

**SYSTEM VALVE REPLACEMENT - PHASE III**

**OWNER: MAHONING VALLEY SANITARY DISTRICT**

**PROJECT NO.: 13500**

**BID OPENING DATE: May 31, 2016**

**BIDDING SUMMARY**

<b>BIDDER</b>		<b>TOTAL BASE BID</b>	<b>TOTAL ALTERNATE BIDS</b>	<b>BASE BID AND ALTERNATES</b>
1	Kirila Contractors, Inc.	\$7,284,265.00	\$4,457,115.00	\$11,741,380.00
2	A.P. O'Horo Company	\$6,374,800.00	\$5,114,108.00	\$11,488,908.00

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**BID TABULATION**

Ref No.	Description	Quan.	Unit	Kirila Contractors, Inc.				A.P. O'Horo Company			
				Unit Price Labor	Unit Price Material	Total Unit Price	Item Total	Unit Price Labor	Unit Price Material	Total Unit Price	Item Total
<b>General Items 1-7</b>											
0.1	Mobilization	1	LS	105,250.00	225,000.00	330,250.00	330,250.00	43,200.00	239,760.00	282,960.00	282,960.00
0.2	Shop Drawing Preparation	1	LS	15,750.00	0.00	15,750.00	15,750.00	27,270.00	97,227.00	124,497.00	124,497.00
0.3	Preconstruction Video Documentation	1	LS	8,190.00	0.00	8,190.00	8,190.00	324.00	918.00	1,242.00	1,242.00
0.4	Monument Protection/Restoration	1	LS	3,075.00	3,750.00	6,825.00	6,825.00	2,160.00	6,480.00	8,640.00	8,640.00
0.5	Materials Procurement	1	LS	0	121,210.00	121,210.00	121,210.00	0.00	162,000.00	162,000.00	162,000.00
Contingency Items As Directed											
0.6	Rock Excavation	100	CY	63.00	0.00	63.00	6,300.00	27.00	86.00	113.00	11,300.00
0.7	Utility Allowance	1	LS	---	---	---	200,000.00	50,000	150,000	200,000	200,000.00
<b>Niles Force Mains - Site A</b>											
A.1	Valve Replacement	1	LS	63,550.00	74,000.00	137,550.00	137,550.00	30,240.00	113,400.00	143,640.00	143,640.00
Contingency Items As Directed											
A.3	8" Insert Valve	1	LF	7,450.00	2,000.00	9,450.00	9,450.00	2,000.00	7,000.00	9,000.00	9,000.00
A.4	Additional 20" Waterline	20	LF	50.00	66.00	116.00	2,320.00	100.00	65.00	165.00	3,300.00
A.5	Additional 8" Waterline	10	EA	237.00	490.00	727.00	7,270.00	80.00	45.00	125.00	1,250.00
<b>Niles Force Mains - Site B</b>											
B.1	Valve Replacement	1	LS	86,700.00	130,650.00	217,350.00	217,350.00	57,840.00	183,280.00	241,120.00	241,120.00
B.2	8" Waterline	45	LF	85.00	52.00	137.00	6,165.00	108.00	65.00	173.00	7,785.00
B.8	20" Line Stop	1	EA	16,450.00	9,800.00	26,250.00	26,250.00	10,200.00	18,680.00	28,880.00	28,880.00
Contingency Items As Directed											
B.3	20" x 8" Tapping Sleeve and Valve	1	EA	4,300.00	3,260.00	7,560.00	7,560.00	4,000.00	2,000.00	6,000.00	6,000.00
B.4	8" Insert Valve	2	EA	4,000.00	7,130.00	11,130.00	22,260.00	2,000.00	7,000.00	9,000.00	18,000.00
B.5	Additional 20" Waterline	20	LF	81.00	98.00	179.00	3,580.00	100.00	65.00	165.00	3,300.00
B.6	Additional 8" Waterline	35	LF	118.00	172.00	290.00	10,150.00	80.00	50.00	130.00	4,550.00
B.7	Additional 8" Gate Valve	1	EA	275.00	1,250.00	1,525.00	1,525.00	500.00	1,250.00	1,750.00	1,750.00
<b>Niles Force Mains - Site C</b>											
C.1	Valve Replacement	1	LS	62,200.00	85,535.00	147,735.00	147,735.00	29,920.00	112,380.00	142,300.00	142,300.00
C.2	20" Line Stop	2	EA	16,150.00	8,000.00	24,150.00	48,300.00	8,800.00	18,600.00	27,400.00	54,800.00

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**BID TABULATION**

Ref No.	Description	Quan.	Unit	Kirila Contractors, Inc.				A.P. O'Horo Company			
				Unit Price Labor	Unit Price Material	Total Unit Price	Item Total	Unit Price Labor	Unit Price Material	Total Unit Price	Item Total
<b>Contingency Items As Directed</b>											
C.3	20" x 8" Tapping Sleeve and Valve	1	EA	4,300.00	3,260.00	7,560.00	7,560.00	4,000.00	2,000.00	6,000.00	6,000.00
C.4	8" x 8" Tapping Sleeve and Valve	1	EA	4,000.00	2,300.00	6,300.00	6,300.00	3,500.00	1,900.00	5,400.00	5,400.00
C.5	8" Waterline	10	LF	150.00	222.00	372.00	3,720.00	160.00	110.00	270.00	2,700.00
C.6	Additional 20" Waterline	20	LF	81.00	98.00	179.00	3,580.00	100.00	65.00	165.00	3,300.00
C.7	Additional 8" Gate Valve	1	EA	275.00	1,250.00	1,525.00	1,525.00	500.00	1,250.00	1,750.00	1,750.00
C.9	Additional 6" Blow-off Line	20	LF	77.00	45.00	122.00	2,440.00	80.00	45.00	125.00	2,500.00
<b>Niles Force Mains - Site D</b>											
D.1	Valve Replacement	1	LS	46,200.00	69,405.00	115,605.00	115,605.00	40,560.00	101,740.00	142,300.00	142,300.00
D.2	8" Gate Valve	3	EA	275.00	1,250.00	1,525.00	4,575.00	540.00	1,350.00	1,890.00	5,670.00
D.3	20" Line Stop	1	EA	16,150.00	8,000.00	24,150.00	24,150.00	10,200.00	18,680.00	28,880.00	28,880.00
D.4	8" Waterline	100	LF	138.00	113.00	251.00	25,100.00	302.00	151.00	453.00	45,300.00
D.5	20" x 8" Tapping Sleeve and Valve	1	EA	3,800.00	3,125.00	6,925.00	6,925.00	4,320.00	2,160.00	6,480.00	6,480.00
<b>Contingency Items As Directed</b>											
D.6	Additional 8" Waterline	20	LF	58.00	40.00	98.00	1,960.00	80.00	50.00	130.00	2,600.00
D.7	Additional 20" Waterline	20	LF	66.00	92.00	158.00	3,160.00	100.00	65.00	165.00	3,300.00
D.8	Additional 8" Gate Valve	1	EA	275.00	1,250.00	1,525.00	1,525.00	500.00	1,250.00	1,750.00	1,750.00
<b>Niles Force Mains - Site E</b>											
E.1	Valve Replacement	1	LS	103,600.00	108,185.00	211,785.00	211,785.00	54,760.00	161,520.00	216,280.00	216,280.00
E.2	20" Line Stop	2	EA	16,150.00	8,000.00	24,150.00	48,300.00	8,800.00	18,600.00	27,400.00	54,800.00
E.3	12" Insert Valve	1	EA	8,500.00	5,500.00	14,000.00	14,000.00	5,400.00	6,696.00	12,096.00	12,096.00
<b>Contingency Items As Directed</b>											
E.4	Additional 20" Waterline	20	LF	81.00	98.00	179.00	3,580.00	100.00	65.00	165.00	3,300.00
E.5	Additional 12" Waterline	20	LF	65.00	56.00	121.00	2,420.00	95.00	55.00	150.00	3,000.00
E.6	Additional 6" Blow-off Line	20	LF	64.00	38.00	102.00	2,040.00	80.00	45.00	125.00	2,500.00
<b>Niles Force Mains - Site F</b>											
F.1	Valve Replacement	1	LS	64,000.00	56,225.00	120,225.00	120,225.00	28,680.00	89,940.00	118,620.00	118,620.00
F.2	20" Line Stop	1	EA	16,500.00	9,225.00	25,725.00	25,725.00	10,200.00	18,600.00	28,800.00	28,800.00

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<b>Contingency Items As Directed</b>											
F.3	Additional 20" Waterline	20	LF	81.00	98.00	179.00	3,580.00	100.00	65.00	165.00	3,300.00
F.4	12" Insert Valve	1	EA	8,500.00	5,500.00	14,000.00	14,000.00	5,000.00	6,200.00	11,200.00	11,200.00
<b>Niles Force Mains - Site G</b>											
G.1	Valve Replacement	1	LS	49,000.00	65,555.00	114,555.00	114,555.00	24,840.00	85,320.00	110,160.00	110,160.00
<b>Contingency Items As Directed</b>											
G.2	20" Line Stop	1	EA	16,000.00	9,200.00	25,200.00	25,200.00	15,000.00	20,000.00	35,000.00	35,000.00
G.3	20" x 8" Tapping Sleeve and Valve	1	EA	3,500.00	3,010.00	6,510.00	6,510.00	4,000.00	2,000.00	6,000.00	6,000.00
G.4	8" Insert Valve	1	EA	7,000.00	4,130.00	11,130.00	11,130.00	2,000.00	7,000.00	9,000.00	9,000.00
G.5	Additional 20" Waterline	20	LF	81.00	98.00	179.00	3,580.00	100.00	65.00	165.00	3,300.00
G.6	Additional 8" Waterline	20	LF	161.00	121.00	282.00	5,640.00	90.00	90.00	180.00	3,600.00
G.7	Additional 6" Blow-off Line	20	LF	64.00	38.00	102.00	2,040.00	80.00	45.00	125.00	2,500.00
<b>Youngstown Force Mains - Site H</b>											
H.1	Valve Replacement	1	LS	102,000.00	383,730.00	485,730.00	485,730.00	62,000.00	367,800.00	429,800.00	429,800.00
H.2	36" Line Stop and Bypass	2	EA	59,000.00	77,470.00	136,470.00	272,940.00	28,400.00	68,280.00	96,680.00	193,360.00
H.3	Site Improvements	1	LS	63,000.00	65,100.00	128,100.00	128,100.00	21,600.00	45,360.00	66,960.00	66,960.00
<b>Contingency Items As Directed</b>											
H.4	Additional 36" Waterline	20	LF	91.00	144.00	235.00	4,700.00	110.00	110.00	220.00	4,400.00
H.5	Additional Bypass Piping	20	LF	81.00	203.00	284.00	5,680.00	110.00	110.00	220.00	4,400.00
<b>Youngstown Force Mains - Site I</b>											
I.1	Valve Replacement	1	LS	139,550.00	382,825.00	522,375.00	522,375.00	51,200.00	361,320.00	412,520.00	412,520.00
I.2	36" Line Stop and Bypass	2	EA	60,000.00	55,185.00	115,185.00	230,370.00	28,400.00	68,280.00	96,680.00	193,360.00
<b>Contingency Items As Directed</b>											
I.3	Additional 36" Waterline	20	LF	113.00	174.00	287.00	5,740.00	110.00	110.00	220.00	4,400.00
I.4	Additional Bypass Piping	20	LF	81.00	203.00	284.00	5,680.00	110.00	110.00	220.00	4,400.00
<b>Youngstown Force Mains - Site J</b>											
J.1	Valve Replacement	1	LS	148,000.00	466,985.00	614,985.00	614,985.00	60,920.00	436,920.00	497,840.00	497,840.00
J.2	48" Line Stop and Bypass	2	EA	60,820.00	54,680.00	115,500.00	231,000.00	28,400.00	68,280.00	96,680.00	193,360.00

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				Unit Price Labor	Unit Price Material	Total Unit Price	Item Total	Unit Price Labor	Unit Price Material	Total Unit Price	Item Total	
	Contingency Items As Directed											
J.3	Additional 24" Waterline	20	LF	105.00	115.00	220.00	4,400.00	90.00	80.00	170.00	3,400.00	
J.4	Additional 36" Waterline	20	LF	113.00	174.00	287.00	5,740.00	110.00	110.00	220.00	4,400.00	
J.7	Additional Bypass Piping	20	LF	81.00	203.00	284.00	5,680.00	110.00	110.00	220.00	4,400.00	
<b>Youngstown Force Mains - Site K</b>												
K.1	Valve Replacement	1	LS	320,000.00	520,750.00	840,750.00	840,750.00	90,400.00	524,080.00	614,480.00	614,480.00	
K.2	48"/16" Line Stop and Bypass	1	EA	169,750.00	71,100.00	240,850.00	240,850.00	28,400.00	120,680.00	149,080.00	149,080.00	
	Contingency Items As Directed											
K.3	36" Line Stop	1	EA	64,300.00	20,000.00	84,300.00	84,300.00	15,000.00	44,000.00	59,000.00	59,000.00	
K.4	42" Line Stop	1	EA	86,500.00	26,000.00	112,500.00	112,500.00	20,000.00	51,000.00	71,000.00	71,000.00	
K.5	Additional 24" Bypass Line	20	LF	38.00	57.00	95.00	1,900.00	90.00	40.00	130.00	2,600.00	
<b>Youngstown Force Mains - Site L</b>												
L.1	Valve Replacement	1	LS	83,000.00	395,275.00	478,275.00	478,275.00	32,080.00	395,340.00	427,420.00	427,420.00	
L.2	42" Line Stop and Bypass	1	EA	95,625.00	45,375.00	141,000.00	141,000.00	50,000.00	81,480.00	131,480.00	131,480.00	
	Contingency Items As Directed											
L.3	Additional 42" Waterline	20	LF	165.00	318.00	483.00	9,660.00	110.00	215.00	325.00	6,500.00	
L.4	Additional 42" Bypass Pipe	20	LF	81.00	203.00	284.00	5,680.00	110.00	110.00	220.00	4,400.00	
<b>Youngstown Force Mains - Site M</b>												
M.1	Valve Replacement	1	LS	107,000.00	398,575.00	505,575.00	505,575.00	29,920.00	381,840.00	411,760.00	411,760.00	
M.2	42" Line Stop and Bypass	1	EA	111,400.00	57,650.00	169,050.00	169,050.00	50,000.00	81,480.00	131,480.00	131,480.00	
	Contingency Items As Directed											
M.3	Additional 42" Waterline	20	LF	109.00	266.00	375.00	7,500.00	110.00	215.00	325.00	6,500.00	
M.4	Additional Bypass Piping	20	LF	81.00	203.00	284.00	5,680.00	110.00	110.00	220.00	4,400.00	
<b>Informal Total Base Bid</b>							<b>\$7,284,265.00</b>					<b>\$6,374,800.00</b>

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				Unit Price Labor	Unit Price Material	Total Unit Price	Item Total	Unit Price Labor	Unit Price Material	Total Unit Price	Item Total
	<b>ADD ALTERNATE: SITE N REPLACE 36-INCH WATER MAIN</b>										
N.1	36" Waterline	1,110	LF	181.00	251.00	432.00	479,520.00	213.00	330.00	543.00	602,730.00
N.2	8" Waterline	1,150	LF	75.00	53.00	128.00	147,200.00	36.00	52.00	88.00	101,200.00
N.3	8" Gate Valve	2	EA	275.00	1,250.00	1,525.00	3,050.00	216.00	1,512.00	1,728.00	3,456.00
N.4	8" Inserting Valve	2	EA	7,450.00	2,000.00	9,450.00	18,900.00	2,268.00	7,776.00	10,044.00	20,088.00
	Contingency Items As Directed										
N.5	36" Line Stop	1	EA	61,600.00	17,000.00	78,600.00	78,600.00	43,200.00	30,240.00	73,440.00	73,440.00
N.6	Additional 6" Waterline	20	LF	71.00	45.00	116.00	2,320.00	31.00	57.00	88.00	1,760.00
N.7	Additional 8" Waterline	20	LF	66.00	54.00	120.00	2,400.00	36.00	52.00	88.00	1,760.00
N.8	6" Insert Valve	1	EA	5,880.00	2,940.00	8,820.00	8,820.00	2,268.00	6,264.00	8,532.00	8,532.00
N.9	6" Gate Valve	1	EA	255.00	900.00	1,155.00	1,155.00	162.00	972.00	1,134.00	1,134.00
N.10	8" Gate Valve	1	EA	275.00	1,250.00	1,525.00	1,525.00	216.00	1,512.00	1,728.00	1,728.00
	<b>ADD ALTERNATE: SITE O REPLACE 36-INCH WATER MAIN</b>										
O.1	36" Waterline	2,900	LF	94.00	166.00	260.00	754,000.00	134.00	201.00	335.00	971,500.00
	Contingency Items As Directed										
O.2	36" Line Stop	4	EA	58,700.00	16,300.00	75,000.00	300,000.00	43,200.00	30,240.00	73,440.00	293,760.00
	<b>ADD ALTERNATE: SITE P REPLACE 36-INCH WATER MAIN</b>										
P.1	36" Waterline	4,000	LF	93.00	161.50	254.50	1,018,000.00	128.00	177.00	305.00	1,220,000.00
P.2	12" HDPE Culvert	160	LF	13.50	12.75	26.25	4,200.00	19.00	13.00	32.00	5,120.00
P.3	15" HDPE Culvert	90	LF	14.50	18.00	32.50	2,925.00	19.00	17.00	36.00	3,240.00
	<b>ADD ALTERNATE: SITE Q REPLACE 36-INCH WATER MAIN</b>										
Q.1	36" Waterline	2,900	LF	200.00	265.00	465.00	1,348,500.00	212.00	309.00	521.00	1,510,900.00
Q.2	36" Line Stop	4	EA	55,200.00	16,300.00	71,500.00	286,000.00	43,200.00	30,240.00	73,440.00	293,760.00
<b>Total Bid Amount - Alternates</b>							<b>\$4,457,115.00</b>				<b>\$5,114,108.00</b>