\$150.00	\$450.00	\$150.00	\$450.00	\$150.00	\$450.00	\$200.00	\$600.00	\$100.00	\$300.00	\$75.00	\$225.00	\$200.00	\$600.00	
47	33 1000 - 4.2	Remove Water Main	2,194	LF	\$10.00	\$21,940.00	\$3.50	\$7,679.50	\$4.00	\$8,776.00	\$4.00	\$8,776.00	\$8.00	\$17,552.00	\$3.00	\$6,582.00	\$4.00	\$8,776.00	
48	34 1000 - 4.3	4" Watermain	51	LF	\$35.00	\$1,785.00	\$32.00	\$1,632.00	\$35.00	\$1,785.00	\$33.00	\$1,683.00	\$30.00	\$1,530.00	\$44.00	\$2,040.00	\$39.00		

70	33 1000 - 4.9	Temporary Water Service - Connection	31	Each	\$750.00	\$23,250.00	\$250.00	\$7,750.00	\$500.00	\$15,500.00	\$473.00	\$14,663.00	\$325.00	\$10,075.00	\$500.00	\$15,500.00	\$300.00	\$9,300.00
71	33 1000 - 4.10	Temporary Water Service	1	LS	\$50,000.00	\$50,000.00	\$40,000.00	\$40,000.00	\$90,000.00	\$90,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$15,000.00	\$15,000.00	\$9,500.00	\$9,500.00
72	33 1000 - 4.11	Temporary Fire Hydrant	8	Each	\$1,500.00	\$12,000.00	\$1,800.00	\$14,400.00	\$3,000.00	\$24,000.00	\$1,200.00	\$9,600.00	\$1,200.00	\$9,600.00	\$750.00	\$6,000.00	\$750.00	\$6,000.00
73	33 1000 - 4.12	Cut and Tie To Existing Watermain	12	Each	\$1,500.00	\$18,000.00	\$750.00	\$9,000.00	\$3,000.00	\$36,000.00	\$2,000.00	\$24,000.00	\$1,700.00	\$20,400.00	\$1,500.00	\$18,000.00	\$1,500.00	\$18,000.00
74	33 1000 - 4.13	6" x 1" Water Service Saddle Tap & Corp	97	Each	\$600.00	\$58,200.00	\$365.00	\$35,405.00	\$470.00	\$45,590.00	\$311.00	\$30,167.00	\$1,100.00	\$106,700.00	\$500.00	\$48,500.00	\$350.00	\$33,950.00
75	33 1000 - 4.13	6" x 2" Water Service Saddle Tap & Corp	1	Each	\$750.00	\$750.00	\$625.00	\$625.00	\$750.00	\$750.00	\$545.00	\$545.00	\$2,000.00	\$2,000.00	\$800.00	\$800.00	\$600.00	\$600.00
76	33 1000 - 4.13	8" x 2" Water Service Saddle Tap & Corp	17	Each	\$750.00	\$12,750.00	\$425.00	\$7,225.00	\$510.00	\$8,670.00	\$333.00	\$5,661.00	\$1,200.00	\$20,400.00	\$600.00	\$10,200.00	\$450.00	\$7,650.00
77	33 1000 - 4.14	1" Water Service Curb Stop & Box	115	Each	\$650.00	\$74,750.00	\$375.00	\$43,125.00	\$480.00	\$55,200.00	\$358.00	\$41,170.00	\$325.00	\$37,375.00	\$600.00	\$69,000.00	\$500.00	\$57,500.00
78	33 1000 - 4.14	2" Water Service Curb Stop & Box	1	Each	\$850.00	\$850.00	\$815.00	\$815.00	\$840.00	\$840.00	\$702.00	\$702.00	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$775.00	\$775.00
79	33 1000 - 4.15	1" Water Service Piping	3,866	LF	\$32.00	\$123,712.00	\$26.50	\$102,449.00	\$16.50	\$63,789.00	\$22.00	\$85,052.00	\$18.50	\$71,521.00	\$20.00	\$77,320.00	\$28.00	\$108,248.00
80	33 1000 - 4.15	2" Water Service Piping	20	LF	\$38.00	\$760.00	\$32.00	\$640.00	\$21.50	\$430.00	\$24.00	\$480.00	\$41.00	\$820.00	\$25.00	\$500.00	\$30.00	\$600.00
81	31 2300 - 4.16	2" Polystyrene Pipe Insulation	16	LF	\$40.00	\$640.00	\$25.00	\$400.00	\$19.50	\$312.00	\$8.00	\$128.00	\$30.00	\$480.00	\$48.00	\$768.00	\$15.00	\$240.00
82	33 1000 - 4.17	Tracer Wire - Water	12,221	LF	\$1.50	\$18,331.50	\$0.30	\$3,666.30	\$0.34	\$4,155.14	\$0.75	\$9,165.75	\$1.50	\$18,331.50	\$0.50	\$6,110.50	\$0.25	\$3,055.25
83	33 1000 - 4.18	12" PVC Encasement	280	LF	\$40.00	\$11,200.00	\$40.00	\$11,200.00	\$74.00	\$20,720.00	\$57.00	\$15,966.00	\$90.00	\$25,200.00	\$37.00	\$10,360.00	\$50.00	\$14,000.00
84	34 1000 - 4.18	16" PVC Encasement	20	LF	\$50.00	\$1,000.00	\$55.00	\$1,100.00	\$107.00	\$2,140.00	\$63.00	\$1,260.00	\$165.00	\$3,300.00	\$50.00	\$1,000.00	\$75.00	\$1,500.00
<b>STORM SEWER</b>																		
85	33 4100 - 4.2	Remove Drop Inlet	24	Each	\$500.00	\$12,000.00	\$275.00	\$6,600.00	\$100.00	\$2,400.00	\$400.00	\$9,600.00	\$500.00	\$12,000.00	\$250.00	\$6,000.00	\$450.00	\$10,800.00
86	33 4100 - 4.2	Remove Storm Sewer Manhole	7	Each	\$750.00	\$5,250.00	\$350.00	\$2,450.00	\$160.00	\$1,120.00	\$400.00	\$2,800.00	\$600.00	\$4,200.00	\$300.00	\$2,100.00	\$600.00	\$4,200.00
87	33 4100 - 4.2	Remove Storm Sewer Pipe	1,034	LF	\$12.00	\$12,408.00	\$4.50	\$4,653.00	\$6.00	\$6,204.00	\$10.00	\$10,340.00	\$18.00	\$18,612.00	\$4.00	\$4,136.00	\$12.00	\$12,408.00
88	33 4100 - 4.3	12" RCP Class 3, Furnish	42	LF	\$20.00	\$840.00	\$11.00	\$462.00	\$23.00	\$966.00	\$9.23	\$387.66	\$13.00	\$546.00	\$9.00	\$378.00	\$8.75	\$367.50
89	33 4100 - 4.3	12" RCP, Install	42	LF	\$35.00	\$1,470.00	\$45.00	\$1,890.00	\$38.00	\$1,596.00	\$35.00	\$1,470.00	\$110.00	\$4,620.00	\$40.00	\$1,680.00	\$35.00	\$1,470.00
90	33 4100 - 4.3	15" RCP Class 4, Furnish	35	LF	\$25.00	\$875.00	\$12.50	\$437.50	\$30.00	\$1,050.00	\$11.24	\$393.40	\$13.50	\$472.50	\$11.00	\$385.00	\$10.65	\$373.75
91	33 4100 - 4.3	15" RCP, Install	35	LF	\$38.00	\$1,330.00	\$46.00	\$1,610.00	\$45.00	\$1,575.00	\$41.00	\$1,435.00	\$50.00	\$1,750.00	\$45.00	\$1,575.00	\$40.00	\$1,400.00
92	33 4100 - 4.3	18" RCP Class 3, Furnish	702	LF	\$25.00	\$17,550.00	\$14.00	\$9,828.00	\$28.00	\$19,656.00	\$13.70	\$9,617.40	\$14.00	\$9,828.00	\$13.00	\$9,126.00	\$13.00	\$9,126.00
93	33 4100 - 4.3	18" RCP Class 4, Furnish	32	LF	\$28.00	\$896.00	\$15.50	\$496.00	\$36.00	\$1,152.00	\$14.20	\$454.40	\$15.00	\$480.00	\$13.00	\$448.00	\$13.45	\$430.40
94	33 4100 - 4.3	18" RCP, Install	734	LF	\$40.00	\$29,360.00	\$57.00	\$41,838.00	\$48.00	\$35,232.00	\$47.00	\$34,498.00	\$31.00	\$22,754.00	\$50.00	\$36,700.00	\$36.00	\$26,424.00
95	33 4100 - 4.3	24" RCP Class 3, Furnish	110	LF	\$30.00	\$3,300.00	\$19.00	\$2,090.00	\$40.00	\$4,000.00	\$18.73	\$2,060.30	\$20.00	\$2,200.00	\$18.00	\$1,980.00	\$17.75	\$1,952.50
96	33 4100 - 4.3	24" RCP, Install	110	LF	\$50.00	\$5,500.00	\$60.00	\$6,600.00	\$56.00	\$6,160.00	\$58.00	\$6,380.00	\$36.00	\$3,960.00	\$60.00	\$6,600.00	\$38.00	\$4,180.00
97	33 4100 - 4.4	18"x18" RCP Tee, Furnish	1	Each	\$800.00	\$800.00	\$350.00	\$1,100.00	\$1,100.00	\$303.00	\$303.00	\$300.00	\$300.00	\$300.00	\$300.00	\$290.00	\$290.00	
98	33 4100 - 4.4	18"x18" RCP Tee, Install	1	Each	\$550.00	\$550.00	\$250.00	\$250.00	\$475.00	\$475.00	\$300.00	\$300.00	\$2,000.00	\$2,000.00	\$400.00	\$400.00	\$200.00	\$200.00
99	33 4100 - 4.4	24"x18" RCP Tee, Furnish	1	Each	\$1,000.00	\$1,000.00	\$400.00	\$400.00	\$1,180.00	\$1,180.00	\$344.00	\$344.00	\$325.00	\$325.00	\$325.00	\$325.00	\$325.00	\$325.00
100	33 4100 - 4.4	24"x18" RCP Tee, Install	1	Each	\$650.00	\$650.00	\$300.00	\$300.00	\$475.00	\$475.00	\$400.00	\$400.00	\$2,500.00	\$2,500.00	\$500.00	\$500.00	\$250.00	\$250.00
101	33 4100 - 4.5	Connect to Existing Storm Sewer Pipe	16	Each	\$500.00	\$8,000.00	\$650.00	\$10,400.00	\$1,300.00	\$20,800.00	\$2,050.00	\$8,200.00	\$1,300.00	\$20,800.00	\$500.00	\$8,000.00	\$500.00	\$8,000.00
102	33 4100 - 4.6	Storm Sewer Junction Box	12	Each	\$5,500.00	\$66,000.00	\$3,600.00	\$43,200.00	\$4,300.00	\$51,600.00	\$5,580.00	\$66,960.00	\$6,000.00	\$72,000.00	\$3,200.00	\$38,400.00	\$4,680.00	\$56,160.00
103	33 4100 - 4.7	Type B Inlet	23	Each	\$3,250.00	\$74,750.00	\$3,200.00	\$73,600.00	\$2,900.00	\$66,700.00	\$2,940.00	\$67,620.00	\$2,800.00	\$64,400.00	\$2,500.00	\$57,500.00	\$3,150.00	\$72,105.00
104	33 4100 - 4.7	Special Type B Inlet	2	Each	\$4,500.00	\$9,000.00	\$3,300.00	\$6,600.00	\$5,400.00	\$10,800.00	\$3,742.00	\$7,484.00	\$4,000.00	\$8,000.00	\$5,000.00	\$10,000.00	\$3,800.00	\$7,600.00
105	33 4100 - 4.8	Adjust Junction Box Frame and Cover	12	Each	\$200.00	\$2,400.00	\$175.00	\$2,100.00	\$350.00	\$4,200.00	\$330.00	\$3,960.00	\$400.00	\$4,800.00	\$350.00	\$4,200.00	\$378.00	\$4,536.00
106	33 4600 - 4.2	4" Underdrain Pipe	1,000	LF	\$22.00	\$22,000.00	\$5.50	\$5,500.00	\$12.50	\$12,500.00	\$18.00	\$18,000.00	\$19.00	\$19,000.00	\$15.00	\$15,000.00	\$20.00	\$20,000.00
<b>SANITARY SEWER</b>																		
107	33 3000 - 4.2	Remove Sanitary Sewer Manhole	11	Each	\$500.00	\$5,500.00	\$350.00	\$3,850.00	\$200.00	\$2,200.00	\$400.00	\$4,400.00	\$550.00	\$6,050.00	\$400.00	\$4,400.00	\$550.00	\$6,050.00
108	33 3000 - 4.2	Remove Sanitary Sewer Flusher Manhole	1	Each	\$800.00	\$800.00	\$500.00	\$500.00	\$200.00	\$200.00	\$600.00	\$600.00	\$600.00	\$600.00	\$830.60	\$830.60	\$750.00	\$750.00
109	33 3000 - 4.3	8" Dia Gravity Sewer Pipe	3,649	LF	\$40.00	\$146,960.00	\$42.00	\$153,258.00	\$47.00	\$171,503.00	\$41.00	\$151,409.00	\$48.00	\$175,152.00	\$40.00	\$146,400.00	\$56.00	\$204,344.00
110	33 3000 - 4.3	6" Dia Gravity Sewer Pipe	86	LF	\$35.00	\$3,010.00	\$40.00	\$3,440.00	\$38.00	\$3,268.00	\$40.00	\$3,440.00	\$27.00	\$2,322.00	\$30.00	\$2,580.00	\$51.00	\$4,386.00
111	33 3000 - 4.3	4" Dia Gravity Sewer Pipe	1,676	LF	\$25.00	\$41,900.00	\$23.00	\$38,548.00	\$31.00	\$51,956.00	\$36.00	\$60,336.00	\$24.00	\$40,224.00	\$25.00	\$41,900.00	\$44.00	\$73,744.00
112	33 3000 - 4.4	8"x4" Sanitary Sewer Service Connection	48	Each	\$350.00	\$16,800.00	\$235.00	\$11,280.00	\$120.00	\$5,760.00	\$906.00	\$43,488.00	\$1,200.00	\$57,600.00	\$450.00	\$21,600.00	\$350.00	\$16,800.00
113	33 3000 - 4.4	8"x6" Sanitary Sewer Service Connection	2	Each	\$400.00	\$800.00	\$250.00	\$500.00	\$160.00	\$320.00	\$976.00	\$1,952.00	\$1,300.00	\$2,600.00	\$500.00	\$1,000.00	\$420.00	\$840.00
114	33 3000 - 4.5	48" Dia Sanitary Sewer Manhole	13	Each	\$3,250.00	\$42,250.00	\$3,900.00	\$50,700.00	\$4,500.00	\$58,500.00	\$2,584.00	\$33,592.00	\$3,300.00	\$42,900.00	\$3,250.00	\$42,250.00	\$11,000.00	\$143,000.00
115	33 3000 - 4.5	48" Dia Sanitary Sewer Drop Manhole	1	Each	\$3,750.00	\$3,750.00	\$4,500.00	\$4,500.00	\$5,100.00	\$5,100.00	\$4,327.00	\$4,327.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$4,300.00	\$4,300.00
116	33 3000 - 4.6	Additional Vertical Feet Manhole	11	VF	\$150.00	\$1,650.00	\$350.00	\$3,850.00	\$500.00	\$5,500.00	\$153.00	\$1,683.00	\$200.00	\$2,200.00	\$150.00	\$1,650.00	\$150.00	\$1,650.00
117	33 3000 - 4.7	Connect to Existing Sanitary Sewer Pipe	21	Each	\$300.00	\$6,300.00	\$350.00	\$11,550.00	\$800.00	\$16,800.00	\$1,500.00	\$31,500.00	\$1,000.00	\$21,000.00	\$500.00	\$10,500.00	\$850.00	\$17,850.00
118	33 3000 - 4.8	Core Drill Sanitary Sewer Manhole	1	Each	\$1,100.00	\$1,100.00	\$1,800.00	\$1,800.00	\$950.00	\$950.00	\$1,700.00	\$1,700.00	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
119	33 3000 - 4.9	Chimney Seal	14	Each	\$150.00	\$2,100.00	\$550.00	\$7,700.00	\$500.00	\$7,000.00	\$970.00	\$9,700.00	\$350.00	\$4,900.00	\$300.00	\$4,200.00	\$270.00	\$3,780.00
120	33 3000 - 4.10	Adjustment of Manhole and Cover	14	Each	\$200.00	\$2,800.00	\$200.00	\$2,800.00	\$350.00	\$4,900.00	\$330.00	\$4,620.00	\$450.00	\$6,300.00	\$350.00	\$4,900.00	\$324.00	\$4,536.00
121	33 3000 - 4.11	Tracer Wire - Sanitary	5,288	LF	\$1.50	\$7,932.00	\$0.18	\$951.84	\$0.45	\$2,379.60	\$0.77	\$4,071.76	\$1.00	\$5,288.00	\$0.50	\$2,644.00	\$0.90	\$4,759.20
<b>SURFACING</b>																		
122	32 1123 - 4.3	Water For Granular Material	315	MGal	\$12.00	\$3,780.00	\$19.00	\$5,985.00	\$30.00	\$9,450.00	\$10.00	\$3,150.00	\$15.00	\$4,725.00	\$14.00	\$4,410.00	\$18.00	\$5,859.00
123	32 1123 - 4.1	Base Course	26,240	Ton	\$18.00	\$472,320.00	\$14.50	\$380,480.00	\$17.00	\$446,080.00	\$18.00	\$472,320.00	\$17.50	\$459,200.00	\$28.00	\$734,720.00	\$19.52	\$512,204.80
124	31 2400 - 4.7	Subbase Foundation Aggregate	2,624	Ton	\$57.00	\$150,208.00	\$23.50	\$61,664.00	\$35.00	\$91,840.00	\$30.00	\$78,720.00	\$26.00	\$68,224.00	\$20.00	\$52,480.00	\$28.88	\$75,781.12