

VILLAGE OF UNION CITY
Sanitary Sewer Rehabilitation Phase IV

Bid Breakdown

Bid Date: Friday, August 26, 2016 @ 10:00 AM

Engineer's Estimate: \$ 389,000.00 - Base Bid

Item	Description	Quantity	Miller Pipeline, LLC				Insituform Technologies, LLC				Insight Pipe Contracting, LLC				Layne Inliner, LLC				
			Material Unit Cost	Labor Cost	Total Unit Cost	Total Cost	Material Unit Cost	Labor Cost	Total Unit Cost	Total Cost	Material Unit Cost	Labor Cost	Total Unit Cost	Total Cost	Material Unit Cost	Labor Cost	Total Unit Cost	Total Cost	
Base Bid																			
614	Maintaining Traffic	1	Lump	0.00	780.00	780.00	780.00	2,000.00	9,000.00	11,000.00	11,000.00	0.00	1,000.00	1,000.00	1,000.00	480.00	720.00	1,200.00	1,200.00
624	Mobilization	1	Lump	0.00	3,440.00	3,440.00	3,440.00	4,000.00	13,000.00	17,000.00	17,000.00	0.00	1,000.00	1,000.00	1,000.00	5,600.00	8,400.00	14,000.00	14,000.00
33 01 03	8" Point Repair w/Depth of ≤ 10'	1	Each	2,698.60	4,634.60	7,333.20	7,333.20	3,000.00	4,500.00	7,500.00	7,500.00	3,500.00	3,500.00	7,000.00	7,000.00	2,700.00	4,050.00	6,750.00	6,750.00
33 01 03	8" Point Repair w/Depth of > 10' - 15'	1	Each	3,072.48	5,473.47	8,545.95	8,545.95	3,480.00	5,220.00	8,700.00	8,700.00	4,140.00	4,000.00	8,140.00	8,140.00	3,280.00	4,920.00	8,200.00	8,200.00
33 01 03	8" Point Repair w/Depth of > 15' - 20'	1	Each	3,486.85	7,972.85	11,459.70	11,459.70	4,680.00	7,020.00	11,700.00	11,700.00	5,920.00	5,000.00	10,920.00	10,920.00	4,800.00	7,200.00	12,000.00	12,000.00
33 01 03	10" Point Repair w/Depth of ≤ 10'	1	Each	2,847.23	4,638.22	7,485.45	7,485.45	3,080.00	4,620.00	7,700.00	7,700.00	3,630.00	3,500.00	7,130.00	7,130.00	2,780.00	4,170.00	6,950.00	6,950.00
33 01 03	10" Point Repair w/Depth of > 10' - 15'	1	Each	3,221.10	5,477.10	8,698.20	8,698.20	3,560.00	5,340.00	8,900.00	8,900.00	4,300.00	4,000.00	8,300.00	8,300.00	3,360.00	5,040.00	8,400.00	8,400.00
33 01 03	10" Point Repair w/Depth of > 15' - 20'	1	Each	3,635.48	7,976.47	11,611.95	11,611.95	4,760.00	7,140.00	11,900.00	11,900.00	6,060.00	5,000.00	11,060.00	11,060.00	4,960.00	7,440.00	12,400.00	12,400.00
33 01 03	4" - 6" Lateral Replacement w/Depth of ≤ 10'	1	Each	1,786.20	1,498.20	3,284.40	3,284.40	1,320.00	1,980.00	3,300.00	3,300.00	1,630.00	1,500.00	3,130.00	3,130.00	2,600.00	3,900.00	6,500.00	6,500.00
33 01 03	4" - 6" Lateral Replacement w/Depth of > 10' - 15'	1	Each	1,793.83	1,810.82	3,604.65	3,604.65	1,480.00	2,220.00	3,700.00	3,700.00	1,740.00	1,600.00	3,340.00	3,340.00	3,200.00	4,800.00	8,000.00	8,000.00
33 01 03	4" - 6" Lateral Replacement w/Depth of > 15' - 20'	1	Each	1,801.45	2,123.45	3,924.90	3,924.90	1,600.00	2,400.00	4,000.00	4,000.00	1,940.00	1,800.00	3,740.00	3,740.00	4,800.00	7,200.00	12,000.00	12,000.00
33 01 30.62	Manhole Rehabilitation	124.4	V.F.	65.75	55.00	120.75	15,021.30	60.00	60.00	120.00	14,928.00	60.00	68.00	128.00	15,923.20	52.00	78.00	130.00	16,172.00
33 01 30.72	8" Cured-in-Place Pipe	8,071	L.F.	12.00	9.00	21.00	169,491.00	9.40	14.10	23.50	189,668.50	8.00	19.50	27.50	221,952.50	10.40	15.60	26.00	209,846.00
33 01 30.72	10" Cured-in-Place Pipe	2,315	L.F.	14.00	8.00	22.00	50,930.00	9.80	14.70	24.50	56,717.50	11.00	20.00	31.00	71,765.00	11.20	16.80	28.00	64,820.00
30 01 30.72	Protruding Lateral Cut-Out	10	Each	0.00	60.00	60.00	600.00	40.00	60.00	100.00	1,000.00	0.00	200.00	200.00	2,000.00	120.00	180.00	300.00	3,000.00
Spec.	Manhole Modifications F26	1	Each	741.75	700.00	1,441.75	1,441.75	625.00	625.00	1,250.00	1,250.00	750.00	700.00	1,450.00	1,450.00	648.00	972.00	1,620.00	1,620.00
Spec.	Manhole Modifications F27	1	Each	875.40	1,800.00	2,675.40	2,675.40	475.00	475.00	950.00	950.00	1,380.00	1,300.00	2,680.00	2,680.00	648.00	972.00	1,620.00	1,620.00
Spec.	Manhole Modifications F32	1	Each	875.40	1,800.00	2,675.40	2,675.40	475.00	475.00	950.00	950.00	1,380.00	1,300.00	2,680.00	2,680.00	648.00	972.00	1,620.00	1,620.00
Spec.	Manhole Modifications E14	1	Each	968.00	1,048.00	2,016.00	2,016.00	625.00	625.00	1,250.00	1,250.00	1,020.00	1,000.00	2,020.00	2,020.00	648.00	972.00	1,620.00	1,620.00
Total Base Bid						\$315,019.25				\$362,114.00				\$385,230.70				\$396,718.00	
Item	Description	Quantity		Material Unit Cost	Labor Cost	Total Unit Cost	Total Cost	Material Unit Cost	Labor Cost	Total Unit Cost	Total Cost	Material Unit Cost	Labor Cost	Total Unit Cost	Total Cost	Material Unit Cost	Labor Cost	Total Unit Cost	Total Cost
Alternate #1 - Manhole A19																			
33 01 30.62	Manhole Rehabilitation	11.90	V.F.	87.25	65.00	152.25	1,811.78	62.00	93.00	155.00	1,844.50	65.00	96.00	161.00	1,915.90	52.00	78.00	130.00	1,547.00
Total Alternate #1						\$1,811.78				\$1,844.50				\$1,915.90				\$1,547.00	
Alternate #2 - Manhole D4																			
33 01 30.62	Manhole Rehabilitation	10.30	V.F.	87.25	65.00	152.25	1,568.18	62.00	93.00	155.00	1,596.50	65.00	96.00	161.00	1,658.30	52.00	78.00	130.00	1,339.00
Total Alternate #2						\$1,568.18				\$1,596.50				\$1,658.30				\$1,339.00	
Alternate #3 - Manhole E8																			
33 01 30.62	Manhole Rehabilitation	5.70	V.F.	105.35	70.00	175.35	999.50	72.00	108.00	180.00	1,026.00	70.00	106.00	176.00	1,003.20	52.00	78.00	130.00	741.00
Total Alternate #3						\$999.50				\$1,026.00				\$1,003.20				\$741.00	
Alternate #4 - Manhole F6																			
33 01 30.62	Manhole Rehabilitation	4.40	V.F.	105.35	70.00	175.35	771.54	72.00	108.00	180.00	792.00	70.00	106.00	176.00	774.40	52.00	78.00	130.00	572.00
Total Alternate #4						\$771.54				\$792.00				\$774.40				\$572.00	
Alternate #5 - Manhole Steps																			
33 01 30.62	Manhole Steps	40.00	Each	10.00	21.50	31.50	1,260.00	12.00	20.00	32.00	1,280.00	10.00	22.00	32.00	1,280.00	22.00	33.00	55.00	2,200.00
Total Alternate #5						\$1,260.00				\$1,280.00				\$1,280.00				\$2,200.00	
Total Base Bid and Alternates						\$321,430.25				\$368,653.00				\$391,862.50				\$403,117.00	

VILLAGE OF UNION CITY
Sanitary Sewer Rehabilitation Phase IV

Bid Breakdown

			<u>United Survey, Inc.</u>				<u>Inland Waters Pollution Control, Inc.</u>				<u>Liquiforce Services USA, Inc.</u>				
<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Material Unit Cost</u>	<u>Labor Cost</u>	<u>Total Unit Cost</u>	<u>Total Cost</u>	<u>Material Unit Cost</u>	<u>Labor Cost</u>	<u>Total Unit Cost</u>	<u>Total Cost</u>	<u>Material Unit Cost</u>	<u>Labor Cost</u>	<u>Total Unit Cost</u>	<u>Total Cost</u>	
Base Bid															
614	Maintaining Traffic	1	Lump	0.00	5,000.00	5,000.00	5,000.00	4,000.00	2,420.00	6,420.00	6,420.00	7,740.00	5,160.00	12,900.00	12,900.00
624	Mobilization	1	Lump	0.00	6,000.00	6,000.00	6,000.00	10,000.00	5,758.00	15,758.00	15,758.00	19,800.00	13,200.00	33,000.00	33,000.00
33 01 03	8" Point Repair w/Depth of ≤ 10'	1	Each	3,500.00	3,500.00	7,000.00	7,000.00	5,000.00	15,427.00	20,427.00	20,427.00	5,775.00	17,325.00	23,100.00	23,100.00
33 01 03	8" Point Repair w/Depth of > 10' - 15'	1	Each	4,500.00	4,000.00	8,500.00	8,500.00	9,000.00	15,513.00	24,513.00	24,513.00	7,575.00	22,725.00	30,300.00	30,300.00
33 01 03	8" Point Repair w/Depth of > 15' - 20'	1	Each	6,300.00	6,200.00	12,500.00	12,500.00	12,000.00	17,765.00	29,765.00	29,765.00	8,400.00	25,200.00	33,600.00	33,600.00
33 01 03	10" Point Repair w/Depth of ≤ 10'	1	Each	3,500.00	3,800.00	7,300.00	7,300.00	9,000.00	11,427.00	20,427.00	20,427.00	5,775.00	17,325.00	23,100.00	23,100.00
33 01 03	10" Point Repair w/Depth of > 10' - 15'	1	Each	4,500.00	4,300.00	8,800.00	8,800.00	11,000.00	13,513.00	24,513.00	24,513.00	8,400.00	22,725.00	30,600.00	30,600.00 *
33 01 03	10" Point Repair w/Depth of > 15' - 20'	1	Each	6,500.00	6,500.00	13,000.00	13,000.00	12,000.00	17,182.00	29,182.00	29,182.00	8,400.00	25,200.00	33,600.00	33,600.00
33 01 03	4" - 6" Lateral Replacement w/Depth of ≤ 10'	1	Each	3,400.00	3,400.00	6,800.00	6,800.00	900.00	1,143.00	2,043.00	2,043.00	630.00	1,890.00	2,520.00	2,520.00
33 01 03	4" - 6" Lateral Replacement w/Depth of > 10' - 15'	1	Each	4,200.00	4,200.00	8,400.00	8,400.00	900.00	1,143.00	2,043.00	2,043.00	630.00	1,890.00	2,520.00	2,520.00
33 01 03	4" - 6" Lateral Replacement w/Depth of > 15' - 20'	1	Each	6,300.00	6,300.00	12,600.00	12,600.00	900.00	1,143.00	2,043.00	2,043.00	630.00	1,890.00	2,520.00	2,520.00
33 01 30.62	Manhole Rehabilitation	124.4	V.F.	80.00	80.00	160.00	19,904.00	80.00	55.00	135.00	16,794.00	86.40	57.60	144.00	17,913.60
33 01 30.72	8" Cured-in-Place Pipe	8,071	L.F.	10.00	16.50	26.50	213,881.50	22.00	11.00	33.00	266,343.00	18.00	12.00	30.00	242,130.00
33 01 30.72	10" Cured-in-Place Pipe	2,315	L.F.	10.00	16.50	26.50	61,347.50	26.00	10.00	36.00	83,340.00	19.80	13.20	33.00	76,395.00
30 01 30.72	Protruding Lateral Cut-Out	10	Each	0.00	250.00	250.00	2,500.00	25.00	78.00	103.00	1,030.00	300.00	200.00	500.00	5,000.00
Spec.	Manhole Modifications F26	1	Each	500.00	1,000.00	1,500.00	1,500.00	751.00	1,000.00	1,751.00	1,751.00	1,080.00	720.00	1,800.00	1,800.00
Spec.	Manhole Modifications F27	1	Each	500.00	700.00	1,200.00	1,200.00	751.00	1,000.00	1,751.00	1,751.00	1,080.00	720.00	1,800.00	1,800.00
Spec.	Manhole Modifications F32	1	Each	500.00	1,000.00	1,500.00	1,500.00	751.00	1,000.00	1,751.00	1,751.00	1,080.00	720.00	1,800.00	1,800.00
Spec.	Manhole Modifications E14	1	Each	500.00	1,000.00	1,500.00	1,500.00	751.00	1,000.00	1,751.00	1,751.00	1,080.00	720.00	1,800.00	1,800.00
Total Base Bid						<u>\$399,233.00</u>				<u>\$551,645.00</u>				<u>\$576,398.60</u>	
*Mathematical error resolved in favor of Unit Price.															
<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Material Unit Cost</u>	<u>Labor Cost</u>	<u>Total Unit Cost</u>	<u>Total Cost</u>	<u>Material Unit Cost</u>	<u>Labor Cost</u>	<u>Total Unit Cost</u>	<u>Total Cost</u>	<u>Material Unit Cost</u>	<u>Labor Cost</u>	<u>Total Unit Cost</u>	<u>Total Cost</u>	
Alternate #1 - Manhole A19															
33 01 30.62	Manhole Rehabilitation	11.90	V.F.	80.00	80.00	160.00	1,904.00	100.00	70.00	170.00	2,023.00	86.40	57.60	144.00	1,713.60
Total Alternate #1						<u>\$1,904.00</u>				<u>\$2,023.00</u>				<u>\$1,713.60</u>	
Alternate #2 - Manhole D4															
33 01 30.62	Manhole Rehabilitation	10.30	V.F.	80.00	80.00	160.00	1,648.00	100.00	70.00	170.00	1,751.00	86.40	57.60	144.00	1,483.20
Total Alternate #2						<u>\$1,648.00</u>				<u>\$1,751.00</u>				<u>\$1,483.20</u>	
Alternate #3 - Manhole E8															
33 01 30.62	Manhole Rehabilitation	5.70	V.F.	80.00	80.00	160.00	912.00	120.00	75.00	195.00	1,111.50	86.40	57.60	144.00	820.80
Total Alternate #3						<u>\$912.00</u>				<u>\$1,111.50</u>				<u>\$820.80</u>	
Alternate #4 - Manhole F6															
33 01 30.62	Manhole Rehabilitation	4.40	V.F.	80.00	80.00	160.00	704.00	120.00	75.00	195.00	858.00	86.40	57.60	144.00	633.60
Total Alternate #4						<u>\$704.00</u>				<u>\$858.00</u>				<u>\$633.60</u>	
Alternate #5 - Manhole Steps															
33 01 30.62	Manhole Steps	40.00	Each	10.00	40.00	50.00	2,000.00	16.00	20.00	36.00	1,440.00	36.00	24.00	60.00	2,400.00
Total Alternate #5						<u>\$2,000.00</u>				<u>\$1,440.00</u>				<u>\$2,400.00</u>	
Total Base Bid and Alternates						<u>\$406,401.00</u>				<u>\$558,828.50</u>				<u>\$583,449.80</u>	