

BID RESULTS
TUSCARORA TOWNSHIP - WASTEWATER COLLECTION SYSTEM

Date: October 25, 2013 Time: 11:00 AM GFA #11354

DIVISION 1, CLUB ROAD/M-68 SEWER & FORCEMAIN				B & L EXC.		HARBOR SPRINGS EXC.		TRI-COUNTY EXC.		ELMERS		MDC		DUNIGAN BROTHERS	
No	Item	Unit	Est. Qty	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	Mobilization	LS	1	10,000.00	10,000.00		-		-	30,000.00	30,000.00		-	84,700.00	84,700.00
2	Sanitary Sewer, 12", SDR 26	LF	3,090	105.00	324,450.00		-		-	91.50	282,735.00		-	89.10	275,319.00
3	Sanitary Sewer, 8", SDR 26	LF	2,275	80.00	182,000.00		-		-	85.00	193,375.00		-	78.10	177,677.50
4	Manhole, 4' Dia.	EA	20	4,000.00	80,000.00		-		-	2,550.00	51,000.00		-	4,070.00	81,400.00
5	Connect to Existing	EA	2	4,500.00	9,000.00		-		-	740.00	1,480.00		-	1,650.00	3,300.00
6	Wye Assembly, 6"	EA	21	200.00	4,200.00		-		-	270.00	5,670.00		-	935.00	19,635.00
7	Sewer Lead, 6", SCH 40	LF	1,265	46.00	58,190.00		-		-	38.00	48,070.00		-	44.00	55,660.00
8	Clean-Out Assembly, Sewer Lead, 6"	EA	6	500.00	3,000.00		-		-	250.00	1,500.00		-	330.00	1,980.00
9	Bore and Jack Steel Casing, 8"	LF	140	300.00	42,000.00		-		-	285.00	39,900.00		-	253.00	35,420.00
10	Bore and Jack Steel Casing, 16"	LF	120	400.00	48,000.00		-		-	330.00	39,600.00		-	302.50	36,300.00
11	Force Main, SDR 21, 6"	LF	4,320	30.00	129,600.00		-		-	51.00	220,320.00		-	30.30	130,896.00
12	Force Main, SDR 21, 2"	LF	70	20.00	1,400.00		-		-	24.00	1,680.00		-	27.50	1,925.00
13	Clean-out Assembly, Force Main, 6"	EA	4	3,200.00	12,800.00		-		-	1,690.00	6,760.00		-	3,630.00	14,520.00
14	Air Release Structure, 6"	EA	2	5,200.00	10,400.00		-		-	4,490.00	8,980.00		-	5,280.00	10,560.00
15	Force Main, Dir. Drilled, HDPE, DR11, 6"	LF	625	85.00	53,125.00		-		-	75.00	46,875.00		-	90.20	56,375.00
16	Patch Asphalt, Road	SY	600	25.00	15,000.00		-		-	28.00	16,800.00		-	35.20	21,120.00
17	Asphalt, Drive	SY	500	28.00	14,000.00		-		-	27.00	13,500.00		-	26.40	13,200.00
18	Concrete, Curb & Gutter	LF	200	32.00	6,400.00		-		-	30.00	6,000.00		-	27.50	5,500.00
19	Concrete, Driveway	SF	100	15.00	1,500.00		-		-	10.00	1,000.00		-	9.90	990.00
20	Restoration & Cleanup	LS	1	22,000.00	22,000.00		-		-	120,000.00	120,000.00		-	49,500.00	49,500.00
TOTAL OF DIVISION 1				\$	1,027,065.00	\$	-	\$	-	\$	1,135,245.00	\$	-	\$	1,075,977.50

DIVISION 2, LOCAL STREET GRAVITY SEWER										ELMERS		MDC		DUNIGAN BROTHERS	
No	Item	Unit	Est. Qty	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	Mobilization	LS	1		-		-		-	33,000.00	33,000.00	30,000.00	30,000.00	88,000.00	88,000.00
2	Sanitary Sewer, 8", SDR 26	LF	7,280		-		-		-	89.00	647,920.00	34.50	251,160.00	59.40	432,432.00
3	Manhole, 4' Dia.	EA	38		-		-		-	2,800.00	106,400.00	2,000.00	76,000.00	4,070.00	154,660.00
4	Connect to Existing	EA	4		-		-		-	740.00	2,960.00	1,400.00	5,600.00	1,650.00	6,600.00
5	Wye Assembly, 6"	EA	111		-		-		-	270.00	29,970.00	375.00	41,625.00	880.00	97,680.00
6	Sewer Lead, 6", SCH 40	LF	3,360		-		-		-	38.00	127,680.00	19.00	63,840.00	44.00	147,840.00
7	Clean-Out Assembly, Sewer Lead, 6"	EA	10		-		-		-	250.00	2,500.00	400.00	4,000.00	330.00	3,300.00
8	Bore and Jack Steel Casing, 16"	LF	260		-		-		-	400.00	104,000.00	460.00	119,600.00	302.50	78,650.00
9	Patch Asphalt, Road	SY	2,400		-		-		-	28.00	67,200.00	29.00	69,600.00	26.40	63,360.00
10	Asphalt, Drive	SY	1,800		-		-		-	27.00	48,600.00	30.50	54,900.00	26.40	47,520.00
11	Concrete, Curb & Gutter	LF	400		-		-		-	30.00	12,000.00	20.00	8,000.00	27.50	11,000.00
12	Concrete, Driveway	SF	200		-		-		-	10.00	2,000.00	12.00	2,400.00	8.80	1,760.00
13	Restoration & Cleanup	LS	1		-		-		-	66,000.00	66,000.00	47,800.00	47,800.00	49,500.00	49,500.00
TOTAL OF DIVISION 2				\$	-	\$	-	\$	-	\$	1,250,230.00	\$	774,525.00	\$	1,182,302.00

BID RESULTS
TUSCARORA TOWNSHIP - WASTEWATER COLLECTION SYSTEM

Date: October 25, 2013 Time: 11:00 AM GFA #11354

DIVISION 3, LOW PRESSURE SEWER AREAS										ELMERS				DUNIGAN BROTHERS	
No	Item	Unit	Est. Qty	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	Mobilization	LS	1		-		-		-	23,000.00	23,000.00		-	29,700.00	29,700.00
2	Force Main, SDR 21, 1¼"	LF	1,750		-		-		-	20.00	35,000.00		-	35.20	61,600.00
3	Force Main, SDR 21, 2"	LF	585		-		-		-	21.00	12,285.00		-	35.20	20,592.00
4	Force Main, Dir. Drilled, HDPE DR 11, 1½"	LF	480		-		-		-	48.00	23,040.00		-	37.40	17,952.00
5	Wye Assembly, 1¼"	EA	2		-		-		-	75.00	150.00		-	165.00	330.00
6	Sewer Lead, 6", SCH 40	LF	1,700		-		-		-	38.00	64,600.00		-	44.00	74,800.00
7	Cleanout Assembly, Sewer Lead, 6"	EA	6		-		-		-	250.00	1,500.00		-	330.00	1,980.00
8	Bore and Jack Steel Casing, 8"	LF	70		-		-		-	370.00	25,900.00		-	253.00	17,710.00
9	Individual Sewer Grinder Station	EA	9		-		-		-	33,000.00	297,000.00		-	33,000.00	297,000.00
10	Site Electrical Service Allowance (Division 3)	LS	1		-		-		-	22000	22,000.00		-	22000	22,000.00
11	Connect to Existing	EA	5		-		-		-	700.00	3,500.00		-	1,650.00	8,250.00
12	Force Main Cleanout, 1¼"	EA	5		-		-		-	750.00	3,750.00		-	2,420.00	12,100.00
13	Force Main Cleanout, 2"	EA	1		-		-		-	750.00	750.00		-	2,420.00	2,420.00
14	Air Release Structure, 1¼"	EA	1		-		-		-	3,350.00	3,350.00		-	5,280.00	5,280.00
15	Plug Valve, 1¼"	EA	8		-		-		-	550.00	4,400.00		-	495.00	3,960.00
16	Plug Valve, 2"	EA	1		-		-		-	600.00	600.00		-	495.00	495.00
17	Patch Asphalt, Road	SY	1,885		-		-		-	28.00	52,780.00		-	26.40	49,764.00
18	Asphalt, Drive	SY	100		-		-		-	27.00	2,700.00		-	26.40	2,640.00
19	Concrete, Curb & Gutter	LF	50		-		-		-	35.00	1,750.00		-	27.50	1,375.00
20	Concrete, Driveway	SF	100		-		-		-	10.00	1,000.00		-	9.90	990.00
21	Restoration & Cleanup	LS	1		-		-		-	65,000.00	65,000.00		-	16,500.00	16,500.00
22	Spare Grinder Station Pumps & Parts	LS	1		-		-		-	5,500.00	5,500.00		-	11,000.00	11,000.00
TOTAL OF DIVISION 3				\$	-	\$	-	\$	-	\$	649,555.00	\$	-	\$	658,438.00

DIVISION 4, INDUSTRIAL PARK AREA								TRI-COUNTY EXC.		ELMERS		MDC		DUNIGAN BROTHERS	
No	Item	Unit	Est. Qty	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	Mobilization	LS	1		-		-	40,000.00	40,000.00	31,000.00	31,000.00	18,000.00	18,000.00	47,300.00	47,300.00
2	Sanitary Sewer, 8", SDR 35	LF	5,120		-		-	45.00	230,400.00	65.00	332,800.00	18.00	92,160.00	50.60	259,072.00
3	Sanitary Sewer, 8", SDR 26	LF	1,560		-		-	55.00	85,800.00	95.00	148,200.00	22.50	35,100.00	51.70	80,652.00
4	Connect to Existing	EA	3		-		-	1,000.00	3,000.00	750.00	2,250.00	1,200.00	3,600.00	1,650.00	4,950.00
5	Manhole, 4' Dia.	EA	25		-		-	2,800.00	70,000.00	3,000.00	75,000.00	2,100.00	52,500.00	4,070.00	101,750.00
6	Wye Assembly, 6"	EA	25		-		-	200.00	5,000.00	270.00	6,750.00	350.00	8,750.00	880.00	22,000.00
7	Sewer Lead, 6", SCH 40	LF	830		-		-	25.00	20,750.00	38.00	31,540.00	17.00	14,110.00	44.00	36,520.00
8	Patch Asphalt, Road	SY	680		-		-	31.00	21,080.00	28.00	19,040.00	28.00	19,040.00	35.20	23,936.00
9	Asphalt, Drive	SY	375		-		-	31.00	11,625.00	27.00	10,125.00	28.00	10,500.00	26.40	9,900.00
10	Concrete, Curb & Gutter	LF	250		-		-	25.00	6,250.00	30.00	7,500.00	20.00	5,000.00	27.50	6,875.00
11	Restoration & Cleanup	LS	1		-		-	50,000.00	50,000.00	79,000.00	79,000.00	40,000.00	40,000.00	33,000.00	33,000.00
TOTAL OF DIVISION 4				\$	-	\$	-	\$	543,905.00	\$	743,205.00	\$	298,760.00	\$	625,955.00

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DIVISION 5, MAIN PUMP STATIONS										ELMERS				DUNIGAN BROTHERS	
No	Item	Unit	Est. Qty	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	Mobilization	LS	1		-		-		-		19,325.00		-		55,000.00
2	Lift Station #1	LS	1	(Total Items A-D)		(Total Items A-D)		(Total Items A-D)		(Total Items A-D)	159,181.00	(Total Items A-D)		(Total Items A-D)	201,300.00
	A. Wetwell including Pumps and Piping	LS	1		----		----		----	100595	----		----	124300	----
	B. Fiberglass Valve Vault Chamber	LS	1		----		----		----	18686	----		----	45100	----
	C. Control Panel Set	LS	1		----		----		----	33100	----		----	18700	----
	D. Sitework	LS	1		----		----		----	6800	----		----	13200	----
3	Grinder Station #2	LS	1	(Total Items A-C)		(Total Items A-C)		(Total Items A-C)		(Total Items A-C)	70,325.00	(Total Items A-C)		(Total Items A-C)	93,500.00
	A. Grinder Station including Pumps, Piping, wetwell & Valve Vault	LS	1		----		----		----	46000	----		----	69300	----
	B. Control Panel Set	LS	1		----		----		----	19425	----		----	16500	----
	C. Sitework	LS	1		----		----		----	4900	----		----	7700	----
4	Site Electrical Service Allowance both locations	LS	1	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
TOTAL OF DIVISION 5				\$	15,000.00	\$	15,000.00	\$	15,000.00	\$	263,831.00	\$	15,000.00	\$	364,800.00

ALTERNATE A: DIVISION 1, CLUB ROAD/M-68 SEWER & FORCEMAIN				B & L EXC.						ELMERS				DUNIGAN BROTHERS	
No	Item	Unit	Est. Qty	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	Mobilization	LS	1	10,000.00	10,000.00		-		-	30,000.00	30,000.00		-	84,700.00	84,700.00
2	Sanitary Sewer, 12", SDR 26	LF	3,090	105.00	324,450.00		-		-	91.50	282,735.00		-	92.40	285,516.00
3	Sanitary Sewer, 8", SDR 26	LF	1,720	80.00	137,600.00		-		-	85.00	146,200.00		-	81.40	140,008.00
4	Manhole, 4' Dia.	EA	17	4,000.00	68,000.00		-		-	2,550.00	43,350.00		-	4,070.00	69,190.00
5	Wye Assembly, 6"	EA	19	200.00	3,800.00		-		-	270.00	5,130.00		-	935.00	17,765.00
6	Sewer Lead, 6", SCH 40	LF	1,115	46.00	51,290.00		-		-	38.00	42,370.00		-	44.00	49,060.00
7	Clean-Out Assembly, Sewer Lead, 6"	EA	6	500.00	3,000.00		-		-	250.00	1,500.00		-	330.00	1,980.00
8	Bore and Jack Steel Casing, 8"	LF	140	300.00	42,000.00		-		-	285.00	39,900.00		-	253.00	35,420.00
9	Bore and Jack Steel Casing, 16"	LF	120	400.00	48,000.00		-		-	330.00	39,600.00		-	302.50	36,300.00
10	Force Main, SDR 21, 6"	LF	4,320	30.00	129,600.00		-		-	51.00	220,320.00		-	30.30	130,896.00
11	Clean-out Assembly, Force Main, 6"	EA	3	3,200.00	9,600.00		-		-	1,690.00	5,070.00		-	3,630.00	10,890.00
12	Air Release Structure, 6"	EA	2	5,200.00	10,400.00		-		-	4,490.00	8,980.00		-	5,280.00	10,560.00
13	Force Main, Dir. Drilled, HDPE, DR11, 6"	LF	625	85.00	53,125.00		-		-	75.00	46,875.00		-	90.20	56,375.00
14	Connect to Existing	EA	2	4,500.00	9,000.00		-		-	750.00	1,500.00		-	1,650.00	3,300.00
15	Patch Asphalt, Road	SY	600	25.00	15,000.00		-		-	28.00	16,800.00		-	35.20	21,120.00
16	Asphalt, Drive	SY	500	28.00	14,000.00		-		-	27.00	13,500.00		-	26.40	13,200.00
17	Concrete, Curb & Gutter	LF	200	32.00	6,400.00		-		-	30.00	6,000.00		-	27.50	5,500.00
18	Concrete, Driveway	SF	100	15.00	1,500.00		-		-	10.00	1,000.00		-	9.90	990.00
19	Restoration & Cleanup	LS	1	22,000.00	22,000.00		-		-	120,000.00	120,000.00		-	49,500.00	49,500.00
TOTAL OF ALTERNATE A: DIVISION 1				\$	958,765.00	\$	-	\$	-	\$	1,070,830.00	\$	-	\$	1,022,270.00

BID RESULTS

TUSCARORA TOWNSHIP - WASTEWATER COLLECTION SYSTEM

Date: October 25, 2013 Time: 11:00 AM GFA #11354

ALTERNATE A: DIVISION 4, INDUSTRIAL PARK AREA (LOW PRESSURE)						HARBOR SPRINGS EXC.		TRI-COUNTY EXC.		ELMERS		MDC		DUNIGAN BROTHERS	
No	Item	Unit	Est. Qty	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	Mobilization	LS	1		-	4,686.51	4,686.51	30,000.00	30,000.00	31,000.00	31,000.00	15,500.00	15,500.00	47,300.00	47,300.00
2	Force Main, SDR 21, 3"	LF	5,000		-	16.64	83,200.00	15.00	75,000.00	27.00	135,000.00	9.35	46,750.00	23.10	115,500.00
3	Force Main, SDR 21, 1 1/4"	LF	770		-	14.38	11,072.60	12.00	9,240.00	26.00	20,020.00	11.40	8,778.00	22.00	16,940.00
4	Individual Grinder Pump Station	EA	8		-	27,952.99	223,623.92	38,000.00	304,000.00	35,000.00	280,000.00	15,200.00	121,600.00	33,000.00	264,000.00
5	Site Electrical Service Allowance (Division 4)	LS	1		-	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00
6	Sewer Lead, 6", SCH 40	LF	1,780		-	17.05	30,349.00	24.00	42,720.00	38.00	67,640.00	11.00	19,580.00	44.00	78,320.00
7	Clean-Out Assembly, Sewer Lead, 6"	EA	5		-	228.74	1,143.70	500.00	2,500.00	250.00	1,250.00	350.00	1,750.00	330.00	1,650.00
8	Air Release Structure, 3"	EA	1		-	6,659.48	6,659.48	6,500.00	6,500.00	3,400.00	3,400.00	4,900.00	4,900.00	5,280.00	5,280.00
9	Wye Assembly, 1 1/4"	EA	4		-	201.48	805.92	400.00	1,600.00	75.00	300.00	340.00	1,360.00	110.00	440.00
10	Plug Valve, 1 1/4"	EA	2		-	345.78	691.56	300.00	600.00	550.00	1,100.00	600.00	1,200.00	495.00	990.00
11	Force Main Cleanout, 1 1/4"	EA	5		-	1,770.43	8,852.15	1,700.00	8,500.00	750.00	3,750.00	250.00	1,250.00	2,420.00	12,100.00
12	Force Main Cleanout, 3"	EA	8		-	2,512.00	20,096.00	2,000.00	16,000.00	750.00	6,000.00	1,000.00	8,000.00	2,420.00	19,360.00
13	Patch Asphalt, Road	SY	680		-	43.86	29,824.80	31.00	21,080.00	28.00	19,040.00	28.00	19,040.00	35.20	23,936.00
14	Asphalt, Drive	SY	375		-	43.57	16,338.75	31.00	11,625.00	27.00	10,125.00	28.00	10,500.00	26.40	9,900.00
15	Concrete, Curb & Gutter	LF	250		-	37.58	9,395.00	25.00	6,250.00	30.00	7,500.00	20.00	5,000.00	27.50	6,875.00
16	Restoration & Cleanup	LS	1		-	98,552.83	98,552.83	45,000.00	45,000.00	70,000.00	70,000.00	34,000.00	34,000.00	33,000.00	33,000.00
17	Spare Grinder Station Pumps & Parts	LS	1		-	8,293.42	8,293.42	8,000.00	8,000.00	5,500.00	5,500.00	5,500.00	5,500.00	11,000.00	11,000.00
TOTAL OF ALTERNATE A: DIVISION 4				\$	-	\$	569,585.64	\$	604,615.00	\$	677,625.00	\$	320,708.00	\$	662,591.00

ALTERNATE A: DIVISION 5, MAIN PUMP STATION (STATION #2 ELIMINATED)										ELMERS				DUNIGAN BROTHERS	
No	Item	Unit	Est. Qty	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	Mobilization	LS	1								18,000.00				55,000.00
2	Lift Station #1	LS	1	(Total Items A-D)		(Total Items A-D)		(Total Items A-D)		(Total Items A-D)	159,181.00	(Total Items A-D)		(Total Items A-D)	201,300.00
	A. Wetwell including Pumps and Piping	LS	1		----		----		----	100,595.00	----		----	124,300.00	----
	B. Fiberglass Valve Vault Chamber	LS	1		----		----		----	18,686.00	----		----	45,100.00	----
	C. Control Panel Set	LS	1		----		----		----	33,100.00	----		----	18,700.00	----
	D. Sitework	LS	1		----		----		----	6,800.00	----		----	13,200.00	----
3	Site Electrical Service Allowance Division 5	LS	1	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00
TOTAL OF ALTERNATE A: DIVISION 5				\$	8,000.00	\$	8,000.00	\$	8,000.00	\$	185,181.00	\$	8,000.00	\$	264,300.00

TOTAL OF BASE BID
TOTAL OF ALTERNATE BID

\$	4,042,066.00
\$	3,833,421.00

\$	3,907,472.50
\$	3,789,901.00