

CITY OF VICTORIA
SANITARY SEWER LINE INSTALLATIONS IN GREENBRIAR ADDITION
BID TABULATION
5/12/2010

SANITARY SEWER SECTION				Huff and Mitchell, Inc.		Falcon Lease Operating Co.		Lopez Utility Contractor, LLC	
Item	Description	Estimated Quantity	Unit	Unit Cost	Estimated Extension	Unit Cost	Estimated Extension	Unit Cost	Estimated Extension
1	MOBILIZATION	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 37,500.00	\$ 37,500.00	\$ 15,000.00	\$ 15,000.00
2	TRAFFIC CONTROL/BARRICADES	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 4,200.00	\$ 4,200.00	\$ 10,000.00	\$ 10,000.00
3	FURNISH AND INSTALL 8" PVC, SDR-26 SANITARY SEWER LINE (IN NATURAL GROUND) (0'-5') BY OPEN CUT	15	LF	\$ 30.00	\$ 450.00	\$ 25.45	\$ 381.75	\$ 60.00	\$ 900.00
4	FURNISH AND INSTALL 8" PVC, SDR-26 SANITARY SEWER LINE (IN NATURAL GROUND) (5'-10') BY OPEN CUT	35	LF	\$ 30.00	\$ 1,050.00	\$ 29.35	\$ 1,027.25	\$ 65.00	\$ 2,275.00
5	FURNISH AND INSTALL 15" PVC, SDR-26 SANITARY SEWER LINE (IN NATURAL GROUND) (5'-10') BY OPEN CUT	15	LF	\$ 40.00	\$ 600.00	\$ 50.95	\$ 764.25	\$ 90.00	\$ 1,350.00
6	FURNISH AND INSTALL 15" PVC, SDR-26 SANITARY SEWER LINE (IN NATURAL GROUND (10'-15') BY OPEN CUT	20	LF	\$ 40.00	\$ 800.00	\$ 56.25	\$ 1,125.00	\$ 90.00	\$ 1,800.00
7	FURNISH AND INSTALL 15" PVC, SDR-26 SANITARY SEWER LINE (IN GRAVEL PARKING LOT) (5'-10') BY OPEN CUT	270	LF	\$ 100.00	\$ 27,000.00	\$ 81.35	\$ 21,964.50	\$ 85.00	\$ 22,950.00
8	FURNISH AND INSTALL 8" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC) (0'-5') BY OPEN CUT	115	LF	\$ 90.00	\$ 10,350.00	\$ 43.40	\$ 4,991.00	\$ 60.00	\$ 6,900.00
9	FURNISH AND INSTALL 8" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC) (5'-10') BY OPEN CUT	105	LF	\$ 90.00	\$ 9,450.00	\$ 53.85	\$ 5,654.25	\$ 65.00	\$ 6,825.00
10	FURNISH AND INSTALL 15" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC) (10'-15') BY OPEN CUT	489	LF	\$ 145.00	\$ 70,905.00	\$ 98.75	\$ 48,288.75	\$ 120.00	\$ 58,680.00
11	REMOVE 6" AND REPLACE WITH 8" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC)(0'-5') BY OPEN CUT	190	LF	\$ 90.00	\$ 17,100.00	\$ 49.15	\$ 9,338.50	\$ 60.00	\$ 11,400.00

12	REMOVE 6" AND REPLACE WITH 8" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC)(5'-10') BY OPEN CUT	722	LF	\$ 100.00	\$ 72,200.00	\$ 55.60	\$ 40,143.20	\$ 65.00	\$ 46,930.00
13	REMOVE 6" AND REPLACE WITH 15" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC)(5'-10') BY OPEN CUT	119	LF	\$ 105.00	\$ 12,495.00	\$ 100.15	\$ 11,917.85	\$ 92.00	\$ 10,948.00
14	REMOVE 6" AND REPLACE WITH 15" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC)(10'-15') BY OPEN CUT	749	LF	\$ 125.00	\$ 93,625.00	\$ 113.65	\$ 85,123.85	\$ 100.00	\$ 74,900.00
15	REMOVE 12" AND REPLACE WITH 15" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC)(10'-15') BY OPEN CUT	333	LF	\$ 150.00	\$ 49,950.00	\$ 110.85	\$ 36,913.05	\$ 130.00	\$ 43,290.00
16	PIPE BURST EXISTING 6" SANITARY SEWER LINE WITH 8" HDPE, SDR-9 SANITARY SEWER LINE	3500	LF	\$ 23.00	\$ 80,500.00	\$ 40.60	\$ 142,100.00	\$ 38.00	\$ 133,000.00
17	PIPE BURST EXISTING 10" SANITARY SEWER LINE WITH 8" HDPE, SDR-9 SANITARY SEWER LINE	250	LF	\$ 25.00	\$ 6,250.00	\$ 47.05	\$ 11,762.50	\$ 38.00	\$ 9,500.00
18	PIPE BURST EXISTING 12" SANITARY SEWER LINE WITH 8" HDPE, SDR-9 SANITARY SEWER LINE	350	LF	\$ 23.00	\$ 8,050.00	\$ 46.35	\$ 16,222.50	\$ 38.00	\$ 13,300.00
19	PIPE BURST EXISTING 12" SANITARY SEWER LINE WITH 12" HDPE, SDR-9 SANITARY SEWER LINE	1002	LF	\$ 40.00	\$ 40,080.00	\$ 56.00	\$ 56,112.00	\$ 69.00	\$ 69,138.00
20	BORE 24" STEEL CASING (1/4" THICK) BY AUGER CONSTRUCTION FOR SANITARY SEWER MAIN	125	LF	\$ 160.00	\$ 20,000.00	\$ 185.00	\$ 23,125.00	\$ 425.00	\$ 53,125.00
21	FURNISH AND INSTALL 15" PVC, SDR-26 SANITARY SEWER LINE IN CASING INCLUDING SPACERS AND ENDSEALS	125	LF	\$ 35.00	\$ 4,375.00	\$ 35.75	\$ 4,468.75	\$ 105.00	\$ 13,125.00
22	FURNISH AND INSTALL SANITARY SEWER MANHOLE, 0'-6' DEEP	13	EA	\$ 3,500.00	\$ 45,500.00	\$ 2,785.00	\$ 36,205.00	\$ 3,500.00	\$ 45,500.00
23	FURNISH AND INSTALL SANITARY SEWER MANHOLE, 0'-6' DEEP. SET ON EXISTING SANITARY	2	EA	\$ 3,600.00	\$ 7,200.00	\$ 2,765.00	\$ 5,530.00	\$ 4,200.00	\$ 8,400.00

24	REMOVE EXISTING MANHOLE AND REPLACE WITH SANITARY SEWER MANHOLE, 0'-6' DEEP, OR REHABILITATION OF 48" DIAMETER MANHOLE USING POLY-TRIPLEX LINER SYSTEM (PLTS-6800) OR TERRE HILL MULTIPLEX LINER (PVCP20-58), INCLUDING CONFINED SPACE REQUIREMENTS, REMOVE EXISTING 24" DIA. MH LID AND FRAME AND REPLACE WITH 30" DIA MH LID AND FRAME, SHAPING FORMING, AND COATING MANHOLE BOTTOM, INSTALLATION OF NEW PIPES, COMPLETE AND IN PLACE, 0'-10' DEEP, AS AUTHORIZED BY ENGINEER	15	EA	\$ 3,600.00	\$ 54,000.00	\$ 3,035.00	\$ 45,525.00	\$ 3,500.00	\$ 52,500.00
25	REMOVE EXISTING MANHOLE AND REPLACE WITH SANITARY SEWER DROP MANHOLE, 0'-6' DEEP	1	EA	\$ 4,000.00	\$ 4,000.00	\$ 3,490.00	\$ 3,490.00	\$ 4,800.00	\$ 4,800.00
26	FURNISH AND INSTALL SANITARY SEWER MANHOLE, EXTRA DEPTH	54	VF	\$ 80.00	\$ 4,320.00	\$ 211.30	\$ 11,410.20	\$ 100.00	\$ 5,400.00
27	PLUG AND ABANDON EXISTING MANHOLE	8	EA	\$ 500.00	\$ 4,000.00	\$ 350.00	\$ 2,800.00	\$ 600.00	\$ 4,800.00
28	PLUG 10" SANITARY SEWER LINE	1	EA	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 800.00	\$ 800.00
29	PLUG 12" SANITARY SEWER LINE	3	EA	\$ 200.00	\$ 600.00	\$ 225.00	\$ 675.00	\$ 800.00	\$ 2,400.00
30	ABANDON EXISTING CLEANOUT ON THE MAIN	1	EA	\$ 100.00	\$ 100.00	\$ 125.00	\$ 125.00	\$ 400.00	\$ 400.00
31	TIE PROPOSED SANITARY SEWER LINE TO EXISTING MANHOLE	1	EA	\$ 250.00	\$ 250.00	\$ 575.00	\$ 575.00	\$ 1,500.00	\$ 1,500.00
32	FURNISH AND INSTALL 4" SHORT SIDE, SINGLE SANITARY SEWER SERVICE W/ CLEANOUT AT THE PROPERTY LINE	30	EA	\$ 425.00	\$ 12,750.00	\$ 805.00	\$ 24,150.00	\$ 700.00	\$ 21,000.00
33	FURNISH AND INSTALL 4" LONG SIDE, SINGLE SANITARY SEWER SERVICE W/ CLEANOUT AT THE PROPERTY LINE	20	EA	\$ 500.00	\$ 10,000.00	\$ 1,255.00	\$ 25,100.00	\$ 1,100.00	\$ 22,000.00

34	FURNISH AND INSTALL 6" LONG SIDE, DOUBLE SANITARY SEWER SERVICE W/ CLEANOUTS AT THE PROPERTY LINE	5	EA	\$ 800.00	\$ 4,000.00	\$ 1,087.00	\$ 5,435.00	\$ 1,500.00	\$ 7,500.00
35	FURNISH AND INSTALL 6" SHORT SIDE, DOUBLE SANITARY SEWER SERVICE W/ CLEANOUTS AT THE PROPERTY LINE	2	EA	\$ 600.00	\$ 1,200.00	\$ 490.00	\$ 980.00	\$ 1,500.00	\$ 3,000.00
36	FURNISH AND INSTALL 4" SHORT SIDE, SINGLE SANITARY SEWER SERVICE ON A PIPE BURSTED SANITARY SEWER MAIN W/ CLEANOUT AT THE PROPERTY LINE	48	EA	\$ 350.00	\$ 16,800.00	\$ 730.00	\$ 35,040.00	\$ 650.00	\$ 31,200.00
37	FURNISH AND INSTALL 4" LONG SIDE, SINGLE SANITARY SEWER SERVICE ON A PIPE BURSTED SANITARY SEWER MAIN W/ CLEANOUT AT THE PROPERTY LINE	43	EA	\$ 450.00	\$ 19,350.00	\$ 1,165.00	\$ 50,095.00	\$ 900.00	\$ 38,700.00
38	FURNISH AND INSTALL 6" LONG SIDE, DOUBLE SANITARY SEWER SERVICE ON A PIPE BURSTED SANITARY SEWER MAIN W/ CLEANOUT AT THE PROPERTY LINE	6	EA	\$ 600.00	\$ 3,600.00	\$ 1,300.00	\$ 7,800.00	\$ 1,500.00	\$ 9,000.00
39	REMOVE EXISTING 4" SANITARY SEWER SERVICE AND REPLACE WITH 4" LONG SIDE, SINGLE SANITARY SEWER SERVICE. INCLUDES TIE TO EXISTING SANITARY SEWER MAIN AND CLEANOUT AT PROPERTY LINE	13	EA	\$ 500.00	\$ 6,500.00	\$ 1,115.00	\$ 14,495.00	\$ 1,100.00	\$ 14,300.00
40	REMOVE EXISTING 4" SANITARY SEWER SERVICE AND REPLACE WITH 4" SHORT SIDE, SINGLE SANITARY SEWER SERVICE. INCLUDES TIE TO EXISTING SANITARY SEWER MAIN AND CLEANOUT AT PROPERTY LINE	15	EA	\$ 350.00	\$ 5,250.00	\$ 740.00	\$ 11,100.00	\$ 800.00	\$ 12,000.00

41	RECONNECT EXISTING 4" PVC SANITARY SEWER SERVICE TO NEW SEWER LINE AND INSTALL CLEANOUT AT PROPERTY LINE AS DIRECTED BY ENGINEER	2	EA	\$ 350.00	\$ 700.00	\$ 240.00	\$ 480.00	\$ 1,200.00	\$ 2,400.00
42	RECONNECT EXISTING 6" PVC SANITARY SEWER SERVICE TO NEW SEWER LINE AND INSTALL CLEANOUT AT PROPERTY LINE AS DIRECTED BY ENGINEER	2	EA	\$ 350.00	\$ 700.00	\$ 320.00	\$ 640.00	\$ 1,500.00	\$ 3,000.00
43	REPLUMB PRIVATE 4" SANITARY SEWER SERVICE LINE PER DETAIL (INCLUDES ALL TIE-INS, PAVEMENT REPAIR, SURFACE RESTORATION, ETC AS REQUIRED BY PLUMBING CODE)	275	LF	\$ 50.00	\$ 13,750.00	\$ 36.00	\$ 9,900.00	\$ 65.00	\$ 17,875.00
44	REPLUMB PRIVATE 6" SANITARY SEWER SERVICE LINE PER DETAIL (INCLUDES ALL TIE-INS, PAVEMENT REPAIR, SURFACE RESTORATION, ETC AS REQUIRED BY PLUMBING CODE)	150	LF	\$ 50.00	\$ 7,500.00	\$ 38.00	\$ 5,700.00	\$ 67.00	\$ 10,050.00
45	TRENCH SAFETY	2850	LF	\$ 1.00	\$ 2,850.00	\$ 2.00	\$ 5,700.00	\$ 2.00	\$ 5,700.00
46	REMOVE AND REPLACE CONCRETE DRIVEWAY	1200	SF	\$ 7.00	\$ 8,400.00	\$ 7.75	\$ 9,300.00	\$ 5.00	\$ 6,000.00
47	STORM WATER POLLUTION PREVENTION PLAN AND NOTICE OF INTENT FOR CONTRACTOR	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00
48	FURNISH, INSTALL, MAINTAIN, AND REMOVE STORM WATER INLET PROTECTORS	15	EA	\$ 50.00	\$ 750.00	\$ 100.00	\$ 1,500.00	\$ 500.00	\$ 7,500.00
49	EXPLORATORY SANITARY SEWER SERVICE LOCATIONS AT PROPERTY LINE, WHEN AUTHORIZED BY ENGINEER	10	EA	\$ 200.00	\$ 2,000.00	\$ 250.00	\$ 2,500.00	\$ 150.00	\$ 1,500.00
50	CONSTRUCT 5'x5' STORM SEWER JUNCTION BOX FOR 8" SANITARY SEWER CONFLICT. INCLUDES 12" C-900, DR-18 ENCASEMENT	1	EA	\$ 4,500.00	\$ 4,500.00	\$ 4,250.00	\$ 4,250.00	\$ 3,500.00	\$ 3,500.00

51	POINT REPAIR FOR 8" PIPE BURST (ALL DEPTHS), WHEN AUTHORIZED BY OWNER (20LF)	4	EA	\$ 50.00	\$ 200.00	\$ 1,100.00	\$ 4,400.00	\$ 1,200.00	\$ 4,800.00
52	POINT REPAIR FOR 12" PIPE BURST (ALL DEPTHS), WHEN AUTHORIZED BY OWNER (20LF)	2	EA	\$ 50.00	\$ 100.00	\$ 1,100.00	\$ 2,200.00	\$ 1,300.00	\$ 2,600.00
53	REMOVE AND REPLACE CONCRETE SIDEWALK (4" THICK)	100	SF	\$ 20.00	\$ 2,000.00	\$ 9.50	\$ 950.00	\$ 7.50	\$ 750.00
54	REMOVE AND REPLACE CONCRETE CURB AND GUTTER	50	LF	\$ 30.00	\$ 1,500.00	\$ 25.00	\$ 1,250.00	\$ 10.00	\$ 500.00
55	OBSTRUCTION REMOVAL AS REQUIRED TO PIPE BURST EXISTING SANITARY SEWER LINE (ALL DIAMETERS) AS DIRECTED BY ENGINEER	5	EA	\$ 200.00	\$ 1,000.00	\$ 650.00	\$ 3,250.00	\$ 300.00	\$ 1,500.00
Sanitary Sewer Subtotal					\$ 877,800.00		\$ 898,374.15		\$ 959,711.00

Item	Description	Estimated Quantity	Unit	SER Construction Partners		Lester Contracting		Triple B Services	
				Unit Cost	Estimated Extension	Unit Cost	Estimated Extension	Unit Cost	Estimated Extension
1	MOBILIZATION	1	LS	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ 150,000.00	\$ 150,000.00
2	CONTROL/BARRICADES	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 7,000.00	\$ 7,000.00	\$ 32,736.00	\$ 32,736.00
3	PVC, SDR-26 SANITARY	15	LF	\$ 73.00	\$ 1,095.00	\$ 34.00	\$ 510.00	\$ 135.00	\$ 2,025.00
4	PVC, SDR-26 SANITARY	35	LF	\$ 81.00	\$ 2,835.00	\$ 39.00	\$ 1,365.00	\$ 140.00	\$ 4,900.00
5	FURNISH AND INSTALL 15" PVC, SDR-26 SANITARY SEWER LINE (IN NATURAL GROUND) (5'-10') BY OPEN CUT	15	LF	\$ 89.00	\$ 1,335.00	\$ 81.00	\$ 1,215.00	\$ 155.00	\$ 2,325.00
6	FURNISH AND INSTALL 15" PVC, SDR-26 SANITARY SEWER LINE (IN NATURAL GROUND (10'-15') BY OPEN CUT	20	LF	\$ 98.00	\$ 1,960.00	\$ 79.00	\$ 1,580.00	\$ 160.00	\$ 3,200.00
7	FURNISH AND INSTALL 15" PVC, SDR-26 SANITARY SEWER LINE (IN GRAVEL PARKING LOT) (5'-10') BY OPEN CUT	270	LF	\$ 89.00	\$ 24,030.00	\$ 95.00	\$ 25,650.00	\$ 170.00	\$ 45,900.00
8	FURNISH AND INSTALL 8" PVC, SDR-26 SANITARY SEWER LINE (IN HMC) (0'-5') BY OPEN CUT	115	LF	\$ 65.00	\$ 7,475.00	\$ 72.00	\$ 8,280.00	\$ 200.00	\$ 23,000.00

9	FURNISH AND INSTALL 8" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC) (5'-10') BY OPEN CUT	105	LF	\$ 74.00	\$ 7,770.00	\$ 110.00	\$ 11,550.00	\$ 210.00	\$ 22,050.00
10	FURNISH AND INSTALL 15" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC) (10'-15') BY OPEN CUT	489	LF	\$ 97.00	\$ 47,433.00	\$ 134.00	\$ 65,526.00	\$ 225.00	\$ 110,025.00
11	REMOVE 6" AND REPLACE WITH 8" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC)(0'-5') BY OPEN CUT	190	LF	\$ 72.00	\$ 13,680.00	\$ 58.00	\$ 11,020.00	\$ 155.00	\$ 29,450.00
12	REMOVE 6" AND REPLACE WITH 8" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC)(5'-10') BY OPEN CUT	722	LF	\$ 72.00	\$ 51,984.00	\$ 105.00	\$ 75,810.00	\$ 160.00	\$ 115,520.00
13	REMOVE 6" AND REPLACE WITH 15" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC)(5'-10') BY OPEN CUT	119	LF	\$ 89.00	\$ 10,591.00	\$ 109.00	\$ 12,971.00	\$ 190.00	\$ 22,610.00
14	REMOVE 6" AND REPLACE WITH 15" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC)(10'-15') BY OPEN CUT	749	LF	\$ 98.00	\$ 73,402.00	\$ 122.00	\$ 91,378.00	\$ 195.00	\$ 146,055.00
15	REMOVE 12" AND REPLACE WITH 15" PVC, SDR-26 SANITARY SEWER LINE (IN HMAC)(10'-15') BY OPEN CUT	333	LF	\$ 105.00	\$ 34,965.00	\$ 122.00	\$ 40,626.00	\$ 200.00	\$ 66,600.00
16	PIPE BURST EXISTING 6" SANITARY SEWER LINE WITH 8" HDPE, SDR-9 SANITARY SEWER LINE	3500	LF	\$ 29.50	\$ 103,250.00	\$ 35.00	\$ 122,500.00	\$ 26.50	\$ 92,750.00
17	PIPE BURST EXISTING 10" SANITARY SEWER LINE WITH 8" HDPE, SDR-9 SANITARY SEWER LINE	250	LF	\$ 30.00	\$ 7,500.00	\$ 35.00	\$ 8,750.00	\$ 26.50	\$ 6,625.00
18	PIPE BURST EXISTING 12" SANITARY SEWER LINE WITH 8" HDPE, SDR-9 SANITARY SEWER LINE	350	LF	\$ 30.00	\$ 10,500.00	\$ 35.00	\$ 12,250.00	\$ 26.50	\$ 9,275.00
19	PIPE BURST EXISTING 12" SANITARY SEWER LINE WITH 12" HDPE, SDR-9 SANITARY SEWER LINE	1002	LF	\$ 51.00	\$ 51,102.00	\$ 58.00	\$ 58,116.00	\$ 46.00	\$ 46,092.00
20	BORE 24" STEEL CASING (1/4" THICK) BY AUGER CONSTRUCTION FOR SANITARY SEWER MAIN	125	LF	\$ 141.00	\$ 17,625.00	\$ 200.00	\$ 25,000.00	\$ 135.80	\$ 16,975.00

21	FURNISH AND INSTALL 15" PVC, SDR-26 SANITARY SEWER LINE IN CASING INCLUDING SPACERS AND ENDSEALS	125	LF	\$ 38.00	\$ 4,750.00	\$ 65.00	\$ 8,125.00	\$ 49.60	\$ 6,200.00
22	FURNISH AND INSTALL SANITARY SEWER MANHOLE, 0'-6' DEEP	13	EA	\$ 1,900.00	\$ 24,700.00	\$ 3,500.00	\$ 45,500.00	\$ 2,365.50	\$ 30,751.50
23	FURNISH AND INSTALL SANITARY SEWER MANHOLE, 0'-6' DEEP. SET ON EXISTING SANITARY SEWER LINE	2	EA	\$ 2,250.00	\$ 4,500.00	\$ 3,900.00	\$ 7,800.00	\$ 2,734.50	\$ 5,469.00
24	REMOVE EXISTING MANHOLE AND REPLACE WITH SANITARY SEWER MANHOLE, 0'-6' DEEP, OR REHABILITATION OF 48" DIAMETER MANHOLE USING POLY-TRIPLEX LINER SYSTEM (PLTS-6800) OR TERRE HILL MULTIPLEX LINER (PVCP20-58), INCLUDING CONFINED SPACE REQUIREMENTS, REMOVE EXISTING 24" DIA. MH LID AND FRAME AND REPLACE WITH 30" DIA MH LID AND FRAME, SHAPING FORMING, AND COATING MANHOLE BOTTOM, INSTALLATION OF NEW PIPES, COMPLETE AND IN PLACE, 0'-10' DEEP, AS AUTHORIZED BY ENGINEER	15	EA	\$ 1,800.00	\$ 27,000.00	\$ 4,200.00	\$ 63,000.00	\$ 3,121.00	\$ 46,815.00
25	REMOVE EXISTING MANHOLE AND REPLACE WITH SANITARY SEWER DROP MANHOLE, 0'-6' DEEP	1	EA	\$ 2,700.00	\$ 2,700.00	\$ 5,100.00	\$ 5,100.00	\$ 3,813.00	\$ 3,813.00
26	FURNISH AND INSTALL SANITARY SEWER MANHOLE, EXTRA DEPTH	54	VF	\$ 100.00	\$ 5,400.00	\$ 160.00	\$ 8,640.00	\$ 1.00	\$ 54.00
27	PLUG AND ABANDON EXISTING MANHOLE	8	EA	\$ 400.00	\$ 3,200.00	\$ 2,075.00	\$ 16,600.00	\$ 582.00	\$ 4,656.00
28	PLUG 10" SANITARY SEWER LINE	1	EA	\$ 130.00	\$ 130.00	\$ 500.00	\$ 500.00	\$ 49.05	\$ 49.05
29	PLUG 12" SANITARY SEWER LINE	3	EA	\$ 180.00	\$ 540.00	\$ 500.00	\$ 1,500.00	\$ 58.45	\$ 175.35
30	ABANDON EXISTING CLEANOUT ON THE MAIN	1	EA	\$ 170.00	\$ 170.00	\$ 500.00	\$ 500.00	\$ 323.30	\$ 323.30

31	TIE PROPOSED SANITARY SEWER LINE TO EXISTING MANHOLE	1	EA	\$ 400.00	\$ 400.00	\$ 750.00	\$ 750.00	\$ 2,586.50	\$ 2,586.50
32	FURNISH AND INSTALL 4" SHORT SIDE, SINGLE SANITARY SEWER SERVICE W/ CLEANOUT AT THE PROPERTY LINE	30	EA	\$ 580.00	\$ 17,400.00	\$ 1,300.00	\$ 39,000.00	\$ 1,271.50	\$ 38,145.00
33	FURNISH AND INSTALL 4" LONG SIDE, SINGLE SANITARY SEWER SERVICE W/ CLEANOUT AT THE PROPERTY LINE	20	EA	\$ 1,000.00	\$ 20,000.00	\$ 1,600.00	\$ 32,000.00	\$ 2,423.50	\$ 48,470.00
34	FURNISH AND INSTALL 6" LONG SIDE, DOUBLE SANITARY SEWER SERVICE W/ CLEANOUTS AT THE PROPERTY LINE	5	EA	\$ 1,100.00	\$ 5,500.00	\$ 2,000.00	\$ 10,000.00	\$ 2,792.50	\$ 13,962.50
35	FURNISH AND INSTALL 6" SHORT SIDE, DOUBLE SANITARY SEWER SERVICE W/ CLEANOUTS AT THE PROPERTY LINE	2	EA	\$ 750.00	\$ 1,500.00	\$ 1,200.00	\$ 2,400.00	\$ 1,518.50	\$ 3,037.00
36	FURNISH AND INSTALL 4" SHORT SIDE, SINGLE SANITARY SEWER SERVICE ON A PIPE BURSTED SANITARY SEWER MAIN W/ CLEANOUT AT THE PROPERTY LINE	48	EA	\$ 400.00	\$ 19,200.00	\$ 700.00	\$ 33,600.00	\$ 510.90	\$ 24,523.20
37	FURNISH AND INSTALL 4" LONG SIDE, SINGLE SANITARY SEWER SERVICE ON A PIPE BURSTED SANITARY SEWER MAIN W/ CLEANOUT AT THE PROPERTY LINE	43	EA	\$ 750.00	\$ 32,250.00	\$ 1,200.00	\$ 51,600.00	\$ 885.90	\$ 38,093.70
38	FURNISH AND INSTALL 6" LONG SIDE, DOUBLE SANITARY SEWER SERVICE ON A PIPE BURSTED SANITARY SEWER MAIN W/ CLEANOUT AT THE PROPERTY LINE	6	EA	\$ 1,200.00	\$ 7,200.00	\$ 1,350.00	\$ 8,100.00	\$ 1,416.00	\$ 8,496.00

39	REMOVE EXISTING 4" SANITARY SEWER SERVICE AND REPLACE WITH 4" LONG SIDE, SINGLE SANITARY SEWER SERVICE. INCLUDES TIE TO EXISTING SANITARY SEWER MAIN AND CLEANOUT AT PROPERTY LINE	13	EA	\$ 850.00	\$ 11,050.00	\$ 1,800.00	\$ 23,400.00	\$ 3,009.00	\$ 39,117.00
40	REMOVE EXISTING 4" SANITARY SEWER SERVICE AND REPLACE WITH 4" SHORT SIDE, SINGLE SANITARY SEWER SERVICE. INCLUDES TIE TO EXISTING SANITARY SEWER MAIN AND CLEANOUT AT PROPERTY LINE	15	EA	\$ 600.00	\$ 9,000.00	\$ 1,200.00	\$ 18,000.00	\$ 1,734.50	\$ 26,017.50
41	RECONNECT EXISTING 4" PVC SANITARY SEWER SERVICE TO NEW SEWER LINE AND INSTALL CLEANOUT AT PROPERTY LINE AS DIRECTED BY ENGINEER	2	EA	\$ 400.00	\$ 800.00	\$ 775.00	\$ 1,550.00	\$ 1,090.00	\$ 2,180.00
42	RECONNECT EXISTING 6" PVC SANITARY SEWER SERVICE TO NEW SEWER LINE AND INSTALL CLEANOUT AT PROPERTY LINE AS DIRECTED BY ENGINEER	2	EA	\$ 460.00	\$ 920.00	\$ 875.00	\$ 1,750.00	\$ 1,116.50	\$ 2,233.00
43	REPLUMB PRIVATE 4" SANITARY SEWER SERVICE LINE PER DETAIL (INCLUDES ALL TIE-INS, PAVEMENT REPAIR, SURFACE RESTORATION, ETC AS REQUIRED BY PLUMBING CODE)	275	LF	\$ 520.00	\$ 143,000.00	\$ 60.00	\$ 16,500.00	\$ 35.00	\$ 9,625.00
44	REPLUMB PRIVATE 6" SANITARY SEWER SERVICE LINE PER DETAIL (INCLUDES ALL TIE-INS, PAVEMENT REPAIR, SURFACE RESTORATION, ETC AS REQUIRED BY PLUMBING CODE)	150	LF	\$ 590.00	\$ 88,500.00	\$ 85.00	\$ 12,750.00	\$ 30.00	\$ 4,500.00
45	TRENCH SAFETY	2850	LF	\$ 0.30	\$ 855.00	\$ 5.00	\$ 14,250.00	\$ 0.10	\$ 285.00
46	REMOVE AND REPLACE CONCRETE DRIVEWAY	1200	SF	\$ 10.00	\$ 12,000.00	\$ 6.50	\$ 7,800.00	\$ 17.50	\$ 21,000.00

47	STORM WATER POLLUTION PREVENTION PLAN AND NOTICE OF INTENT FOR CONTRACTOR	1	EA	\$ 500.00	\$ 500.00	\$ 3,500.00	\$ 3,500.00	\$ 350.00	\$ 350.00
48	FURNISH, INSTALL, MAINTAIN, AND REMOVE STORM WATER INLET PROTECTORS	15	EA	\$ 100.00	\$ 1,500.00	\$ 500.00	\$ 7,500.00	\$ 45.00	\$ 675.00
49	EXPLORATORY SANITARY SEWER SERVICE LOCATIONS AT PROPERTY LINE, WHEN AUTHORIZED BY ENGINEER	10	EA	\$ 2,200.00	\$ 22,000.00	\$ 350.00	\$ 3,500.00	\$ 800.00	\$ 8,000.00
50	CONSTRUCT 5'x5' STORM SEWER JUNCTION BOX FOR 8" SANITARY SEWER CONFLICT. INCLUDES 12" C-900, DR-18 ENCASEMENT	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 5,200.00	\$ 5,200.00	\$ 6,466.50	\$ 6,466.50
51	POINT REPAIR FOR 8" PIPE BURST (ALL DEPTHS), WHEN AUTHORIZED BY OWNER (20LF)	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 2,800.00	\$ 11,200.00	\$ 6,944.00	\$ 27,776.00
52	POINT REPAIR FOR 12" PIPE BURST (ALL DEPTHS), WHEN AUTHORIZED BY OWNER (20LF)	2	EA	\$ 3,300.00	\$ 6,600.00	\$ 3,000.00	\$ 6,000.00	\$ 10,346.00	\$ 20,692.00
53	REMOVE AND REPLACE CONCRETE SIDEWALK (4" THICK)	100	SF	\$ 13.00	\$ 1,300.00	\$ 6.50	\$ 650.00	\$ 6.85	\$ 685.00
54	REMOVE AND REPLACE CONCRETE CURB AND GUTTER	50	LF	\$ 40.00	\$ 2,000.00	\$ 20.00	\$ 1,000.00	\$ 25.00	\$ 1,250.00
55	OBSTRUCTION REMOVAL AS REQUIRED TO PIPE BURST EXISTING SANITARY SEWER LINE (ALL DIAMETERS) AS DIRECTED BY ENGINEER	5	EA	\$ 2,800.00	\$ 14,000.00	\$ 750.00	\$ 3,750.00	\$ 500.00	\$ 2,500.00
Sanitary Sewer Subtotal					\$ 1,039,097.00		\$ 1,099,112.00		\$ 1,397,085.10