

CITY OF SOLON
PEPPERWOOD ESTATES STORM SEWER REPLACEMENT, PHASE 1, CONTRACT 2007.31
BID TABULATION

ITEM NO.	DESCRIPTION	QTY	UNIT	Terrace				Mr. Excavator				Trax				DiGioia-Suburban			
				UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST
				LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL		
1	CLEARING AND GRUBBING	1	LS	\$ 54,401.00	\$ 21,110.00	\$ 75,511.00	\$ 75,511.00	\$ 37,250.00	\$ 2,430.00	\$ 39,680.00	\$ 39,680.00			\$ -	\$ 32,277.00	\$ 17,000.00	\$ -	\$ 17,000.00	\$ 17,000.00
2	REMOVE EXISTING PIPE OUTSIDE LIMITS OF NEW STORM SEWER	285	LF	9.43	4.07	13.50	3,847.50	11.48	13.24	24.72	7,045.20	8.00	4.00	12.00	3,420.00	8.00	1.00	9.00	2,565.00
3	REMOVE AND REPLACE 8" THICK CONCRETE PAVEMENT W/ROLLED CURB, CLASS "MS"	6,500	SY	24.85	30.15	55.00	357,500.00	29.50	29.16	58.66	381,290.00	20.00	33.00	53.00	344,500.00	22.00	34.00	56.00	364,000.00
4	REMOVE AND REPLACE UNSUITABLE SUBBASE MATERIALS, AS DIRECTED	500	CY	10.00	11.00	21.00	10,500.00	19.00	20.52	39.52	19,760.00	10.00	25.00	35.00	17,500.00	25.00	30.00	55.00	27,500.00
5	CEMENT STABILIZED SUBGRADE	330	TON	56.50	56.50	113.00	37,290.00	54.00	58.32	112.32	37,065.60	50.00	65.00	115.00	37,950.00	47.00	70.00	117.00	38,610.00
5A	STABILIZATION IN PLACE	6,500	SY	2.75	2.75	5.50	35,750.00	3.50	0.09	3.59	23,335.00	3.00	0.50	3.50	22,750.00	2.00	2.00	4.00	26,000.00
6	PROOF ROLLING	4	HR	90.25	90.25	180.50	722.00	42.50	45.90	88.40	353.60	65.00	-	65.00	260.00	100.00	-	100.00	400.00
7	CONTRACTOR DESIGNED CHEMICALLY STABILIZED SUBGRADE, USE ODOT CMS 2008 & SUPPLEMENT 1120	1	LS	1,985.25	1,985.25	3,970.50	3,970.50	1,450.00	1,566.00	3,016.00	3,016.00			-	8,000.00	4,000.00	-	4,000.00	4,000.00
8	6" UNDERDRAIN (W/O FABRIC WRAP)	4,000	LF	5.34	4.66	10.00	40,000.00	2.39	5.64	8.03	32,120.00	5.00	5.00	10.00	40,000.00	4.00	3.00	7.00	28,000.00
9	MONUMENT ASSEMBLY	9	EA	248.86	53.14	302.00	2,718.00	200.00	108.00	308.00	2,772.00	85.00	115.00	200.00	1,800.00	200.00	50.00	250.00	2,250.00
10	REMOVE AND REPLACE 6" CONCRETE DRIVE APRON, CLASS "MS"	7,700	SF	3.39	2.11	5.50	42,350.00	2.50	2.70	5.20	40,040.00	2.00	1.55	3.55	27,335.00	4.00	2.50	6.50	50,050.00
11	REMOVE AND REPLACE ASPHALT DRIVE APRON	330	SF	4.49	2.51	7.00	2,310.00	2.50	2.70	5.20	1,716.00	2.00	1.00	3.00	990.00	4.50	3.00	7.50	2,475.00
12	ODOT ITEM 203, EXCAVATION	250	CY	11.00		11.00	2,750.00	7.65	-	7.65	1,912.50	2.00	-	2.00	500.00	11.00	-	11.00	2,750.00
13	ODOT ITEM 203, EMBANKMENT	250	CY	2.00	1.00	3.00	750.00	7.86	-	7.86	1,965.00	2.00	-	2.00	500.00	5.50	-	5.50	1,375.00
14	CONCRETE HEADWALL	1	EA	1,695.20	2,136.80	3,832.00	3,832.00	703.75	7,213.01	7,916.76	7,916.76	6,100.00	3,100.00	9,200.00	9,200.00	4,300.00	3,500.00	7,800.00	7,800.00
15	ROCK CHANNEL PROTECTION, TYPE B	65	CY	60.50	102.00	162.50	10,562.50	179.95	-	179.95	11,696.75	30.00	100.00	130.00	8,450.00	50.00	200.00	250.00	16,250.00
16	8" PVC STORM SEWER SHORT LATERALS INCLUDING TEST TEE	12	EA	538.85	311.65	850.50	10,206.00	478.51	1,169.95	1,648.46	19,781.52	2,175.00	928.00	3,103.00	37,236.00	750.00	550.00	1,300.00	15,600.00
17	8" PVC STORM SEWER LONG LATERALS INCLUDING TEST TEE	13	EA	1,846.88	1,240.12	3,087.00	40,131.00	717.77	2,278.81	2,996.58	38,955.54	2,311.00	1,215.00	3,526.00	45,838.00	2,000.00	1,500.00	3,500.00	45,500.00
18	6" PVC SANITARY SEWER SHORT LATERALS INCLUDING TEST TEE	2	EA	514.18	185.32	699.50	1,399.00	957.02	265.53	1,222.55	2,445.10	1,383.00	611.00	1,994.00	3,988.00	800.00	300.00	1,100.00	2,200.00
19	6" PVC SANITARY LATERAL REPAIR OR RECONSTRUCTION INCLUDING TEST TEE	250	LF	13.79	7.71	21.50	5,375.00	22.97	75.56	98.53	24,632.50	4.00	3.00	7.00	1,750.00	30.00	23.00	53.00	13,250.00
20	8" PVC SANITARY SEWER	130	LF	18.04	11.96	30.00	3,900.00	14.36	11.70	26.06	3,387.80	29.00	26.00	55.00	7,150.00	30.00	13.00	43.00	5,590.00
21	FRENCH DRAIN	250	LF	5.84	2.16	8.00	2,000.00	3.59	4.89	8.48	2,120.00	7.00	5.00	12.00	3,000.00	5.50	3.00	8.50	2,125.00
22	12" PVC SDR 26, STORM SEWER PIPE	440	LF	18.58	14.42	33.00	14,520.00	14.36	17.58	31.94	14,053.60	10.00	15.00	25.00	11,000.00	22.00	15.00	37.00	16,280.00
23	12" RCP CLASS IV, STORM SEWER PIPE	210	LF	42.54	17.46	60.00	12,600.00	14.36	21.57	35.93	7,545.30	10.00	15.00	25.00	5,250.00	40.00	17.00	57.00	11,970.00
24	15" PVC SDR 26, STORM SEWER PIPE	510	LF	23.53	21.47	45.00	22,950.00	14.84	42.18	57.02	29,080.20	10.00	19.00	29.00	14,790.00	40.00	20.00	60.00	30,600.00
25	15" RCP CLASS IV, STORM SEWER PIPE	170	LF	39.59	21.91	61.50	10,455.00	14.36	38.54	52.90	8,993.00	10.00	19.00	29.00	4,930.00	45.00	23.00	68.00	11,560.00
26	18" RCP CLASS IV, STORM SEWER PIPE	140	LF	35.06	30.44	65.50	9,170.00	15.31	22.83	38.14	5,339.60	24.00	25.00	49.00	6,860.00	40.00	29.00	69.00	9,660.00
27	21" RCP CLASS IV, STORM SEWER PIPE	160	LF	39.33	28.17	67.50	10,800.00	16.41	51.18	67.59	10,814.40	32.00	33.00	65.00	10,400.00	43.00	27.00	70.00	11,200.00
28	24" RCP CLASS IV, STORM SEWER PIPE	120	LF	48.87	49.63	98.50	11,820.00	16.41	96.31	112.72	13,526.40	32.00	36.00	68.00	8,160.00	50.00	36.00	86.00	10,320.00
29	27" RCP CLASS IV, STORM SEWER PIPE	190	LF	67.28	32.22	99.50	18,905.00	16.41	44.56	60.97	11,584.30	33.00	39.00	72.00	13,680.00	45.00	35.00	80.00	15,200.00
30	36" RCP CLASS IV, STORM SEWER PIPE	320	LF	81.62	98.88	180.50	57,760.00	17.67	144.04	161.71	51,747.20	35.00	47.00	82.00	26,240.00	58.00	77.00	135.00	43,200.00

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BID TABULATION

ITEM NO.	DESCRIPTION	QTY	UNIT	Terrace				Mr. Excavator				Trax				DiGioia-Suburban			
				UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST
				LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL		
31	48" RCP CLASS IV, STORM SEWER PIPE	530	LF	93.93	129.57	223.50	118,455.00	19.14	190.87	210.01	111,305.30	41.00	66.00	107.00	56,710.00	54.00	86.00	140.00	74,200.00
32	CATCH BASIN, NO 2-2B	8	EA	624.65	376.35	1,001.00	8,008.00	957.02	377.68	1,334.70	10,677.60	325.00	555.00	880.00	7,040.00	550.00	400.00	950.00	7,600.00
33	CATCH BASIN, NO 2-3	2	EA	726.20	588.80	1,315.00	2,630.00	957.02	946.67	1,903.69	3,807.38	410.00	986.00	1,396.00	2,792.00	750.00	600.00	1,350.00	2,700.00
34	SINGLE ROLLED CURB INLET BASIN	16	EA	719.09	1,029.41	1,748.50	27,976.00	957.02	1,327.71	2,284.73	36,555.68	511.00	839.00	1,350.00	21,600.00	750.00	750.00	1,500.00	24,000.00
35	DOUBLE ROLLED CURB INLET BASIN	2	EA	881.14	1,825.86	2,707.00	5,414.00	1,435.53	2,589.59	4,025.12	8,050.24	710.00	1,339.00	2,049.00	4,098.00	800.00	1,600.00	2,400.00	4,800.00
36	STORM MANHOLE, TYPE A	4	EA	1,194.15	1,074.85	2,269.00	9,076.00	1,148.42	1,371.23	2,519.65	10,078.60	1,700.00	1,710.00	3,410.00	13,640.00	1,000.00	900.00	1,900.00	7,600.00
37	STORM MANHOLE, TYPE B	3	EA	1,388.15	2,028.85	3,417.00	10,251.00	1,435.53	2,424.25	3,859.78	11,579.34	2,108.00	2,855.00	4,963.00	14,889.00	1,700.00	1,900.00	3,600.00	10,800.00
38	ODOT STORM MANHOLE NO. 3	5	EA	1,497.53	2,568.47	4,066.00	20,330.00	1,914.04	2,882.94	4,796.98	23,984.90	2,928.00	3,619.00	6,547.00	32,735.00	2,000.00	2,400.00	4,400.00	22,000.00
39	SANITARY MANHOLE ADJUST TO GRADE	10	EA	195.00	65.00	260.00	2,600.00	402.54	446.55	849.09	8,490.90	300.00	125.00	425.00	4,250.00	200.00	50.00	250.00	2,500.00
40	SANITARY MANHOLE, TYPE A	2	EA	1,180.15	1,196.85	2,377.00	4,754.00	957.02	1,274.37	2,231.39	4,462.78	1,500.00	1,511.00	3,011.00	6,022.00	1,000.00	900.00	1,900.00	3,800.00
41	OUTLET STRUCTURE	1	EA	3,794.53	7,844.97	11,639.50	11,639.50	1,435.53	15,338.91	16,774.44	16,774.44	3,450.00	7,301.00	10,751.00	10,751.00	6,000.00	7,000.00	13,000.00	13,000.00
42	6" HYDRANT EXTENDED AND ADJUSTED TO GRADE	4	EA	566.20	152.80	719.00	2,876.00	402.54	295.00	697.54	2,790.16	200.00	300.00	500.00	2,000.00	400.00	200.00	600.00	2,400.00
43	6" HYDRANT REMOVED AND REPLACED	2	EA	1,346.47	2,678.03	4,024.50	8,049.00	402.54	2,650.68	3,053.22	6,106.44	2,000.00	3,011.00	5,011.00	10,022.00	1,200.00	3,000.00	4,200.00	8,400.00
44	REMOVE & REPLACE WATER SERVICE VALVE BOXES	11	EA	171.00	35.00	206.00	2,266.00	241.52	80.37	321.89	3,540.79	15.00	50.00	65.00	715.00	175.00	50.00	225.00	2,475.00
45	4" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS	125	LF	38.88	21.12	60.00	7,500.00	16.41	24.23	40.64	5,080.00	30.00	31.00	61.00	7,625.00	17.00	13.00	30.00	3,750.00
46	MISCELLANEOUS METALS	500	LBS		1.00	1.00	500.00	0.25	0.88	1.13	565.00	0.50	1.50	2.00	1,000.00	-	1.30	1.30	650.00
47	RESTORATION	8,000	SY	3.00	6.00	9.00	72,000.00	2.31	1.40	3.71	29,680.00	2.00	2.00	4.00	32,000.00	5.00	2.00	7.00	56,000.00
48	TRENCHING & BACKFILL FOR UNDERGROUND UTILITIES	1,800	LF	5.60	0.40	6.00	10,800.00	3.11	2.73	5.84	10,512.00	3.00	2.00	5.00	9,000.00	1.50	0.50	2.00	3,600.00
49	CITY OF CLEVELAND WATER DEPARTMENT FEES	1	LS				\$ 605.00				\$ 605.00				\$ 605.00				\$ 605.00
50	MISCELLANEOUS UTILITIES, AS DIRECTED	1	LS				\$ 25,000.00				\$ 25,000.00				\$ 25,000.00				\$ 25,000.00
TOTAL CONTRACT BID PRICE - ITEMS 1 THROUGH 50:							\$ 1,213,084.00				\$ 1,185,337.42				\$ 1,018,198.00				\$ 1,111,160.00
UNDERGROUND DETENTION BASIN ALTERNATES:																			
A	PRECAST CONCRETE (STORMTRAP)	1	LS	\$ 143,679.70	\$ 181,677.30	\$ 325,357.00	\$ 325,357.00	\$ 86,275.74	\$ 225,429.44	\$ 311,705.18	\$ 311,705.18			\$ -	\$ 490,925.00	\$ 70,000.00	\$ 200,000.00	\$ 270,000.00	\$ 270,000.00
B	CMP (CONTECH)	1	LS	\$ 160,223.85	\$ 174,490.15	\$ 334,714.00	\$ 334,714.00	\$ 129,650.56	\$ 284,938.78	\$ 414,589.34	\$ 414,589.34			\$ -	\$ 474,112.00	\$ 100,000.00	\$ 227,000.00	\$ 327,000.00	\$ 327,000.00
C	CAST-IN-PLACE CONCRETE (ECS)	1	LS	\$ 50,770.35	\$ 306,158.65	\$ 356,929.00	\$ 356,929.00	\$ 174,102.14	\$ 183,933.70	\$ 358,035.84	\$ 358,035.84			\$ -	\$ 518,909.00	\$ 148,000.00	\$ 180,000.00	\$ 328,000.00	\$ 328,000.00
	DEDUCT FOR NONPERFORMING ITEM 41 ABOVE	1					\$ (11,639.50)	\$ (12,574.22)	\$ -	\$ (12,574.22)	\$ (12,574.22)				\$ (10,751.00)	\$ (6,000.00)	\$ (7,000.00)	\$ (13,000.00)	\$ (13,000.00)
	TOTAL ALTERNATE C CAST-IN-PLACE CONCRETE (ECS)	1	LS			\$ -	\$ 345,289.50			\$ -	\$ 345,461.62			\$ -	\$ 508,158.00	\$ 142,000.00	\$ 173,000.00	\$ 315,000.00	\$ 315,000.00

TOTAL + A	\$ 1,538,441.00	\$ 1,497,042.60	\$ 1,509,123.00	\$ 1,381,160.00
TOTAL + B	\$ 1,547,798.00	\$ 1,599,926.76	\$ 1,492,310.00	\$ 1,438,160.00
TOTAL + C	\$ 1,558,373.50	\$ 1,530,799.04	\$ 1,526,356.00	\$ 1,426,160.00

**CITY OF SOLON
PEPPERWOOD ESTATES STORM SEWER REPLACEMENT, PHASE 1, CONTRACT 2007.31
BID TABULATION**

ITEM NO.	DESCRIPTION	QTY	UNIT	Mark Haynes				Camino				Fechko Excavating				Liberta (dba Cioffi)			
				UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST
				LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL		
1	CLEARING AND GRUBBING	1	LS	\$ 18,000.00	\$ -	\$ 18,000.00	\$ 18,000.00	\$ 20,000.00	\$ -	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ -	\$ 20,000.00	\$ 20,000.00	\$ 6,200.00	\$ -	\$ 6,200.00	\$ 6,200.00
2	REMOVE EXISTING PIPE OUTSIDE LIMITS OF NEW STORM SEWER	285	LF	15.00	-	15.00	4,275.00	10.00	10.00	20.00	5,700.00	1.00	4.00	5.00	1,425.00	15.00	15.00	30.00	8,550.00
3	REMOVE AND REPLACE 8" THICK CONCRETE PAVEMENT W/ROLLED CURB, CLASS "MS"	6,500	SY	65.00	22.00	87.00	565,500.00	25.00	34.00	59.00	383,500.00	10.00	45.00	55.00	357,500.00	25.00	30.00	55.00	357,500.00
4	REMOVE AND REPLACE UNSUITABLE SUBBASE MATERIALS, AS DIRECTED	500	CY	12.00	28.00	40.00	20,000.00	9.00	29.00	38.00	19,000.00	11.00	30.00	41.00	20,500.00	3.00	23.00	26.00	13,000.00
5	CEMENT STABILIZED SUBGRADE	330	TON	45.00	85.00	130.00	42,900.00	8.00	90.00	98.00	32,340.00	8.00	100.00	108.00	35,640.00	28.00	80.00	108.00	35,640.00
5A	STABILIZATION IN PLACE	6,500	SY	4.50	-	4.50	29,250.00	5.50	-	5.50	35,750.00	1.25	2.50	3.75	24,375.00	2.00	1.45	3.45	22,425.00
6	PROOF ROLLING	4	HR	85.00	-	85.00	340.00	100.00	-	100.00	400.00	100.00	-	100.00	400.00	10.00	-	10.00	40.00
7	CONTRACTOR DESIGNED CHEMICALLY STABILIZED SUBGRADE, USE ODOT CMS 2008 & SUPPLEMENT 1120	1	LS	1,000.00	3,500.00	4,500.00	4,500.00	3,500.00	-	3,500.00	3,500.00	5,000.30		5,000.30	5,000.30	2,910.00	-	2,910.00	2,910.00
8	6" UNDERDRAIN (W/O FABRIC WRAP)	4,000	LF	9.00	3.00	12.00	48,000.00	2.50	3.75	6.25	25,000.00	3.00	4.00	7.00	28,000.00	5.00	3.00	8.00	32,000.00
9	MONUMENT ASSEMBLY	9	EA	800.00	500.00	1,300.00	11,700.00	200.00	200.00	400.00	3,600.00	150.00	150.00	300.00	2,700.00	100.00	100.00	200.00	1,800.00
10	REMOVE AND REPLACE 6" CONCRETE DRIVE APRON, CLASS "MS"	7,700	SF	9.00	2.50	11.50	88,550.00	3.00	2.25	5.25	40,425.00	2.00	3.00	5.00	38,500.00	2.50	2.00	4.50	34,650.00
11	REMOVE AND REPLACE ASPHALT DRIVE APRON	330	SF	16.00	3.00	19.00	6,270.00	3.00	2.25	5.25	1,732.50	2.00	2.00	4.00	1,320.00	2.50	2.00	4.50	1,485.00
12	ODOT ITEM 203, EXCAVATION	250	CY	8.00	-	8.00	2,000.00	10.00	-	10.00	2,500.00	9.00	-	9.00	2,250.00	5.00	-	5.00	1,250.00
13	ODOT ITEM 203, EMBANKMENT	250	CY	15.00	-	15.00	3,750.00	10.00	-	10.00	2,500.00	4.00	-	4.00	1,000.00	5.00	-	5.00	1,250.00
14	CONCRETE HEADWALL	1	EA	6,000.00	3,000.00	9,000.00	9,000.00	2,000.00	4,000.00	6,000.00	6,000.00	2,500.00	4,000.00	6,500.00	6,500.00	800.00	2,400.00	3,200.00	3,200.00
15	ROCK CHANNEL PROTECTION, TYPE B	65	CY	65.00	38.00	103.00	6,695.00	50.00	100.00	150.00	9,750.00	12.00	40.00	52.00	3,380.00	24.00	176.00	200.00	13,000.00
16	8" PVC STORM SEWER SHORT LATERALS INCLUDING TEST TEE	12	EA	1,250.00	380.00	1,630.00	19,560.00	400.00	450.00	850.00	10,200.00	400.00	1,200.00	1,600.00	19,200.00	2,300.00	3,250.00	5,550.00	66,600.00
17	8" PVC STORM SEWER LONG LATERALS INCLUDING TEST TEE	13	EA	1,650.00	560.00	2,210.00	28,730.00	1,400.00	1,850.00	3,250.00	42,250.00	400.00	1,400.00	1,800.00	23,400.00	1,200.00	800.00	2,000.00	26,000.00
18	6" PVC SANITARY SEWER SHORT LATERALS INCLUDING TEST TEE	2	EA	1,400.00	400.00	1,800.00	3,600.00	250.00	200.00	450.00	900.00	500.00	1,200.00	1,700.00	3,400.00	50.00	250.00	300.00	600.00
19	6" PVC SANITARY LATERAL REPAIR OR RECONSTRUCTION INCLUDING TEST TEE	250	LF	30.00	12.00	42.00	10,500.00	15.00	10.00	25.00	6,250.00	8.00	45.00	53.00	13,250.00	10.00	5.00	15.00	3,750.00
20	8" PVC SANITARY SEWER	130	LF	35.00	15.00	50.00	6,500.00	17.00	14.00	31.00	4,030.00	7.00	47.00	54.00	7,020.00	23.00	30.00	53.00	6,890.00
21	FRENCH DRAIN	250	LF	29.00	15.00	44.00	11,000.00	6.00	6.00	12.00	3,000.00	2.00	4.00	6.00	1,500.00	4.00	12.00	16.00	4,000.00
22	12" PVC SDR 26, STORM SEWER PIPE	440	LF	32.00	18.00	50.00	22,000.00	21.00	18.75	39.75	17,490.00	10.00	35.00	45.00	19,800.00	20.00	15.00	35.00	15,400.00
23	12" RCP CLASS IV, STORM SEWER PIPE	210	LF	36.00	18.00	54.00	11,340.00	18.00	25.00	43.00	9,030.00	10.00	45.00	55.00	11,550.00	25.00	25.00	50.00	10,500.00
24	15" PVC SDR 26, STORM SEWER PIPE	510	LF	35.00	22.00	57.00	29,070.00	19.00	30.00	49.00	24,990.00	10.00	52.00	62.00	31,620.00	24.00	43.00	67.00	34,170.00
25	15" RCP CLASS IV, STORM SEWER PIPE	170	LF	39.00	22.00	61.00	10,370.00	20.00	28.25	48.25	8,202.50	10.00	50.00	60.00	10,200.00	25.00	45.00	70.00	11,900.00
26	18" RCP CLASS IV, STORM SEWER PIPE	140	LF	42.00	26.00	68.00	9,520.00	25.00	30.00	55.00	7,700.00	10.00	55.00	65.00	9,100.00	30.00	58.00	88.00	12,320.00
27	21" RCP CLASS IV, STORM SEWER PIPE	160	LF	48.00	32.00	80.00	12,800.00	26.00	32.00	58.00	9,280.00	13.00	57.00	70.00	11,200.00	30.00	61.00	91.00	14,560.00
28	24" RCP CLASS IV, STORM SEWER PIPE	120	LF	52.00	36.00	88.00	10,560.00	28.00	57.00	85.00	10,200.00	15.00	65.00	80.00	9,600.00	32.00	100.00	132.00	15,840.00
29	27" RCP CLASS IV, STORM SEWER PIPE	190	LF	58.00	47.00	105.00	19,950.00	26.00	40.00	66.00	12,540.00	15.00	75.00	90.00	17,100.00	32.00	46.00	78.00	14,820.00
30	36" RCP CLASS IV, STORM SEWER PIPE	320	LF	68.00	67.00	135.00	43,200.00	70.00	105.00	175.00	56,000.00	60.00	120.00	180.00	57,600.00	60.00	134.00	194.00	62,080.00

CITY OF SOLON
PEPPERWOOD ESTATES STORM SEWER REPLACEMENT, PHASE 1, CONTRACT 2007.31
BID TABULATION

ITEM NO.	DESCRIPTION	QTY	UNIT	Mark Haynes				Camino				Fechko Excavating				Liberta (dba Cioffi)						
				UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST			
				LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL					
31	48" RCP CLASS IV, STORM SEWER PIPE	530	LF	78.00	85.00	163.00	86,390.00	70.00	112.00	182.00	96,460.00	80.00	130.00	210.00	111,300.00	60.00	180.00	240.00	127,200.00			
32	CATCH BASIN, NO 2-2B	8	EA	1,000.00	400.00	1,400.00	11,200.00	350.00	500.00	850.00	6,800.00	200.00	600.00	800.00	6,400.00	150.00	550.00	700.00	5,600.00			
33	CATCH BASIN, NO 2-3	2	EA	1,200.00	600.00	1,800.00	3,600.00	500.00	1,000.00	1,500.00	3,000.00	200.00	900.00	1,100.00	2,200.00	350.00	850.00	1,200.00	2,400.00			
34	SINGLE ROLLED CURB INLET BASIN	16	EA	1,200.00	800.00	2,000.00	32,000.00	500.00	1,050.00	1,550.00	24,800.00	120.00	700.00	820.00	13,120.00	350.00	850.00	1,200.00	19,200.00			
35	DOUBLE ROLLED CURB INLET BASIN	2	EA	1,600.00	1,100.00	2,700.00	5,400.00	800.00	1,750.00	2,550.00	5,100.00	300.00	1,200.00	1,500.00	3,000.00	700.00	1,650.00	2,350.00	4,700.00			
36	STORM MANHOLE, TYPE A	4	EA	1,500.00	700.00	2,200.00	8,800.00	700.00	1,700.00	2,400.00	9,600.00	200.00	1,600.00	1,800.00	7,200.00	1,000.00	1,000.00	2,000.00	8,000.00			
37	STORM MANHOLE, TYPE B	3	EA	1,700.00	1,900.00	3,600.00	10,800.00	900.00	2,825.00	3,725.00	11,175.00	300.00	1,600.00	1,900.00	5,700.00	1,000.00	2,100.00	3,100.00	9,300.00			
38	ODOT STORM MANHOLE NO. 3	5	EA	3,200.00	2,500.00	5,700.00	28,500.00	1,350.00	3,450.00	4,800.00	24,000.00	300.00	1,700.00	2,000.00	10,000.00	1,000.00	2,700.00	3,700.00	18,500.00			
39	SANITARY MANHOLE ADJUST TO GRADE	10	EA	1,100.00	350.00	1,450.00	14,500.00	150.00	50.00	200.00	2,000.00	50.00	200.00	250.00	2,500.00	100.00	150.00	250.00	2,500.00			
40	SANITARY MANHOLE, TYPE A	2	EA	2,100.00	900.00	3,000.00	6,000.00	1,200.00	1,300.00	2,500.00	5,000.00	250.00	1,000.00	1,250.00	2,500.00	600.00	1,400.00	2,000.00	4,000.00			
41	OUTLET STRUCTURE	1	EA	8,000.00	8,000.00	16,000.00	16,000.00	2,000.00	6,500.00	8,500.00	8,500.00	1,000.00	6,000.00	7,000.00	7,000.00	2,300.00	7,500.00	9,800.00	9,800.00			
42	6" HYDRANT EXTENDED AND ADJUSTED TO GRADE	4	EA	1,400.00	450.00	1,850.00	7,400.00	400.00	100.00	500.00	2,000.00	300.00	700.00	1,000.00	4,000.00	700.00	600.00	1,300.00	5,200.00			
43	6" HYDRANT REMOVED AND REPLACED	2	EA	4,500.00	5,500.00	10,000.00	20,000.00	2,000.00	1,000.00	3,000.00	6,000.00	500.00	2,000.00	2,500.00	5,000.00	700.00	2,300.00	3,000.00	6,000.00			
44	REMOVE & REPLACE WATER SERVICE VALVE BOXES	11	EA	650.00	250.00	900.00	9,900.00	50.00	50.00	100.00	1,100.00	70.00	150.00	220.00	2,420.00	10.00	40.00	50.00	550.00			
45	4" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS	125	LF	62.00	35.00	97.00	12,125.00	30.00	30.00	60.00	7,500.00	15.00	45.00	60.00	7,500.00	39.00	28.00	67.00	8,375.00			
46	MISCELLANEOUS METALS	500	LBS	10.00	10.00	20.00	10,000.00	1.00	1.00	2.00	1,000.00	0.65	3.00	3.65	1,825.00	0.05	1.00	1.05	525.00			
47	RESTORATION	8,000	SY	2.00	2.30	4.30	34,400.00	2.25	2.00	4.25	34,000.00	1.00	3.00	4.00	32,000.00	2.00	1.00	3.00	24,000.00			
48	TRENCHING & BACKFILL FOR UNDERGROUND UTILITIES	1,800	LF	11.00	2.00	13.00	23,400.00	3.00	1.00	4.00	7,200.00	1.00	1.00	2.00	3,600.00	2.75	1.25	4.00	7,200.00			
49	CITY OF CLEVELAND WATER DEPARTMENT FEES	1	LS				\$ 605.00				\$ 605.00				\$ 605.00				\$ 605.00			
50	MISCELLANEOUS UTILITIES, AS DIRECTED	1	LS				\$ 25,000.00				\$ 25,000.00				\$ 25,000.00				\$ 25,000.00			
TOTAL CONTRACT BID PRICE - ITEMS 1 THROUGH 50:							\$ 1,475,450.00					\$ 1,094,600.00					\$ 1,046,900.30					\$ 1,122,985.00
UNDERGROUND DETENTION BASIN ALTERNATES:																						
A	PRECAST CONCRETE (STORMTRAP)	1	LS	\$ 115,000.00	\$ 160,000.00	\$ 275,000.00	\$ 275,000.00	\$ 80,000.00	\$ 230,000.00	\$ 310,000.00	\$ 310,000.00	\$ 98,470.25	\$ 200,000.00	\$ 298,470.25	\$ 298,470.25	\$ 153,000.00	\$ 230,000.00	\$ 383,000.00	\$ 383,000.00			
B	CMP (CONTECH)	1	LS	\$ 112,000.00	\$ 160,000.00	\$ 272,000.00	\$ 272,000.00	\$ 101,000.00	\$ 244,000.00	\$ 345,000.00	\$ 345,000.00	\$ 100,000.00	\$ 158,537.36	\$ 258,537.36	\$ 258,537.36	\$ 153,000.00	\$ 200,000.00	\$ 353,000.00	\$ 353,000.00			
C	CAST-IN-PLACE CONCRETE (ECS)	1	LS	\$ 170,000.00	\$ 105,000.00	\$ 275,000.00	\$ 275,000.00	\$ 200,000.00	\$ 158,000.00	\$ 358,000.00	\$ 358,000.00	117020.43	200000	\$ 317,020.43	\$ 317,020.43	\$ 153,000.00	\$ 290,000.00	\$ 443,000.00	\$ 443,000.00			
	DEDUCT FOR NONPERFORMING ITEM 41 ABOVE	1					\$ (8,000.00)	\$ (2,000.00)	\$ (6,000.00)	\$ (8,000.00)	\$ (8,000.00)			\$ (7,000.00)	\$ (7,000.00)			\$ (9,800.00)	\$ (9,800.00)			
	TOTAL ALTERNATE C CAST-IN-PLACE CONCRETE (ECS)	1	LS			\$ -	\$ 267,000.00	\$ 198,000.00	\$ 152,000.00	\$ 350,000.00	\$ 350,000.00	\$ 110,020.43	\$ 200,000.00	\$ 310,020.43	\$ 310,020.43	\$ 153,000.00	\$ 290,000.00	\$ 433,200.00	\$ 433,200.00			

TOTAL + A	\$ 1,750,450.00	\$ 1,404,600.00	\$ 1,345,370.55	\$ 1,505,985.00
TOTAL + B	\$ 1,747,450.00	\$ 1,439,600.00	\$ 1,305,437.66	\$ 1,475,985.00
TOTAL + C	\$ 1,742,450.00	\$ 1,444,600.00	\$ 1,356,920.73	\$ 1,556,185.00

CITY OF SOLON
PEPPERWOOD ESTATES STORM SEWER REPLACEMENT, PHASE 1, CONTRACT 2007.31
BID TABULATION

ITEM NO.	DESCRIPTION	QTY	UNIT	DDD Enterprises				Great Lakes Crushing				Fabrizi				KMU Excavating			
				UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST
				LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL		
1	CLEARING AND GRUBBING	1	LS			\$ 45,000.00	\$ 45,000.00	\$ 25,800.00	\$ -	\$ 25,800.00	\$ 25,800.00	\$ 20,000.00	\$ 4,750.00	\$ 24,750.00	\$ 24,750.00			\$ 26,700.00	\$ 26,700.00
2	REMOVE EXISTING PIPE OUTSIDE LIMITS OF NEW STORM SEWER	285	LF	15.00	-	15.00	4,275.00	25.00	20.00	45.00	12,825.00	12.00	3.00	15.00	4,275.00	6.00	9.00	15.00	4,275.00
3	REMOVE AND REPLACE 8" THICK CONCRETE PAVEMENT W/ROLLED CURB, CLASS "MS"	6,500	SY	31.50	30.00	61.50	399,750.00	40.00	14.00	54.00	351,000.00	25.00	24.50	49.50	321,750.00	36.00	26.50	62.50	406,250.00
4	REMOVE AND REPLACE UNSUITABLE SUBBASE MATERIALS, AS DIRECTED	500	CY	20.00	30.00	50.00	25,000.00	5.00	7.00	12.00	6,000.00	14.00	28.00	42.00	21,000.00	12.00	28.00	40.00	20,000.00
5	CEMENT STABILIZED SUBGRADE	330	TON	30.00	74.00	104.00	34,320.00	-	-	116.00	38,280.00	-	118.00	118.00	38,940.00	-	94.00	94.00	31,020.00
5A	STABILIZATION IN PLACE	6,500	SY	3.00	3.00	6.00	39,000.00	5.70	-	5.70	37,050.00	3.75	-	3.75	24,375.00	4.50	-	4.50	29,250.00
6	PROOF ROLLING	4	HR	100.00	-	100.00	400.00	85.00	-	85.00	340.00	100.00	-	100.00	400.00	75.00	-	75.00	300.00
7	CONTRACTOR DESIGNED CHEMICALLY STABILIZED SUBGRADE, USE ODOT CMS 2008 & SUPPLEMENT 1120	1	LS			4,000.00	4,000.00	5,800.00	-	5,800.00	5,800.00	3,200.00	-	3,200.00	3,200.00			3,500.00	3,500.00
8	6" UNDERDRAIN (W/O FABRIC WRAP)	4,000	LF	4.00	4.00	8.00	32,000.00	2.25	4.00	6.25	25,000.00	3.50	3.50	7.00	28,000.00	3.00	5.00	8.00	32,000.00
9	MONUMENT ASSEMBLY	9	EA	200.00	100.00	300.00	2,700.00	50.00	200.00	250.00	2,250.00	150.00	150.00	300.00	2,700.00	300.00	250.00	550.00	4,950.00
10	REMOVE AND REPLACE 6" CONCRETE DRIVE APRON, CLASS "MS"	7,700	SF	3.00	3.25	6.25	48,125.00	2.00	4.00	6.00	46,200.00	3.30	1.60	4.90	37,730.00	2.00	3.50	5.50	42,350.00
11	REMOVE AND REPLACE ASPHALT DRIVE APRON	330	SF	3.00	2.00	5.00	1,650.00	1.25	3.00	4.25	1,402.50	1.25	2.25	3.50	1,155.00	3.00	4.00	7.00	2,310.00
12	ODOT ITEM 203, EXCAVATION	250	CY	15.00	-	15.00	3,750.00	15.00	-	15.00	3,750.00	15.00	-	15.00	3,750.00	9.00	-	9.00	2,250.00
13	ODOT ITEM 203, EMBANKMENT	250	CY	15.00	20.00	35.00	8,750.00	17.00	-	17.00	4,250.00	12.00	-	12.00	3,000.00	3.00	-	3.00	750.00
14	CONCRETE HEADWALL	1	EA	3,000.00	3,000.00	6,000.00	6,000.00	2,000.00	3,000.00	5,000.00	5,000.00	1,500.00	2,500.00	4,000.00	4,000.00	3,200.00	2,300.00	5,500.00	5,500.00
15	ROCK CHANNEL PROTECTION, TYPE B	65	CY	10.00	70.00	80.00	5,200.00	9.00	40.00	49.00	3,185.00	35.00	45.00	80.00	5,200.00	18.00	180.00	198.00	12,870.00
16	8" PVC STORM SEWER SHORT LATERALS INCLUDING TEST TEE	12	EA	500.00	250.00	750.00	9,000.00	1,200.00	400.00	1,600.00	19,200.00	410.00	400.00	810.00	9,720.00	200.00	100.00	300.00	3,600.00
17	8" PVC STORM SEWER LONG LATERALS INCLUDING TEST TEE	13	EA	2,000.00	1,000.00	3,000.00	39,000.00	2,100.00	1,600.00	3,700.00	48,100.00	1,400.00	1,560.00	2,960.00	38,480.00	600.00	300.00	900.00	11,700.00
18	6" PVC SANITARY SEWER SHORT LATERALS INCLUDING TEST TEE	2	EA	700.00	300.00	1,000.00	2,000.00	1,200.00	300.00	1,500.00	3,000.00	500.00	225.00	725.00	1,450.00	700.00	200.00	900.00	1,800.00
19	6" PVC SANITARY LATERAL REPAIR OR RECONSTRUCTION INCLUDING TEST TEE	250	LF	25.00	35.00	60.00	15,000.00	34.00	14.00	48.00	12,000.00	30.00	30.00	60.00	15,000.00	16.00	24.00	40.00	10,000.00
20	8" PVC SANITARY SEWER	130	LF	40.00	30.00	70.00	9,100.00	30.00	10.00	40.00	5,200.00	24.00	15.00	39.00	5,070.00	16.00	26.00	42.00	5,460.00
21	FRENCH DRAIN	250	LF	4.50	4.50	9.00	2,250.00	9.00	6.00	15.00	3,750.00	10.00	10.00	20.00	5,000.00	5.00	5.00	10.00	2,500.00
22	12" PVC SDR 26, STORM SEWER PIPE	440	LF	25.00	18.00	43.00	18,920.00	25.00	15.00	40.00	17,600.00	15.00	17.00	32.00	14,080.00	19.00	18.00	37.00	16,280.00
23	12" RCP CLASS IV, STORM SEWER PIPE	210	LF	27.00	18.00	45.00	9,450.00	64.00	30.00	94.00	19,740.00	42.00	25.00	67.00	14,070.00	19.00	17.00	36.00	7,560.00
24	15" PVC SDR 26, STORM SEWER PIPE	510	LF	23.00	20.00	43.00	21,930.00	34.00	30.00	64.00	32,640.00	15.00	27.00	42.00	21,420.00	20.00	22.00	42.00	21,420.00
25	15" RCP CLASS IV, STORM SEWER PIPE	170	LF	30.00	28.00	58.00	9,860.00	44.00	35.00	79.00	13,430.00	28.00	29.00	57.00	9,690.00	20.00	20.00	40.00	6,800.00
26	18" RCP CLASS IV, STORM SEWER PIPE	140	LF	32.00	23.00	55.00	7,700.00	52.00	40.00	92.00	12,880.00	36.00	36.00	72.00	10,080.00	24.00	30.00	54.00	7,560.00
27	21" RCP CLASS IV, STORM SEWER PIPE	160	LF	32.00	28.00	60.00	9,600.00	62.00	40.00	102.00	16,320.00	38.00	42.00	80.00	12,800.00	32.00	32.00	64.00	10,240.00
28	24" RCP CLASS IV, STORM SEWER PIPE	120	LF	35.00	32.00	67.00	8,040.00	62.00	50.00	112.00	13,440.00	50.00	50.00	100.00	12,000.00	35.00	35.00	70.00	8,400.00
29	27" RCP CLASS IV, STORM SEWER PIPE	190	LF	34.00	31.00	65.00	12,350.00	50.00	40.00	90.00	17,100.00	45.00	39.00	84.00	15,960.00	40.00	36.00	76.00	14,440.00
30	36" RCP CLASS IV, STORM SEWER PIPE	320	LF	55.00	65.00	120.00	38,400.00	85.00	100.00	185.00	59,200.00	92.00	97.00	189.00	60,480.00	70.00	60.00	130.00	41,600.00

**CITY OF SOLON
PEPPERWOOD ESTATES STORM SEWER REPLACEMENT, PHASE 1, CONTRACT 2007.31
BID TABULATION**

ITEM NO.	DESCRIPTION	QTY	UNIT	DDD Enterprises				Great Lakes Crushing				Fabrizi				KMU Excavating			
				UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST
				LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL			LABOR	MATERIAL		
31	48" RCP CLASS IV, STORM SEWER PIPE	530	LF	57.00	78.00	135.00	71,550.00	138.00	110.00	248.00	131,440.00	122.00	126.00	248.00	131,440.00	80.00	100.00	180.00	95,400.00
32	CATCH BASIN, NO 2-2B	8	EA	475.00	400.00	875.00	7,000.00	500.00	600.00	1,100.00	8,800.00	400.00	350.00	750.00	6,000.00	400.00	600.00	1,000.00	8,000.00
33	CATCH BASIN, NO 2-3	2	EA	600.00	600.00	1,200.00	2,400.00	680.00	700.00	1,380.00	2,760.00	400.00	680.00	1,080.00	2,160.00	500.00	1,000.00	1,500.00	3,000.00
34	SINGLE ROLLED CURB INLET BASIN	16	EA	550.00	450.00	1,000.00	16,000.00	600.00	1,000.00	1,600.00	25,600.00	750.00	890.00	1,640.00	26,240.00	400.00	850.00	1,250.00	20,000.00
35	DOUBLE ROLLED CURB INLET BASIN	2	EA	600.00	750.00	1,350.00	2,700.00	800.00	1,800.00	2,600.00	5,200.00	1,200.00	1,490.00	2,690.00	5,380.00	600.00	1,700.00	2,300.00	4,600.00
36	STORM MANHOLE, TYPE A	4	EA	900.00	1,100.00	2,000.00	8,000.00	1,500.00	1,300.00	2,800.00	11,200.00	1,000.00	865.00	1,865.00	7,460.00	1,000.00	1,000.00	2,000.00	8,000.00
37	STORM MANHOLE, TYPE B	3	EA	1,600.00	1,900.00	3,500.00	10,500.00	1,400.00	1,900.00	3,300.00	9,900.00	1,000.00	1,850.00	2,850.00	8,550.00	1,500.00	2,000.00	3,500.00	10,500.00
38	ODOT STORM MANHOLE NO. 3	5	EA	2,000.00	2,700.00	4,700.00	23,500.00	2,100.00	2,100.00	4,200.00	21,000.00	1,150.00	2,500.00	3,650.00	18,250.00	2,500.00	3,000.00	5,500.00	27,500.00
39	SANITARY MANHOLE ADJUST TO GRADE	10	EA	400.00	100.00	500.00	5,000.00	200.00	200.00	400.00	4,000.00	175.00	50.00	225.00	2,250.00	150.00	100.00	250.00	2,500.00
40	SANITARY MANHOLE, TYPE A	2	EA	1,400.00	1,000.00	2,400.00	4,800.00	1,200.00	1,200.00	2,400.00	4,800.00	1,100.00	1,100.00	2,200.00	4,400.00	1,750.00	1,750.00	3,500.00	7,000.00
41	OUTLET STRUCTURE	1	EA	2,500.00	7,500.00	10,000.00	10,000.00	2,825.00	13,000.00	15,825.00	15,825.00	3,250.00	7,050.00	10,300.00	10,300.00	2,450.00	6,550.00	9,000.00	9,000.00
42	6" HYDRANT EXTENDED AND ADJUSTED TO GRADE	4	EA	750.00	750.00	1,500.00	6,000.00	100.00	400.00	500.00	2,000.00	850.00	500.00	1,350.00	5,400.00	300.00	350.00	650.00	2,600.00
43	6" HYDRANT REMOVED AND REPLACED	2	EA	800.00	3,500.00	4,300.00	8,600.00	1,400.00	2,000.00	3,400.00	6,800.00	1,250.00	2,000.00	3,250.00	6,500.00	1,000.00	1,900.00	2,900.00	5,800.00
44	REMOVE & REPLACE WATER SERVICE VALVE BOXES	11	EA	210.00	40.00	250.00	2,750.00	550.00	100.00	650.00	7,150.00	175.00	50.00	225.00	2,475.00	75.00	125.00	200.00	2,200.00
45	4" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS	125	LF	20.00	26.00	46.00	5,750.00	29.00	25.00	54.00	6,750.00	25.00	24.00	49.00	6,125.00	20.00	20.00	40.00	5,000.00
46	MISCELLANEOUS METALS	500	LBS	0.50	1.00	1.50	750.00	-	3.50	3.50	1,750.00	1.00	1.00	2.00	1,000.00	-	5.00	5.00	2,500.00
47	RESTORATION	8,000	SY	1.75	1.50	3.25	26,000.00	1.00	2.00	3.00	24,000.00	1.00	2.50	3.50	28,000.00	1.00	1.25	2.25	18,000.00
48	TRENCHING & BACKFILL FOR UNDERGROUND UTILITIES	1,800	LF	4.00	3.00	7.00	12,600.00	10.00	4.00	14.00	25,200.00	6.00	-	6.00	10,800.00	6.00	9.00	15.00	27,000.00
49	CITY OF CLEVELAND WATER DEPARTMENT FEES	1	LS				\$ 605.00				\$ 605.00				\$ 605.00				\$ 605.00
50	MISCELLANEOUS UTILITIES, AS DIRECTED	1	LS				\$ 25,000.00				\$ 25,000.00				\$ 25,000.00				\$ 25,000.00
TOTAL CONTRACT BID PRICE - ITEMS 1 THROUGH 50:							\$ 1,122,025.00				\$ 1,201,512.50			\$ 1,077,860.00				\$ 1,077,840.00	
UNDERGROUND DETENTION BASIN ALTERNATES:																			
A	PRECAST CONCRETE (STORMTRAP)	1	LS			\$ 370,000.00	\$ 370,000.00	\$ 115,325.00	\$ 200,000.00	\$ 315,325.00	\$ 315,325.00			\$ -	\$ 336,020.00			\$ -	\$ 287,824.00
B	CMP (CONTECH)	1	LS			\$ 360,000.00	\$ 360,000.00	\$ 106,635.00	\$ 184,000.00	\$ 290,635.00	\$ 290,635.00			\$ -	\$ 389,060.00			\$ -	\$ 320,370.00
C	CAST-IN-PLACE CONCRETE (ECS)	1	LS			\$ 310,000.00	\$ 310,000.00	151046	210000	\$ 361,046.00	\$ 361,046.00			\$ -	\$ 331,310.00			\$ -	\$ 289,000.00
	DEDUCT FOR NONPERFORMING ITEM 41 ABOVE	1				\$ (10,000.00)	\$ (10,000.00)				\$ (15,825.00)				\$ (10,300.00)				\$ (9,000.00)
	TOTAL ALTERNATE C CAST-IN-PLACE CONCRETE (ECS)	1	LS			\$ 300,000.00	\$ 300,000.00			\$ -	\$ 345,221.00			\$ -	\$ 321,010.00			\$ -	\$ 280,000.00

TOTAL + A	\$ 1,492,025.00	\$ 1,516,837.50	\$ 1,413,880.00	\$ 1,365,664.00
TOTAL + B	\$ 1,482,025.00	\$ 1,492,147.50	\$ 1,466,920.00	\$ 1,398,210.00
TOTAL + C	\$ 1,422,025.00	\$ 1,546,733.50	\$ 1,398,870.00	\$ 1,357,840.00

**CITY OF SOLON
PEPPERWOOD ESTATES STORM SEWER REPLACEMENT, PHASE 1, CONTRACT 2007.31
BID TABULATION**

ITEM NO.	DESCRIPTION	QTY	UNIT	Perk Company				Longo Sewer Construction			
				UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST
				LABOR	MATERIAL			LABOR	MATERIAL		
1	CLEARING AND GRUBBING	1	LS	\$ 79,100.00	\$ 15,000.00	\$ 94,100.00	\$ 94,100.00			\$ 28,000.00	\$ 28,000.00
2	REMOVE EXISTING PIPE OUTSIDE LIMITS OF NEW STORM SEWER	285	LF	11.00	4.00	15.00	4,275.00	8.00	2.00	10.00	2,850.00
3	REMOVE AND REPLACE 8" THICK CONCRETE PAVEMENT W/ROLLED CURB, CLASS "MS"	6,500	SY	37.00	25.00	62.00	403,000.00	27.00	27.00	54.00	351,000.00
4	REMOVE AND REPLACE UNSUITABLE SUBBASE MATERIALS, AS DIRECTED	500	CY	24.00	30.00	54.00	27,000.00	10.00	28.00	38.00	19,000.00
5	CEMENT STABILIZED SUBGRADE	330	TON	5.00	103.00	108.00	35,640.00	30.00	66.00	96.00	31,680.00
5A	STABILIZATION IN PLACE	6,500	SY	4.00	0.63	4.63	30,095.00	4.00	1.00	5.00	32,500.00
6	PROOF ROLLING	4	HR	84.00	1.00	85.00	340.00	250.00	-	250.00	1,000.00
7	CONTRACTOR DESIGNED CHEMICALLY STABILIZED SUBGRADE, USE ODOT CMS 2008 & SUPPLEMENT 1120	1	LS	2,800.00	100.00	2,900.00	2,900.00			3,500.00	3,500.00
8	6" UNDERDRAIN (W/O FABRIC WRAP)	4,000	LF	4.35	2.80	7.15	28,600.00	3.00	3.00	6.00	24,000.00
9	MONUMENT ASSEMBLY	9	EA	503.10	350.00	853.10	7,677.90	100.00	200.00	300.00	2,700.00
10	REMOVE AND REPLACE 6" CONCRETE DRIVE APRON, CLASS "MS"	7,700	SF	3.35	2.25	5.60	43,120.00	2.50	2.50	5.00	38,500.00
11	REMOVE AND REPLACE ASPHALT DRIVE APRON	330	SF	8.00	5.00	13.00	4,290.00	2.50	2.50	5.00	1,650.00
12	ODOT ITEM 203, EXCAVATION	250	CY	6.00	2.00	8.00	2,000.00	10.00	-	10.00	2,500.00
13	ODOT ITEM 203, EMBANKMENT	250	CY	2.00	4.00	6.00	1,500.00	10.00	-	10.00	2,500.00
14	CONCRETE HEADWALL	1	EA	2,690.00	2,100.00	4,790.00	4,790.00	4,200.00	2,800.00	7,000.00	7,000.00
15	ROCK CHANNEL PROTECTION, TYPE B	65	CY	18.00	36.00	54.00	3,510.00	40.00	110.00	150.00	9,750.00
16	8" PVC STORM SEWER SHORT LATERALS INCLUDING TEST TEE	12	EA	378.00	312.00	690.00	8,280.00	650.00	500.00	1,150.00	13,800.00
17	8" PVC STORM SEWER LONG LATERALS INCLUDING TEST TEE	13	EA	610.00	400.00	1,010.00	13,130.00	1,636.00	1,700.00	3,336.00	43,368.00
18	6" PVC SANITARY SEWER SHORT LATERALS INCLUDING TEST TEE	2	EA	50.00	350.00	400.00	800.00	650.00	400.00	1,050.00	2,100.00
19	6" PVC SANITARY LATERAL REPAIR OR RECONSTRUCTION INCLUDING TEST TEE	250	LF	10.00	10.00	20.00	5,000.00	25.00	15.00	40.00	10,000.00
20	8" PVC SANITARY SEWER	130	LF	20.30	13.00	33.30	4,329.00	39.00	9.00	48.00	6,240.00
21	FRENCH DRAIN	250	LF	4.50	2.00	6.50	1,625.00	13.60	6.00	19.60	4,900.00
22	12" PVC SDR 26, STORM SEWER PIPE	440	LF	19.40	12.00	31.40	13,816.00	25.53	15.00	40.53	17,833.20
23	12" RCP CLASS IV, STORM SEWER PIPE	210	LF	31.00	20.00	51.00	10,710.00	43.80	22.00	65.80	13,818.00
24	15" PVC SDR 26, STORM SEWER PIPE	510	LF	32.00	20.00	52.00	26,520.00	36.76	32.00	68.76	35,067.60
25	15" RCP CLASS IV, STORM SEWER PIPE	170	LF	35.00	20.00	55.00	9,350.00	64.30	25.00	89.30	15,181.00
26	18" RCP CLASS IV, STORM SEWER PIPE	140	LF	43.00	30.00	73.00	10,220.00	36.00	33.00	69.00	9,660.00
27	21" RCP CLASS IV, STORM SEWER PIPE	160	LF	39.00	28.00	67.00	10,720.00	41.82	39.00	80.82	12,931.20
28	24" RCP CLASS IV, STORM SEWER PIPE	120	LF	40.00	35.00	75.00	9,000.00	49.68	50.88	100.56	12,067.20
29	27" RCP CLASS IV, STORM SEWER PIPE	190	LF	35.00	35.00	70.00	13,300.00	47.57	45.00	92.57	17,588.30
30	36" RCP CLASS IV, STORM SEWER PIPE	320	LF	70.00	90.00	160.00	51,200.00	93.06	120.00	213.06	68,179.20

CITY OF SOLON
PEPPERWOOD ESTATES STORM SEWER REPLACEMENT, PHASE 1, CONTRACT 2007.31
BID TABULATION

ITEM NO.	DESCRIPTION	QTY	UNIT	Perk Company				Longo Sewer Construction			
				UNIT PRICE		TOTAL UNIT COST	TOTAL COST	UNIT PRICE		TOTAL UNIT COST	TOTAL COST
				LABOR	MATERIAL			LABOR	MATERIAL		
31	48" RCP CLASS IV, STORM SEWER PIPE	530	LF	85.00	100.00	185.00	98,050.00	89.16	138.00	227.16	120,394.80
32	CATCH BASIN, NO 2-2B	8	EA	600.00	400.00	1,000.00	8,000.00	500.00	400.00	900.00	7,200.00
33	CATCH BASIN, NO 2-3	2	EA	900.00	500.00	1,400.00	2,800.00	588.00	516.00	1,104.00	2,208.00
34	SINGLE ROLLED CURB INLET BASIN	16	EA	700.00	800.00	1,500.00	24,000.00	849.00	900.00	1,749.00	27,984.00
35	DOUBLE ROLLED CURB INLET BASIN	2	EA	1,100.00	1,900.00	3,000.00	6,000.00	1,729.00	1,885.00	3,614.00	7,228.00
36	STORM MANHOLE, TYPE A	4	EA	750.00	1,200.00	1,950.00	7,800.00	1,131.00	1,000.00	2,131.00	8,524.00
37	STORM MANHOLE, TYPE B	3	EA	2,120.00	2,080.00	4,200.00	12,600.00	1,910.00	1,600.00	3,510.00	10,530.00
38	ODOT STORM MANHOLE NO. 3	5	EA	2,980.00	1,920.00	4,900.00	24,500.00	2,292.00	2,000.00	4,292.00	21,460.00
39	SANITARY MANHOLE ADJUST TO GRADE	10	EA	150.00	125.00	275.00	2,750.00	200.00	50.00	250.00	2,500.00
40	SANITARY MANHOLE, TYPE A	2	EA	1,034.00	1,000.00	2,034.00	4,068.00	900.00	950.00	1,850.00	3,700.00
41	OUTLET STRUCTURE	1	EA	2,500.00	7,000.00	9,500.00	9,500.00	5,800.00	13,000.00	18,800.00	18,800.00
42	6" HYDRANT EXTENDED AND ADJUSTED TO GRADE	4	EA	500.00	600.00	1,100.00	4,400.00	493.00	527.00	1,020.00	4,080.00
43	6" HYDRANT REMOVED AND REPLACED	2	EA	1,000.00	3,000.00	4,000.00	8,000.00	987.00	2,052.00	3,039.00	6,078.00
44	REMOVE & REPLACE WATER SERVICE VALVE BOXES	11	EA	45.00	50.00	95.00	1,045.00	60.00	115.00	175.00	1,925.00
45	4" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS	125	LF	19.40	25.60	45.00	5,625.00	28.00	24.00	52.00	6,500.00
46	MISCELLANEOUS METALS	500	LBS	0.10	1.00	1.10	550.00	1.00	1.00	2.00	1,000.00
47	RESTORATION	8,000	SY	2.00	0.85	2.85	22,800.00	3.00	1.75	4.75	38,000.00
48	TRENCHING & BACKFILL FOR UNDERGROUND UTILITIES	1,800	LF	7.00	4.00	11.00	19,800.00	2.00	2.00	4.00	7,200.00
49	CITY OF CLEVELAND WATER DEPARTMENT FEES	1	LS				\$ 605.00				\$ 605.00
50	MISCELLANEOUS UTILITIES, AS DIRECTED	1	LS				\$ 25,000.00				\$ 25,000.00
TOTAL CONTRACT BID PRICE - ITEMS 1 THROUGH 50:							\$ 1,168,730.90				\$ 1,161,780.50
UNDERGROUND DETENTION BASIN ALTERNATES:											
A	PRECAST CONCRETE (STORMTRAP)	1	LS	\$ 48,173.00	\$ 273,000.00	\$ 321,173.00	\$ 321,173.00			\$ 394,370.00	\$ 394,370.00
B	CMP (CONTECH)	1	LS	\$ 91,870.00	\$ 262,000.00	\$ 353,870.00	\$ 353,870.00			\$ 407,211.00	\$ 407,211.00
C	CAST-IN-PLACE CONCRETE (ECS)	1	LS	\$ 60,764.00	\$ 297,000.00	\$ 357,764.00	\$ 357,764.00			\$ 400,000.00	\$ 400,000.00
	DEDUCT FOR NONPERFORMING ITEM 41 ABOVE	1					\$ (9,500.00)			\$ (18,800.00)	\$ (18,800.00)
	TOTAL ALTERNATE C CAST-IN-PLACE CONCRETE (ECS)	1	LS			\$ -	\$ 348,264.00			\$ 381,200.00	\$ 381,200.00

TOTAL + A	\$ 1,489,903.90	\$ 1,556,150.50
TOTAL + B	\$ 1,522,600.90	\$ 1,568,991.50
TOTAL + C	\$ 1,516,994.90	\$ 1,542,980.50