

JUNE 15, 2022

THE FOLLOWING BID PROPOSALS FOR FITTING \$, REPAIR PARTS, SERVICE EQUIPMENT AND TOOLS FOR THE LAKE COUNTY UTILITIES DEPARTMENT WERE RECEIVED BY THE BOARD OF LAKE COUNTY COMMISSIONERS ON WEDNESDAY, JUNE 15, 2022, AT 11:00 AM:

PROPOSAL

PIPELINE INC.

SEE ATTACHMENTS INFORMAL BID AMOUNTS

BID BOND                      YES

PROPOSAL

CORE AND MAIN

SEE ATTACHMENTS INFORMAL BID AMOUNTS

BID BOND                      YES

PROPOSAL

WINWATER OF AKRON

SEE ATTACHMENTS INFORMAL BID AMOUNTS

BID BOND                      YES

**SPECIFICATIONS  
FOR FITTINGS, REPAIR PARTS, SERVICE EQUIPMENT AND TOOLS**

**FITTINGS, REPAIR PARTS, SERVICE EQUIPMENT AND TOOLS TO BE PURCHASED**

Lake County Sewer and Water District expects to purchase the following quantities of fittings, repair parts, service equipment and tools on an as needed basis. **THE BIDDER WITH THE LOWEST TOTAL ON GROUPED ITEMS WILL RECEIVE THE BID FOR THAT ENTIRE GROUP.** Quantities are the estimated annual amounts more or less we expect to purchase. Minimum orders can be four (4) of any size or combination thereof. The width shall not be less than that called for in the schedule of items. Each repair part shall be marked with nominal pipe size, tap size and type of pipe. All fittings and repair parts must be in compliance with the "Reduction of Lead in Drinking Water Act" all brass products must meet the "Lead Free" standards as defined under Public Law 111-380.

<b>PIPE REPAIR CLAMPS</b>		<b>*AS LISTED OR APPROVED EQUAL</b>		<b>UNIT PRICE</b>	
<b>OD RANGE 4.74-5.14 + OD 4.95-5.35</b>					
1A	4" x 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	169.12	<b>GROUP 1</b>
2A	4" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	189.75	
3A	4" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	335.05	
4A	4" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	359.46	
<b>OD RANGE 6.84- 7.24</b>					
5A	6" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	179.47	<b>GROUP 2</b>
6A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	202.82	
7A	6" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	351.64	
8A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	374.73	
9A	6" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	553.21	
<b>OD RANGE 8.99- 9.39</b>					
10A	8" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	191.96	<b>GROUP 3</b>
11A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	213.85	
12A	8" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	381.89	
13A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	415.67	
14A	8" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	628.40	
<b>OD RANGE 11.04 - 11.44</b>					
15A	10" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	244.17	<b>GROUP 4</b>
16A	10" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	258.76	
17A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	485.80	
18A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	514.77	
19A	10" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	754.10	

PIPE REPAIR CLAMPS		*AS LISTED OR APPROVED EQUAL		UNIT PRICE
OD RANGE 13.10 - 13.50				
20A	12" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	274.57
21A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	279.61
22A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	546.25
23A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	580.03
24A	12" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	845.96

GROUP 5

PIPE REPAIR CLAMPS FOR AC PIPE AS LISTED OR APPROVED EQUAL				UNIT PRICE
OD RANGE 7.05 - 7.45				
25A	6" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	181.36
26A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	204.37
27A	6" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	357.72
28A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	380.14
29A	6" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	570.42
30A	6" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	578.15

GROUP 6

				OD RANGE 9.27 - 9.67
31A	8" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	202.26
32A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	232.05
33A	8" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	395.74
34A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	424.49
35A	8" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	645.33
36A	8" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	679.03

GROUP 7

				OD RANGE 11.04 - 12.24
37A	10" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	119.07
38A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	739.60
39A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	827.73
40A	10" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	1,289.08
41A	10" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	1,307.72

GROUP 8

				OD RANGE 14.00 - 14.40
42A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	371.28
43A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	565.57
44A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	598.05
45A	12" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	877.37
46A	12" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	920.98

GROUP 9

**PIPE REPAIR COUPLINGS \*AS LISTED OR APPROVED EQUAL**

1B	4"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	20 MORE OR LESS	169.34	GROUP 10
2B	6"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	50 MORE OR LESS	201.46	
3B	8"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	30 MORE OR LESS	256.91	
4B	10"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	10 MORE OR LESS	332.08	
5B	12"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	15 MORE OR LESS	406.66	

**M.J. TEE BOLTS WITH NUT 304 OR 316**

1C	3/4" X 4"	STAINLESS STEEL	500 MORE OR LESS	6.20	GROUP 11
2C	3/4" X 4-1/2"	STAINLESS STEEL	500 MORE OR LESS	6.60	
3C	3/4" X 4" ANTI-ROTATING	STAINLESS STEEL	500 MORE OR LESS	12.95	
4C	3/4" X 4-1/2" ANTI-ROTATING	STAINLESS STEEL	500 MORE OR LESS	12.95	

**VALVE BOXES \*AS LISTED OR APPROVED EQUAL UNIT PRICE**

1D	C 5-1/4"	HEAVY DUTY VALVE BOX W/ SLOTTED LID COMPLETE	30 MORE OR LESS	160.76	GROUP 12
2D	#22	NON TRAFFIC VALVE BOX COMPLETE	30 MORE OR LESS	146.49	
3D	C 5-1/4" 16"	TOP SECTION HDVB6301-16 W/ SLOTTED LID	30 MORE OR LESS	51.86	
4D	C 5-1/4" 26"	TOP SECTION HDVB6301-26 W/ SLOTTED LID	30 MORE OR LESS	78.00	
5D	12" THRU 18"	VALVE BOX BOTTOM SECTION FOR 5-1/4"	30 MORE OR LESS	41.03	
6D	24" THRU 36"	VALVE BOX BOTTOM SECTION FOR 5-1/4"	30 MORE OR LESS	58.95	
7D	C 5-1/4"	SLOTTED VALVE BOX LIDS	30 MORE OR LESS	15.60	GRP 13
8D	#6	VALVE BOX BASE/BONETT FOR 5 1/4"	30 MORE OR LESS	58.02	

**ROUND VALVE BOX RISERS FOR C 5-1/4" VALVE BOXES**

1E	1"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	21.88	GROUP 14
2E	2"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	28.54	
3E	3"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	37.10	
4E	4"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	41.85	
5E	5"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	57.03	
6E	6"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	57.07	

CURB BOXES		AS LISTED OR APPROVED EQUAL		UNIT PRICE	
1F	CURB STOP BOX COMPLETE	94E	30 MORE OR LESS	70.39	GROUP 15
2F	16" EXTENSION	FOR 94E CURB STOP BOX	20 MORE OR LESS	22.83	
3F	TOP SECTION	FOR 94E CURB STOP BOX	30 MORE OR LESS	36.15	
4F	TOP SECTION	101 CLEVELAND	30 MORE OR LESS	42.80	
5F	CURB STOP BOX LID W/ BOLT	FOR 94E CURB BOX	30 MORE OR LESS	14.63	GROUP 16
6F	REPAIR LID 2-1/2" INNER-36701GF	FOR 94E CURB BOX	30 MORE OR LESS	19.50	
7F	REPAIR LID 2-1/2" OUTER	FOR 94E CURB BOX	30 MORE OR LESS	19.50	
<b>100% BRONZE MUELLER SERVICE SADDLES ONLY</b>					
1G	4" X 1" CC	MUELLER BR2B	20 MORE OR LESS	148.81	GROUP 17
2G	6" X 1" CC	MUELLER BR2B	20 MORE OR LESS	175.28	
3G	8" X 1" CC	MUELLER BR2B	20 MORE OR LESS	216.97	
4G	10" X 1" CC	MUELLER BR2B	20 MORE OR LESS	268.80	
5G	12" X 1" CC	MUELLER BR2B	20 MORE OR LESS	314.64	
<b>CORPORATION STOPS</b>		<b>AS LISTED OR APPROVED EQUAL</b>		<b>UNIT PRICE</b>	
1H	3/4" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	49.47	GROUP 18
2H	1" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	75.50	
3H	1-1/2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	216.66	
4H	2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	397.57	
5H	1" M X 3/4" FM BRASS BUSHING	BBAA-43	75 MORE OR LESS	61.88	GRP 19
6H	2" M X 1 1/2" FM BRASS BUSHING	BBAA-76	10 MORE OR LESS	103.42	
7H	1" X 3/4" PIGGY BACK NUT	COZ-43	50 MORE OR LESS	34.76	
1I	3/4"	C22-33	100 MORE OR LESS	29.27	GROUP 20
2I	1"	C22-44	50 MORE OR LESS	51.23	
3I	3/4" X 1"	C22-34	10 MORE OR LESS	42.42	
4I	1-1/2"	H-15400	10 MORE OR LESS	155.00	GROUP 21
5I	2"	C22-77	10 MORE OR LESS	252.92	
<b>CURB STOPS FLARE TO FLARE AS LISTED OR APPROVED EQUAL</b>					
1J	3/4"	B22-333	50 MORE OR LESS	118.05	GROUP 22
2J	1"	B22-444	25 MORE OR LESS	163.09	
3J	1-1/2"	B22-666	10 MORE OR LESS	398.90	GROUP 23
4J	2"	B22-77 L	10 MORE OR LESS	653.00	

## SERVILE INSTALLATION PARTS

## AS LISTED OR APPROVED EQUAL

1K	3/4" ANGLE YOKE VALVE	AV-92-323	50 MORE OR LESS	132.76	GROUP 24
2K	3/4" EPOXY COATED YOKE	Y-502	50 MORE OR LESS	19.39	
3K	3/4" ANGLE YOKE ELLS	L-92-233	50 MORE OR LESS	42.66	
4K	1" ANGLE YOKE VALVE	AV-92-444	50 MORE OR LESS	198.83	GROUP 25
5K	1" EPOXY COATED YOKE	Y-504	50 MORE OR LESS	31.42	
6K	1" ANGLE YOKE ELLS	L-92-444	50 MORE OR LESS	86.19	
7K	1-1/2" FLANGE X FLARE ANGLE VALVE	FV23-666W	10 MORE OR LESS	314.79	GROUP 26
8K	1-1/2" FLANGE X FLARE ANGLE ELL	LF32-66	10 MORE OR LESS		
9K	3/4" EXPANSION CONNECTOR	EC-23	100 MORE OR LESS	33.71	GROUP 27
10K	1" EXPANSION CONNECTOR	EC-4	100 MORE OR LESS	60.18	
11K	5/8" X 3/4" X 2-1/2" METER CONNECTOR	C-38-23-2-5	200 MORE OR LESS	18.60	GROUP 28
12K	5/8" X 3/4" X 2" METER CONNECTOR	C-38-23-2	200 MORE OR LESS	17.01	
13K	1" X 2.625" METER CONNECTOR	C-38-44-2-625	100 MORE OR LESS	24.33	
14K	2" METER FLANGE X FIP	AY-7610F	100 MORE OR LESS	101.88	GROUP P 29
15K	METER BOX COVER & LID	C-32-T	100 MORE OR LESS	89.63	GROUP 30
16K	METER BOX LID ONLY	C3L-T 11.5"	50 MORE OR LESS	55.34	
17K	18" X 24" EXPANSION RING	FORD #1	75 MORE OR LESS	69.07	
18K	METER VAULT ELEVATOR RING 3"	ER3CX-C14512-001	50 MORE OR LESS		
19K	18" X 30" PVC METER VAULT		75 MORE OR LESS		GROUP 31
20K	24" X 30" PVC METER VAULT		75 MORE OR LESS		
<b>TOOLS</b>					
1L	3/4" MUELLER DRILL & TAP CC THREAD	#680539	12 MORE OR LESS	231.45	GROUP 32
2L	1" MUELLER DRILL & TAP CC THREAD	#680540	6 MORE OR LESS	307.50	
3L	1-1/2" DRILL & TAP	#681488	6 MORE OR LESS	748.89	
4L	2" DRILL & TAP	#681489	6 MORE OR LESS	1,051.41	

**MUELLER GATE VALVES ALL OL ALL 304 OR 316 SS**

1M	4" MUELLER GATE VALVE	A2360	12 MORE OR LESS	642.62	GROUP 33
2M	4" MUELLER OVERSIZED VALVE ONLY	OS-040C236042LN	12 MORE OR LESS	1,245.24	
3M	6" MUELLER	A2360	12 MORE OR LESS	819.67	
4M	8" MUELLER	A2360	12 MORE OR LESS	1,305.47	

**MARKING PAINT AS LISTED OR APPROVED EQUAL**

1N	KRYLON INDUSTRIAL QUICK MARK APWA WATER BASED	WHITE #A03901	100 CASES MORE OR LESS	6.36	GROUP 34
2N	KRYLON INDUSTRIAL QUICK MARK APWA WATER BASED	BLUE #A03903	100 CASES MORE OR LESS	6.36	

**PVCO PIPE AS LISTED OR APPROVED EQUAL**

10	6" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	80' MORE OR LESS	14.72	GROUP 35
20	8" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	100' MORE OR LESS	25.23	
30	10" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	20' MORE OR LESS	37.86	
40	12" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	40' MORE OR LESS	53.30	

**PIPELINES, INC.**

**SPECIFICATIONS  
FOR FITTINGS, REPAIR PARTS, SERVICE EQUIPMENT AND TOOLS**

FITTINGS, REPAIR PARTS, SERVICE EQUIPMENT AND TOOLS TO BE PURCHASED

Lake County Sewer and Water District expects to purchase the following quantities of fittings, repair parts, service equipment and tools on an as needed basis. **THE BIDDER WITH THE LOWEST TOTAL ON GROUPED ITEMS WILL RECEIVE THE BID FOR THAT ENTIRE GROUP.** Quantities are the estimated annual amounts more or less we expect to purchase. Minimum orders can be four (4) of any size or combination thereof. The width shall not be less than that called for in the schedule of items. Each repair part shall be marked with nominal pipe size, tap size and type of pipe. All fittings and repair parts must be in compliance with the "Reduction of Lead in Drinking Water Act" all brass products must meet the "Lead Free" standards as defined under Public Law 111-380.

**PIPE REPAIR CLAMPS      \*AS LISTED OR APPROVED EQUAL      UNIT PRICE**

				OD RANGE 4.74-5.14 + OD 4.95-5.35		4.74-5.14	4.95-5.35	
1A	4" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	165.85	166.26			GROUP 1
2A	4" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	186.07	191.05			
3A	4" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	328.56	329.54			
4A	4" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	352.49	353.50			
				OD RANGE 6.84- 7.24				GROUP 2
5A	6" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	174.16				
6A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	197.16				
7A	6" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	344.81				
8A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	366.19				
9A	6" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	542.48				
				OD RANGE 8.99- 9.39				GROUP 3
10A	8" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	187.25				
11A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	207.89				
12A	8" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	374.48				
13A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	406.19				
14A	8" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	616.21				
				OD RANGE 11.04 - 11.44				GROUP 4
15A	10" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	238.18				
16A	10" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	251.54				
17A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	476.38				
18A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	503.03				
19A	10" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	739.48				



**PIPE REPAIR CLAMPS**

**\*AS LISTED OR APPROVED EQUAL**

**UNIT PRICE**

OD RANGE 13.10 - 13.50				
20A	12" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	267.84
21A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	271.81
22A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	535.66
23A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	566.81
24A	12" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	829.54

GROUP 5

**PIPE REPAIR CLAMPS FOR AC PIPE AS LISTED OR APPROVED EQUAL**

**UNIT PRICE**

OD RANGE 7.05 - 7.45				
25A	6" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	175.99
26A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	198.67
27A	6" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	350.78
28A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	371.46
29A	6" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	559.35
30A	6" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	564.96

GROUP 6

OD RANGE 9.27 - 9.67				
31A	8" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	197.31
32A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	225.58
33A	8" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	388.06
34A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	416.25
35A	8" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	632.81
36A	8" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	663.55

GROUP 7

OD RANGE 11.04 - 12.24					11.34-11.75	11.75-12.15	11.60-12.40
37A	10" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	251.10	258.54	737.43	
38A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	483.48	495.34	725.25	
39A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	496.40	508.01	811.67	
40A	10" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	718.58	767.89	1,264.07	
41A	10" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	727.25	772.43	1,277.89	

GROUP 8

OD RANGE 14.00 - 14.40				
42A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	281.38
43A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	554.60
44A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	586.45
45A	12" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	860.34
46A	12" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	899.97

GROUP 9

**PIPE REPAIR COUPLINGS \*AS LISTED OR APPROVED EQUAL**

1B	4"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	20 MORE OR LESS	155.68	GROUP 10
2B	6"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	50 MORE OR LESS	185.21	
3B	8"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	30 MORE OR LESS	236.18	
4B	10"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	10 MORE OR LESS	304.23	
5B	12"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	15 MORE OR LESS	371.08	

**M.J. TEE BOLTS WITH NUT 304 OR 316**

1C	3/4" X 4"	STAINLESS STEEL	500 MORE OR LESS	6.15	GROUP 11
2C	3/4" X 4-1/2"	STAINLESS STEEL	500 MORE OR LESS	6.90	
3C	3/4" X 4" ANTI-ROTATING	STAINLESS STEEL	500 MORE OR LESS	6.65	
4C	3/4" X 4-1/2" ANTI-ROTATING	STAINLESS STEEL	500 MORE OR LESS	7.15	

**VALVE BOXES \*AS LISTED OR APPROVED EQUAL UNIT PRICE**

1D	C 5-1/4"	HEAVY DUTY VALVE BOX W/ SLOTTED LID COMPLETE	30 MORE OR LESS	180.58	GROUP 12
2D	#22	NON TRAFFIC VALVE BOX COMPLETE	30 MORE OR LESS	173.44	
3D	C 5-1/4" 16"	TOP SECTION HDVB6301-16 W/ SLOTTED LID	30 MORE OR LESS	54.15	
4D	C 5-1/4" 26"	TOP SECTION HDVB6301-26 W/ SLOTTED LID	30 MORE OR LESS	74.51	
5D	12" THRU 18"	VALVE BOX BOTTOM SECTION FOR 5-1/4"	30 MORE OR LESS	57.05	
6D	24" THRU 36"	VALVE BOX BOTTOM SECTION FOR 5-1/4"	30 MORE OR LESS	65.20	
7D	C 5-1/4"	SLOTTED VALVE BOX LIDS	30 MORE OR LESS	18.63	GRP 13
8D	#6	VALVE BOX BASE/BONETT FOR 5 1/4"	30 MORE OR LESS	69.98	

**ROUND VALVE BOX RISERS FOR C 5-1/4" VALVE BOXES**

1E	1"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	21.25	GROUP 14
2E	2"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	27.50	
3E	3"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	30.00	
4E	4"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	46.25	
5E	5"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	50.63	
6E	6"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	58.75	

CURB BOXES		AS LISTED OR APPROVED EQUAL		UNIT PRICE	GROUP 15
1F	CURB STOP BOX COMPLETE	94E	30 MORE OR LESS	75.95	
2F	16" EXTENSION	FOR 94E CURB STOP BOX	20 MORE OR LESS	24.96	
3F	TOP SECTION	FOR 94E CURB STOP BOX	30 MORE OR LESS	42.35	
4F	TOP SECTION	101 CLEVELAND	30 MORE OR LESS	46.80	

5F	CURB STOP BOX LID W/ BOLT	FOR 94E CURB BOX	30 MORE OR LESS	9.75	GROUP 16
6F	REPAIR LID 2-1/2" INNER-36701GF	FOR 94E CURB BOX	30 MORE OR LESS	22.95	
7F	REPAIR LID 2-1/2" OUTER	FOR 94E CURB BOX	30 MORE OR LESS	22.95	

**100% BRONZE MUELLER SERVICE SADDLES ONLY**

1G	4" X 1" CC	MUELLER BR2B	20 MORE OR LESS	137.80	GROUP 17
2G	6" X 1" CC	MUELLER BR2B	20 MORE OR LESS	162.28	
3G	8" X 1" CC	MUELLER BR2B	20 MORE OR LESS	200.92	
4G	10" X 1" CC	MUELLER BR2B	20 MORE OR LESS	248.92	
5G	12" X 1" CC	MUELLER BR2B	20 MORE OR LESS	291.37	

**CORPORATION STOPS AS LISTED OR APPROVED EQUAL UNIT PRICE**

1H	3/4" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	29.48	GROUP 18
2H	1" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	45.50	
3H	1-1/2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	138.21	
4H	2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	241.45	

5H	1" M X 3/4" FM BRASS BUSHING	BBAA-43	75 MORE OR LESS	12.35	GRP 19
6H	2" M X 1 1/2" FM BRASS BUSHING	BBAA-76	10 MORE OR LESS	40.67	
7H	1" X 3/4" PIGGY BACK NUT	COZ-43	50 MORE OR LESS	19.57	

1I	3/4"	C22-33	100 MORE OR LESS	16.51	GROUP 20
2I	1"	C22-44	50 MORE OR LESS	28.88	
3I	3/4" X 1"	C22-34	10 MORE OR LESS	24.43	

4I	1-1/2"	H-15400	10 MORE OR LESS	86.70	GROUP 21
5I	2"	C22-77	10 MORE OR LESS	141.43	

**CURB STOPS FLARE TO FLARE AS LISTED OR APPROVED EQUAL**

1J	3/4"	B22-333	50 MORE OR LESS	65.72	GROUP 22
2J	1"	B22-444	25 MORE OR LESS	90.77	

3J	1-1/2"	B22-666	10 MORE OR LESS	220.45	GROUP 23
4J	2"	B22-77 L	10 MORE OR LESS	360.86	

SERVICE INSTALLATION PARTS		AS LISTED OR APPROVED EQUAL			
1K	3/4" ANGLE YOKE VALVE	AV-92-323	50 MORE OR LESS	32.05	GROUP 24
2K	3/4" EPOXY COATED YOKE	Y-502	50 MORE OR LESS	11.80	
3K	3/4" ANGLE YOKE ELLS	L-92-233	50 MORE OR LESS	13.60	
4K	1" ANGLE YOKE VALVE	AV-92-444	50 MORE OR LESS	49.34	GROUP 25
5K	1" EPOXY COATED YOKE	Y-504	50 MORE OR LESS	21.28	
6K	1" ANGLE YOKE ELLS	L-92-444	50 MORE OR LESS	23.77	
7K	1-1/2" FLANGE X FLARE ANGLE VALVE	FV23-666W	10 MORE OR LESS	180.05	GROUP 26
8K	1-1/2" FLANGE X FLARE ANGLE ELL	LF32-66	10 MORE OR LESS	111.34	
9K	3/4" EXPANSION CONNECTOR	EC-23	100 MORE OR LESS	19.63	GROUP 27
10K	1" EXPANSION CONNECTOR	EC-4	100 MORE OR LESS	32.97	
11K	5/8" X 3/4" X 2-1/2" METER CONNECTOR	C-38-23-2-5	200 MORE OR LESS	9.54	GROUP 28
12K	5/8" X 3/4" X 2" METER CONNECTOR	C-38-23-2	200 MORE OR LESS	9.44	
13K	1" X 2.625" METER CONNECTOR	C-38-44-2-625	100 MORE OR LESS	14.68	
14K	2" METER FLANGE X FIP	AY-7610F	100 MORE OR LESS	55.42	GROUP P 29
15K	METER BOX COVER & LID	C-32-T	100 MORE OR LESS	79.12	GROUP 30
16K	METER BOX LID ONLY	C3L-T 11.5"	50 MORE OR LESS	38.29	
17K	18" X 24" EXPANSION RING	FORD #1	75 MORE OR LESS	101.09	
18K	METER VAULT ELEVATOR RING 3"	ER3CX-C14512-001	50 MORE OR LESS	38.53	
19K	18" X 30" PVC METER VAULT		75 MORE OR LESS	No Bid	GROUP 31
20K	24" X 30" PVC METER VAULT		75 MORE OR LESS	No Bid	
<b>TOOLS</b>					
1L	3/4" MUELLER DRILL & TAP CC THREAD	#680539	12 MORE OR LESS	194.91	GROUP 32
2L	1" MUELLER DRILL & TAP CC THREAD	#680540	6 MORE OR LESS	258.95	
3L	1-1/2" DRILL & TAP	#681488	6 MORE OR LESS	630.65	
4L	2" DRILL & TAP	#681489	6 MORE OR LESS	885.41	

**MUELLER GATE VALVES ALL OL ALL 304 OR 316 SS**

1M	4" MUELLER GATE VALVE	A2360	12 MORE OR LESS	622.13	GROUP 33
2M	4" MUELLER OVERSIZED VALVE ONLY	OS-040C236042LN	12 MORE OR LESS	1169.00	
3M	6" MUELLER	A2360	12 MORE OR LESS	785.53	
4M	8" MUELLER	A2360	12 MORE OR LESS	1251.08	

**MARKING PAINT AS LISTED OR APPROVED EQUAL**

1N	KRYLON INDUSTRIAL QUICK MARK APWA WATER BASED	WHITE #A03901	100 CASES MORE OR LESS	48.60	12 per case	GROUP 34
2N	KRYLON INDUSTRIAL QUICK MARK APWA WATER BASED	BLUE #A03903	100 CASES MORE OR LESS	48.60	12 per case	

**PVCO PIPE AS LISTED OR APPROVED EQUAL DR18 235PSI**

1O	6" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	80' MORE OR LESS	19.58	per foot	GROUP 35
2O	8" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	100' MORE OR LESS	33.53	per foot	
3O	10" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	20' MORE OR LESS	50.32	per foot	
4O	12" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	40' MORE OR LESS	70.83	per foot	

**SPECIFICATIONS  
FOR FITTINGS, REPAIR PARTS, SERVICE EQUIPMENT AND TOOLS**

FITTINGS, REPAIR PARTS, SERVICE EQUIPMENT AND TOOLS TO BE PURCHASED

Lake County Sewer and Water District expects to purchase the following quantities of fittings, repair parts, service equipment and tools on an as needed basis. **THE BIDDER WITH THE LOWEST TOTAL ON GROUPED ITEMS WILL RECEIVE THE BID FOR THAT ENTIRE GROUP.** Quantities are the estimated annual amounts more or less we expect to purchase. Minimum orders can be four (4) of any size or combination thereof. The width shall not be less than that called for in the schedule of items. Each repair part shall be marked with nominal pipe size, tap size and type of pipe. All fittings and repair parts must be in compliance with the "Reduction of Lead in Drinking Water Act" all brass products must meet the "Lead Free" standards as defined under Public Law 111-380.

PIPE REPAIR CLAMPS		*AS LISTED OR APPROVED EQUAL		UNIT PRICE	
OD RANGE 4.74-5.14 + OD 4.95-5.35					
1A	4" x 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	171.30	GROUP 1
2A	4" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	196.85	
3A	4" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	339.60	
4A	4" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	364.28	
OD RANGE 6.84- 7.24					
5A	6" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	179.45	GROUP 2
6A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	203.88	
7A	6" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	355.33	
8A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	378.67	
9A	6" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	558.94	
OD RANGE 8.99- 9.39					
10A	8" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	192.96	GROUP 3
11A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	214.97	
12A	8" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	385.90	
13A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	420.00	
14A	8" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	647.73	
OD RANGE 11.04 - 11.44					
15A	10" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	245.45	GROUP 4
16A	10" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	260.12	
17A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	490.90	
18A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	520.20	
19A	10" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	762.00	

PIPE REPAIR CLAMPS		*AS LISTED OR APPROVED EQUAL		UNIT PRICE
OD RANGE 13.10 - 13.50				
20A	12" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	276.00
21A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	281.00
22A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	552.00
23A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	586.15
24A	12" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	864.30

GROUP 5

PIPE REPAIR CLAMPS FOR AC PIPE AS LISTED OR APPROVED EQUAL				UNIT PRICE
OD RANGE 7.05 - 7.45				
25A	6" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	181.35
26A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	205.44
27A	6" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	361.48
28A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	384.18
29A	6" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	576.00
30A	6" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	584.20

GROUP 6

				UNIT PRICE
OD RANGE 9.27 - 9.67				
31A	8" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	203.30
32A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	233.25
33A	8" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	399.90
34A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	428.95
35A	8" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	652.12
36A	8" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	686.18

GROUP 7

				UNIT PRICE
OD RANGE 11.04 - 12.24				
37A	10" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	NQ
38A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	NQ
39A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	NQ
40A	10" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	NQ
41A	10" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	NQ

GROUP 8

				UNIT PRICE
OD RANGE 14.00 - 14.40				
42A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	NQ
43A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	571.50
44A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	604.35
45A	12" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	886.60
46A	12" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	930.67

GROUP 9

PIPE REPAIR COUPLINGS		*AS LISTED OR APPROVED EQUAL		
1B	4"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	20 MORE OR LESS	160.45
2B	6"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	50 MORE OR LESS	190.85
3B	8"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	30 MORE OR LESS	243.35
4B	10"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	10 MORE OR LESS	314.46
5B	12"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	15 MORE OR LESS	382.40

GROUP 10

**M.J. TEE BOLTS WITH NUT 304 OR 316**

1C	3/4" X 4"	STAINLESS STEEL	500 MORE OR LESS	4.70
2C	3/4" X 4-1/2"	STAINLESS STEEL	500 MORE OR LESS	6.50
3C	3/4" X 4" ANTI-ROTATING	STAINLESS STEEL	500 MORE OR LESS	13.70
4C	3/4" X 4-1/2" ANTI-ROTATING	STAINLESS STEEL	500 MORE OR LESS	24.55

GROUP 11

**VALVE BOXES \*AS LISTED OR APPROVED EQUAL UNIT PRICE**

1D	C 5-1/4"	HEAVY DUTY VALVE BOX W/ SLOTTED LID COMPLETE	30 MORE OR LESS	179.50
2D	#22	NON TRAFFIC VALVE BOX COMPLETE	30 MORE OR LESS	143.00
3D	C 5-1/4" 16"	TOP SECTION HDVB6301-16 W/ SLOTTED LID	30 MORE OR LESS	89.00
4D	C 5-1/4" 26"	TOP SECTION HDVB6301-26 W/ SLOTTED LID	30 MORE OR LESS	103.00
5D	12" THRU 18"	VALVE BOX BOTTOM SECTION FOR 5-1/4"	30 MORE OR LESS	70.00
6D	24" THRU 36"	VALVE BOX BOTTOM SECTION FOR 5-1/4"	30 MORE OR LESS	90.00
7D	C 5-1/4"	SLOTTED VALVE BOX LIDS	30 MORE OR LESS	22.00
8D	#6	VALVE BOX BASE/BONETT FOR 5-1/4"	30 MORE OR LESS	70.00

GROUP 12

GRP 13

**ROUND VALVE BOX RISERS FOR C 5-1/4" VALVE BOXES**

1E	1"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	18.00
2E	2"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	23.50
3E	3"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	25.25
4E	4"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	39.00
5E	5"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	42.65
6E	6"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	49.50

GROUP 14



CURB BOXES		AS LISTED OR APPROVED EQUAL		UNIT PRICE	
1F	CURB STOP BOX COMPLETE	94E	30 MORE OR LESS	77.90	GROUP 15
2F	16" EXTENSION	FOR 94E CURB STOP BOX	20 MORE OR LESS	33.15	
3F	TOP SECTION	FOR 94E CURB STOP BOX	30 MORE OR LESS	45.00	
4F	TOP SECTION	101 CLEVELAND	30 MORE OR LESS	49.00	
5F	CURB STOP BOX LID W/ BOLT	FOR 94E CURB BOX	30 MORE OR LESS	14.75	GROUP 16
6F	REPAIR LID 2-1/2" INNER-36701GF	FOR 94E CURB BOX	30 MORE OR LESS	27.00	
7F	REPAIR LID 2-1/2" OUTER	FOR 94E CURB BOX	30 MORE OR LESS	27.00	
<b>100% BRONZE MUELLER SERVICE SADDLES ONLY</b>					
1G	4" X 1" CC	MUELLER BR2B	20 MORE OR LESS	NA	GROUP 17
2G	6" X 1" CC	MUELLER BR2B	20 MORE OR LESS	NA	
3G	8" X 1" CC	MUELLER BR2B	20 MORE OR LESS	NA	
4G	10" X 1" CC	MUELLER BR2B	20 MORE OR LESS	NA	
5G	12" X 1" CC	MUELLER BR2B	20 MORE OR LESS	NA	
<b>CORPORATION STOPS</b>		<b>AS LISTED OR APPROVED EQUAL</b>		<b>UNIT PRICE</b>	
1H	3/4" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	34.90	GROUP 18
2H	1" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	53.45	
3H	1-1/2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	159.00	
4H	2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	278.00	
5H	1" M X 3/4" FM BRASS BUSHING	BBAA-43	75 MORE OR LESS	14.50	GRP 19
6H	2" M X 1 1/2" FM BRASS BUSHING	BBAA-76	10 MORE OR LESS	47.80	
7H	1" X 3/4" PIGGY BACK NUT	COZ-43	50 MORE OR LESS	22.95	
1I	3/4"	C22-33	100 MORE OR LESS	19.35	GROUP 20
2I	1"	C22-44	50 MORE OR LESS	33.90	
3I	3/4" X 1"	C22-34	10 MORE OR LESS	27.90	
4I	1-1/2"	H-15400	10 MORE OR LESS	102.00	GROUP 21
5I	2"	C22-77	10 MORE OR LESS	166.00	
<b>CURB STOPS FLARE TO FLARE AS LISTED OR APPROVED EQUAL</b>					
1J	3/4"	B22-333	50 MORE OR LESS	77.35	GROUP 22
2J	1"	B22-444	25 MORE OR LESS	106.75	
3J	1-1/2"	B22-666	10 MORE OR LESS	259.40	GROUP 23
4J	2"	B22-77 L	10 MORE OR LESS	452.10	

**SERVICE INSTALLATION PARTS**

**AS LISTED OR APPROVED EQUAL**

1K	3/4" ANGLE YOKE VALVE	AV-92-323	50 MORE OR LESS	38.10	GROUP 24
2K	3/4" EPOXY COATED YOKE	Y-502	50 MORE OR LESS	12.99	
3K	3/4" ANGLE YOKE ELLS	L-92-233	50 MORE OR LESS	16.01	
4K	1" ANGLE YOKE VALVE	AV-92-444	50 MORE OR LESS	56.68	GROUP 25
5K	1" EPOXY COATED YOKE	Y-504	50 MORE OR LESS	23.55	
6K	1" ANGLE YOKE ELLS	L-92-444	50 MORE OR LESS	28.18	
7K	1-1/2" FLANGE X FLARE ANGLE VALVE	FV23-666W	10 MORE OR LESS	785.00	GROUP 26
8K	1-1/2" FLANGE X FLARE ANGLE ELL	LF32-66	10 MORE OR LESS	NA	
9K	3/4" EXPANSION CONNECTOR	EC-23	100 MORE OR LESS	23.25	GROUP 27
10K	1" EXPANSION CONNECTOR	EC-4	100 MORE OR LESS	29.19	
11K	5/8" X 3/4" X 2-1/2" METER CONNECTOR	C-38-23-2-5	200 MORE OR LESS	11.20	GROUP 28
12K	5/8" X 3/4" X 2" METER CONNECTOR	C-38-23-2	200 MORE OR LESS	11.20	
13K	1" X 2.625" METER CONNECTOR	C-38-44-2-625	100 MORE OR LESS	17.25	
14K	2" METER FLANGE X FIP	AY-7610F	100 MORE OR LESS	65.85	GROUP P 29
15K	METER BOX COVER & LID	C-32-T	100 MORE OR LESS	86.15	GROUP 30
16K	METER BOX LID ONLY	C3L-T 11.5"	50 MORE OR LESS	41.70	
17K	18" X 24" EXPANSION RING	FORD #1	75 MORE OR LESS	110.75	
18K	METER VAULT ELEVATOR RING 3"	ER3CX-C14512-001	50 MORE OR LESS	N.A.	
19K	18" X 30" PVC METER VAULT		75 MORE OR LESS	NA	GROUP 31
20K	24" X 30" PVC METER VAULT		75 MORE OR LESS	NA	
<b>TOOLS</b>					
1L	3/4" MUELLER DRILL & TAP CC THREAD	#680539	12 MORE OR LESS	NA	GROUP 32
2L	1" MUELLER DRILL & TAP CC THREAD	#680540	6 MORE OR LESS	NA	
3L	1-1/2" DRILL & TAP	#681488	6 MORE OR LESS	NA	
4L	2" DRILL & TAP	#681489	6 MORE OR LESS	NA	

**MUELLER GATE VALVES ALL OL ALL 304 OR 316 SS**

1M	4" MUELLER GATE VALVE	A2360	12 MORE OR LESS	NA	GROUP 33
2M	4" MUELLER OVERSIZED VALVE ONLY	OS-040C236042LN	12 MORE OR LESS	NA	
3M	6" MUELLER	A2360	12 MORE OR LESS	NA	
4M	8" MUELLER	A2360	12 MORE OR LESS	NA	

**MARKING PAINT AS LISTED OR APPROVED EQUAL**

1N	KRYLON INDUSTRIAL QUICK MARK APWA WATER BASED	WHITE #A03901	100 CASES MORE OR LESS	5.75 EA	GROUP 34
2N	KRYLON INDUSTRIAL QUICK MARK APWA WATER BASED	BLUE #A03903	100 CASES MORE OR LESS	5.75 EA	

**PVCO PIPE AS LISTED OR APPROVED EQUAL**

1O	6" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	80' MORE OR LESS	NA	GROUP 35
2O	8" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	100' MORE OR LESS	NA	
3O	10" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	20' MORE OR LESS	NA	
4O	12" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	40' MORE OR LESS	NA	