

MAY 5, 2021

THE FOLLOWING BID PROPOSALS FOR FITTINGS, REPAIR PARTS, SERVICE EQUIPMENT AND TOOLS FOR THE LAKE COUNTY UTILITIES DEPARTMENT WERE RECEIVED BY THE BOARD OF LAKE COUNTY COMMISSIONERS ON WEDNESDAY, MAY 2, 2021, AT 11:00 AM:

PROPOSAL

FERGUSON ENTERPRISES

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** *Ferguson*  
**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	No Bid	GROUP 1	
2A	4" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	↓		
3A	4" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	↓		
4A	4" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	↓		
<b>OD RANGE 6.84- 7.24</b>						
5A	6" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	No Bid	GROUP 2	
6A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	↓		
7A	6" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	↓		
8A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	↓		
9A	6" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	↓		
<b>OD RANGE 8.99- 9.39</b>						
10A	8" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	No Bid	GROUP 3	
11A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	↓		
12A	8" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	↓		
13A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	↓		
14A	8" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	↓		
<b>OD RANGE 11.04 - 11.44</b>						
15A	10" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	No Bid	GROUP 4	
16A	10" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	↓		
17A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	↓		
18A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	↓		
19A	10" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	↓		

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	No Bid ↓
21A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
22A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
23A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
24A	12" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
				GROUP 5

PIPE REPAIR CLAMPS FOR AC PIPE AS LISTED OR APPROVED EQUAL		*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	No Bid ↓
26A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
27A	6" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
28A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
29A	6" x 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
30A	6" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
				GROUP 6

PIPE REPAIR CLAMPS FOR AC PIPE AS LISTED OR APPROVED EQUAL		*AS LISTED OR APPROVED EQUAL		UNIT PRICE
OD RANGE 9.27 - 9.67				
31A	8" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	No Bid ↓
32A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
33A	8" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
34A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
35A	8" x 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
36A	8" x 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
				GROUP 7

PIPE REPAIR CLAMPS FOR AC PIPE AS LISTED OR APPROVED EQUAL		*AS LISTED OR APPROVED EQUAL		UNIT PRICE
OD RANGE 11.04 - 12.24				
37A	10" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	No Bid ↓
38A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
39A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
40A	10" x 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
41A	10" x 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
				GROUP 8

PIPE REPAIR CLAMPS FOR AC PIPE AS LISTED OR APPROVED EQUAL		*AS LISTED OR APPROVED EQUAL		UNIT PRICE
OD RANGE 14.00 - 14.40				
42A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	No Bid ↓
43A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
44A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
45A	12" x 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
46A	12" x 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	
				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	No Bid ↓
2B	6"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	50 MORE OR LESS	
3B	8"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	30 MORE OR LESS	
4B	10"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	10 MORE OR LESS	
5B	12"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	15 MORE OR LESS	

GROUP 10

M.J. TEE BOLTS WITH NUT 304 OR 316			
1C	3/4" X 4"	STAINLESS STEEL	500 MORE OR LESS \$9.00
2C	3/4" X 4-1/2"	STAINLESS STEEL	500 MORE OR LESS \$10.00
3C	3/4" X 4" ANTI-ROTATING	STAINLESS STEEL	500 MORE OR LESS \$12.00
4C	3/4" x 4-1/2" ANTI-ROTATING	STAINLESS STEEL	500 MORE OR LESS \$14.00

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	No Bid
2D	#22	NON TRAFFIC VALVE BOX COMPLETE	30 MORE OR LESS	↓
3D	C 5-1/4" 16"	TOP SECTION HDVB6301-16 W/ SLOTTED LID	30 MORE OR LESS	No Bid
4D	C 5-1/4" 26"	TOP SECTION HDVB6301-26 W/ SLOTTED LID	30 MORE OR LESS	↓
5D	12" THRU 18"	VALVE BOX BOTTOM SECTION FOR 5-1/4"	30 MORE OR LESS	No Bid
6D	24" THRU 36"	VALVE BOX BOTTOM SECTION FOR 5- 1/4"	30 MORE OR LESS	↓
7D	C 5-1/4"	SLOTTED VALVE BOX LIDS	30 MORE OR LESS	No Bid
8D	#6	VALVE BOX BASE/BONETT FOR 5 1/4"	30 MORE OR LESS	↓

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	No Bid ↓
2E	2"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	
3E	3"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	
4E	4"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	
5E	5"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	
6E	6"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	

GROUP 14

CURB BOXES		AS LISTED OR APPROVED EQUAL			
1F	CURB STOP BOX COMPLETE	94E	30 MORE OR LESS	No Bid	GROUP 15
2F	16" EXTENSION	FOR 94E CURB STOP BOX	20 MORE OR LESS	↓	
3F	TOP SECTION	FOR 94E CURB STOP BOX	30 MORE OR LESS		
4F	TOP SECTION	101 CLEVELAND	30 MORE OR LESS		

5F	CURB STOP BOX LID W/ BOLT	FOR 94E CURB BOX	30 MORE OR LESS	No Bid	GROUP 16
6F	REPAIR LID 2-1/2" INNER-36701GF	FOR 94E CURB BOX	30 MORE OR LESS	↓	
7F	REPAIR LID 2-1/2" OUTER	FOR 94E CURB BOX	30 MORE OR LESS		

**100% BRONZE MUELLER SERVICE SADDLES ONLY**

1G	4" X 1" CC	MUELLER BR2B	20 MORE OR LESS	\$101.00	GROUP 17
2G	6" X 1" CC	MUELLER BR2B	20 MORE OR LESS	\$119.00	
3G	8" X 1" CC	MUELLER BR2B	20 MORE OR LESS	\$149.00	
4G	10" X 1" CC	MUELLER BR2B	20 MORE OR LESS	\$184.00	
5G	12" X 1" CC	MUELLER BR2B	20 MORE OR LESS	\$215.00	

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

1H	3/4" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	\$34.00	GROUP 18
2H	1" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	\$52.00	
3H	1-1/2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	\$147.00	
4H	2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	\$270.00	

5H	1" M X 3/4" FM BRASS BUSHING	BBAA-43	75 MORE OR LESS	No Bid	GRP 19
6H	2" M X 1 1/2" FM BRASS BUSHING	BBAA-76	10 MORE OR LESS	↓	
7H	1" X 3/4" PIGGY BACK NUT	COZ-43	50 MORE OR LESS		

1I	3/4"	C22-33	100 MORE OR LESS	\$19.00	GROUP 20
2I	1"	C22-44	50 MORE OR LESS	\$33.00	
3I	3/4" X 1"	C22-34	10 MORE OR LESS	\$28.00	

4I	1-1/2"	H-15400	10 MORE OR LESS	\$98.00	GROUP 21
5I	2"	C22-77	10 MORE OR LESS	\$108.00	

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

1J	3/4"	B22-333	50 MORE OR LESS	\$51.00	GROUP 22
2J	1"	B22-444	25 MORE OR LESS	\$65.00	

3J	1-1/2"	B22-666	10 MORE OR LESS	\$156.00	GROUP 23
4J	2"	B22-77 L	10 MORE OR LESS	\$270.00	

**SERVICE INSTALLATION PARTS**

**AS LISTED OR APPROVED EQUAL**

1K	3/4" ANGLE YOKE VALVE	AV-92-323	50 MORE OR LESS	No Bid	GROUP 24
2K	3/4" EPOXY COATED YOKE	Y-502	50 MORE OR LESS	↓	
3K	3/4" ANGLE YOKE ELLS	L-92-233	50 MORE OR LESS		
4K	1" ANGLE YOKE VALVE	AV-92-444	50 MORE OR LESS	No Bid	GROUP 25
5K	1" EPOXY COATED YOKE	Y-504	50 MORE OR LESS	↓	
6K	1" ANGLE YOKE ELLS	L-92-444	50 MORE OR LESS		
7K	1-1/2" FLANGE X FLARE ANGLE VALVE	FV23-666W	10 MORE OR LESS	No Bid	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	No Bid	GROUP 27
10K	1" EXPANSION CONNECTOR	EC-4	100 MORE OR LESS	↓	
11K	5/8" X 3/4" X 2-1/2" METER CONNECTOR	C-38-23-2-5	200 MORE OR LESS	No Bid	GROUP 28
12K	5/8" X 3/4" X 2" METER CONNECTOR	C-38-23-2	200 MORE OR LESS	↓	
13K	1" X 2.625" METER CONNECTOR	C-38-44-2-625	100 MORE OR LESS		
14K	2" METER FLANGE X FIP	AY-7610F	100 MORE OR LESS		GROUP P 29
15K	METER BOX COVER & LID	C-32-T	100 MORE OR LESS	No Bid	GROUP 30
16K	METER BOX LID ONLY	C3L-T 11.5"	50 MORE OR LESS	↓	
17K	18" X 24" EXPANSION RING	FORD #1	75 MORE OR LESS		
18K	METER VAULT ELEVATOR RING 3"	ER3CX-C14512-001	50 MORE OR LESS		
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	↓	

**TOOLS**

1L	3/4" MUELLER DRILL & TAP CC THREAD	#680539	12 MORE OR LESS	\$180.00	GROUP 32
2L	1" MUELLER DRILL & TAP CC THREAD	#680540	6 MORE OR LESS	\$238.00	
3L	1-1/2" DRILL & TAP	#681488	6 MORE OR LESS	\$583.00	
4L	2" DRILL & TAP	#681489	6 MORE OR LESS	\$817.00	

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

1M	4" MUELLER GATE VALVE	A2360	12 MORE OR LESS	\$ 409.00	GROUP 33
2M	4" MUELLER OVERSIZED VALVE ONLY	OS-040C236042LN	12 MORE OR LESS	\$ 955.00	
3M	6" MUELLER	A2360	12 MORE OR LESS	\$ 517.00	
4M	8" MUELLER	A2360	12 MORE OR LESS	\$ 823.00	

**MARKING PAINT AS LISTED OR APPROVED EQUAL**

1N	KRYLON INDUSTRIAL QUICK MARK APWA WATER BASED	WHITE #A03901	100 CASES MORE OR LESS	No Bid ↓	GROUP 34
2N	KRYLON INDUSTRIAL QUICK MARK APWA WATER BASED	BLUE #A03903	100 CASES MORE OR LESS		

**PVCO PIPE AS LISTED OR APPROVED EQUAL**

1O	6" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	80' MORE OR LESS	\$ 9.00/FT	GROUP 35
2O	8" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	100' MORE OR LESS	\$ 18.00/FT	
3O	10" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	20' MORE OR LESS	\$ 27.00/FT	
4O	12" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	40' MORE OR LESS	\$ 38.00/FT	

**FERGUSON**

**HYDRANT COLLISION REPAIR KIT**

1P	MUELLER 5-1/4"	A-423	12 MORE OR LESS	\$198.00	GROUP 36
2P	KENNEDY 5-1/4"	K10B	12 MORE OR LESS	No Bid	
3P	KENNEDY 5-1/4"	K11	12 MORE OR LESS	No Bid	
4P	KENNEDY 5-1/4"	K81	12 MORE OR LESS	No Bid	
5P	AM DARLING 5-1/4"	B62	12 MORE OR LESS	\$275.00	

**FIRE HYDRANTS MJ NST \*\*MUELLER ONLY\*\***

1Q	5' - 5-1/4"				GROUP 37
	6" MJ SHOE	423-538352	20 MORE OR LESS	\$2,055.00	
2Q	6' - 5-1/4"				GROUP 37
	6" MJ SHOE	423-538354	20 MORE OR LESS	\$2,146.00	

**FIRE HYDRANTS SPIN IN NST \*\*MUELLER ONLY\*\***

3Q	5' - 4-1/4" MVO				GROUP 38
	6.25 OD, 4TPI	466-538348	15 MORE OR LESS	\$2,233.00	
4Q	5'-6" - 4-1/4" MVO				
	6.25 OD, 4TPI	466-538349	15 MORE OR LESS	\$2,289.00	
5Q	6' - 4-1/4" MVO				
	6.25 OD, 4TPI	466-538350	15 MORE OR LESS	\$2,344.00	
6Q	6'-6" - 4-1/4" MVO				
	6.25 OD, 4TPI	466-538351	15 MORE OR LESS	\$2,401.00	
7Q	6' - 5-1/4" MVO				
	8.875 OD, 4TPI	467-538358	15 MORE OR LESS	\$2,415.00	
8Q	6'-6" - 5-1/4" MVO				
	8.875 OD, 4TPI	467-538359	15 MORE OR LESS	\$2,474.00	
9Q	5' - 5-1/4" MVO				
	8.25 OD, 4TPI	468-538360	15 MORE OR LESS	\$2,299.00	
10Q	5'-6" - 5-1/4" MVO				
	8.25 OD, 4TPI	468-538361	15 MORE OR LESS	\$2,357.00	
11Q	6' - 5-1/4" MVO				
	8.25 OD, 4TPI	468-538362	15 MORE OR LESS	\$2,415.00	

**STORZ ADAPTER**

1R	5" STORZ ADAPTER	4-1/2" FEMALE NST X 5" STORZ	75 MORE OR LESS	\$225.00	GROUP 39
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**SPECIFICATIONS  
FOR FITTINGS, REPAIR PARTS, SERVICE EQUIPMENT AND TOOLS**

*Core & Main*

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	4.74-5.14	4.95-5.35
1A	4" x 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	98.82	99.00	GROUP 1
2A	4" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	113.21	116.89	
3A	4" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	195.16	195.47	
4A	4" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	212.32	212.71	
OD RANGE 6.84- 7.24						
5A	6" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	102.80		GROUP 2
6A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	119.74		
7A	6" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	202.95		
8A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	219.29		
9A	6" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	315.03		
OD RANGE 8.99- 9.39						
10A	8" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	108.63		GROUP 3
11A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	124.32		
12A	8" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	212.97		
13A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	228.20		
14A	8" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	331.06		
OD RANGE 11.04 - 11.44						
15A	10" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	118.26		GROUP 4
16A	10" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	133.87		
17A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	252.90		
18A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	259.15		
19A	10" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	392.57		

RECEIVED MAY 05 2005

**CORE AND MAIN**

RECEIVED MAY 05 REC'D

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	142.19	
21A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	151.39	
22A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	248.54	
23A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	263.78	
24A	12" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	381.37	

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	106.07	
26A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	120.62	
27A	6" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	204.57	
28A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	222.56	
29A	6" x 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	316.58	
30A	6" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	331.98	

GROUP 6

OD RANGE 9.27 - 9.67					
31A	8" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	116.05	
32A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	137.36	
33A	8" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	227.32	
34A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	248.00	
35A	8" x 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	360.46	
36A	8" x 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	397.20	

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	163.16	301.25	397.27
38A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	294.14	301.36	441.24
39A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	314.61	314.61	502.61
40A	10" x 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	442.57	451.03	719.36
41A	10" x 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	466.05	476.79	733.59

GROUP 8

OD RANGE 14.00 - 14.40					
42A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	147.71	
43A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	259.10	
44A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	273.97	
45A	12" x 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	401.93	
46A	12" x 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	422.40	

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	79.34	GROUP 10
2B	6"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	50 MORE OR LESS	94.39	
3B	8"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	30 MORE OR LESS	118.64	
4B	10"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	10 MORE OR LESS	155.59	
5B	12"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	15 MORE OR LESS	195.19	

M.J. TEE BOLTS WITH NUT 304 OR 316					
1C	3/4" X 4"	STAINLESS STEEL	500 MORE OR LESS	5.80	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	6.34	
4C	3/4" x 4-1/2" ANTI-ROTATING	STAINLESS STEEL	500 MORE OR LESS	6.80	

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	133.71	GROUP 12
2D	#22	NON TRAFFIC VALVE BOX COMPLETE	30 MORE OR LESS	115.58	
3D	C 5-1/4" 16"	TOP SECTION HDVB6301-16 W/ SLOTTED LID	30 MORE OR LESS	39.95	
4D	C 5-1/4" 26"	TOP SECTION HDVB6301-26 W/ SLOTTED LID	30 MORE OR LESS	53.52	
5D	12" THRU 18"	VALVE BOX BOTTOM SECTION FOR 5-1/4"	30 MORE OR LESS	31.22	
6D	24" THRU 36"	VALVE BOX BOTTOM SECTION FOR 5-1/4"	30 MORE OR LESS	44.31	
7D	C 5-1/4"	SLOTTED VALVE BOX LIDS	30 MORE OR LESS	12.71	GRP 13
8D	#6	VALVE BOX BASE/BONETT FOR 5-1/4"	30 MORE OR LESS	49.10	

ROUND VALVE BOX RISERS FOR C 5-1/4" VALVE BOXES					
1E	1"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	10.22	GROUP 14
2E	2"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	13.89	
3E	3"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	21.17	
4E	4"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	23.53	
5E	5"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	33.75	
6E	6"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	28.77	

CURB BOXES		AS LISTED OR APPROVED EQUAL		UNIT PRICE	
1F	CURB STOP BOX COMPLETE	94E	30 MORE OR LESS	45.17	GROUP 15
2F	16" EXTENSION	FOR 94E CURB STOP BOX	20 MORE OR LESS	20.33	
3F	TOP SECTION	FOR 94E CURB STOP BOX	30 MORE OR LESS	32.62	
4F	TOP SECTION	101 CLEVELAND	30 MORE OR LESS	34.04	

5F	CURB STOP BOX LID W/ BOLT	FOR 94E CURB BOX	30 MORE OR LESS	9.60	GROUP 16
6F	REPAIR LID 2-1/2" INNER-36701GF	FOR 94E CURB BOX	30 MORE OR LESS	11.85	
7F	REPAIR LID 2-1/2" OUTER	FOR 94E CURB BOX	30 MORE OR LESS	11.69	

**100% BRONZE MUELLER SERVICE SADDLES ONLY**

1G	4" X 1" CC	MUELLER BR2B	20 MORE OR LESS	99.25	GROUP 17
2G	6" X 1" CC	MUELLER BR2B	20 MORE OR LESS	116.88	
3G	8" X 1" CC	MUELLER BR2B	20 MORE OR LESS	144.71	
4G	10" X 1" CC	MUELLER BR2B	20 MORE OR LESS	179.28	
5G	12" X 1" CC	MUELLER BR2B	20 MORE OR LESS	209.85	

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

1H	3/4" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	26.60	GROUP 18
2H	1" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	40.65	
3H	1-1/2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	124.71	
4H	2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	217.85	

5H	1" M X 3/4" FM BRASS BUSHING	BBAA-43	75 MORE OR LESS	11.03	GRP 19
6H	2" M X 1 1/2" FM BRASS BUSHING	BBAA-76	10 MORE OR LESS	36.31	
7H	1" X 3/4" PIGGY BACK NUT	COZ-43	50 MORE OR LESS	17.48	

1I	3/4"	C22-33	100 MORE OR LESS	14.74	GROUP 20
2I	1"	C22-44	50 MORE OR LESS	25.79	
3I	3/4" X 1"	C22-34	10 MORE OR LESS	21.82	

4I	1-1/2"	H-15400	10 MORE OR LESS	77.44	GROUP 21
5I	2"	C22-77	10 MORE OR LESS	126.32	

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

1J	3/4"	B22-333	50 MORE OR LESS	58.70	GROUP 22
2J	1"	B22-444	25 MORE OR LESS	81.07	

3J	1-1/2"	B22-666	10 MORE OR LESS	196.89	GROUP 23
4J	2"	B22-77 L	10 MORE OR LESS	322.30	

**SERVICE INSTALLATION PARTS**

**AS LISTED OR APPROVED EQUAL**

1K	3/4" ANGLE YOKE VALVE	AV-92-323	50 MORE OR LESS	28.63	GROUP 24
2K	3/4" EPOXY COATED YOKE	Y-502	50 MORE OR LESS	9.70	
3K	3/4" ANGLE YOKE ELLS	L-92-233	50 MORE OR LESS	12.14	
4K	1" ANGLE YOKE VALVE	AV-92-444	50 MORE OR LESS	44.07	GROUP 25
5K	1" EPOXY COATED YOKE	Y-504	50 MORE OR LESS	17.49	
6K	1" ANGLE YOKE ELLS	L-92-444	50 MORE OR LESS	21.23	
7K	1-1/2" FLANGE X FLARE ANGLE VALVE	FV23-666W	10 MORE OR LESS	176.12	GROUP 26
8K	1-1/2" FLANGE X FLARE ANGLE ELL	LF32-66	10 MORE OR LESS	108.91	
9K	3/4" EXPANSION CONNECTOR	EC-23	100 MORE OR LESS	17.53	GROUP 27
10K	1" EXPANSION CONNECTOR	EC-4	100 MORE OR LESS	29.46	
11K	5/8" X 3/4" X 2-1/2" METER CONNECTOR	C-38-23-2-5	200 MORE OR LESS	8.52	GROUP 28
12K	5/8" X 3/4" X 2" METER CONNECTOR	C-38-23-2	200 MORE OR LESS	8.52	
13K	1" X 2.625" METER CONNECTOR	C-38-44-2-625	100 MORE OR LESS	13.11	
14K	2" METER FLANGE X FIP	AY-7610F	100 MORE OR LESS	49.49	GROUP P 29
15K	METER BOX COVER & LID	C-32-T	100 MORE OR LESS	65.43	GROUP 30
16K	METER BOX LID ONLY	C3L-T 11.5"	50 MORE OR LESS	31.67	
17K	18" X 24" EXPANSION RING	FORD #1	75 MORE OR LESS	83.60	
18K	METER VAULT ELEVATOR RING 3"	ER3CX-C14512-001	50 MORE OR LESS	31.87	
19K	18" X 30" PVC METER VAULT		75 MORE OR LESS	40.94	GROUP 31
20K	24" X 30" PVC METER VAULT		75 MORE OR LESS	69.34	

**TOOLS**

1L	3/4" MUELLER DRILL & TAP CC THREAD	#680539	12 MORE OR LESS	188.00	GROUP 32
2L	1" MUELLER DRILL & TAP CC THREAD	#680540	6 MORE OR LESS	250.00	
3L	1-1/2" DRILL & TAP	#681488	6 MORE OR LESS	610.00	
4L	2" DRILL & TAP	#681489	6 MORE OR LESS	857.00	

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

1M	4" MUELLER GATE VALVE	A2360	12 MORE OR LESS	406.60	GROUP 33
2M	4" MUELLER OVERSIZED VALVE ONLY	OS-040C236042LN	12 MORE OR LESS	932.15	
3M	6" MUELLER	A2360	12 MORE OR LESS	513.32	
4M	8" MUELLER	A2360	12 MORE OR LESS	817.54	

**MARKING PAINT AS LISTED OR APPROVED EQUAL**

1N	KRYLON INDUSTRIAL QUICK MARK APWA WATER BASED	WHITE #A03901	100 CASES MORE OR LESS	46.68	12 per case	GROUP 34
2N	KRYLON INDUSTRIAL QUICK MARK APWA WATER BASED	BLUE #A03903	100 CASES MORE OR LESS	46.68	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	9.87 per foot	GROUP 35
2O	8" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	100' MORE OR LESS	16.99 per foot	
3O	10" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	20' MORE OR LESS	25.50 per foot	
4O	12" PVCO PIPE	JM EAGLE OR APPROVED EQUAL	40' MORE OR LESS	35.94 per foot	

**HYDRANT COLLISION REPAIR KIT**

1P	MUELLER 5-1/4"	A-423	12 MORE OR LESS	188.23	GROUP 36
2P	KENNEDY 5-1/4"	K10B	12 MORE OR LESS	371.84	
3P	KENNEDY 5-1/4"	K11	12 MORE OR LESS	371.84	
4P	KENNEDY 5-1/4"	K81	12 MORE OR LESS	209.15	
5P	AM DARLING 5-1/4"	B62	12 MORE OR LESS	350.00	

**FIRE HYDRANTS MJ NST \*\*MUELLER ONLY\*\***

1Q	5' - 5-1/4" 6" MJ SHOE	423-538352	20 MORE OR LESS	2016.35	GROUP 37
2Q	6' - 5-1/4" 6" MJ SHOE	423-538354	20 MORE OR LESS	2105.70	

**FIRE HYDRANTS SPIN IN NST \*\*MUELLER ONLY\*\***

3Q	5' - 4-1/4" MVO 6.25 OD, 4TPI	466-538348	15 MORE OR LESS	2202.12	GROUP 38
4Q	5'-6" - 4-1/4" MVO 6.25 OD, 4TPI	466-538349	15 MORE OR LESS	2257.71	
5Q	6' - 4-1/4" MVO 6.25 OD, 4TPI	466-538350	15 MORE OR LESS	2313.29	
6Q	6'-6" - 4-1/4" MVO 6.25 OD, 4TPI	466-538351	15 MORE OR LESS	2368.86	
7Q	6' - 5-1/4" MVO 8.875 OD, 4TPI	467-538358	15 MORE OR LESS	2383.12	
8Q	6'-6" - 5-1/4" MVO 8.875 OD, 4TPI	467-538359	15 MORE OR LESS	2440.62	
9Q	5' - 5-1/4" MVO 8.25 OD, 4TPI	468-538360	15 MORE OR LESS	2268.09	
10Q	5'-6" - 5-1/4" MVO 8.25 OD, 4TPI	468-538361	15 MORE OR LESS	2325.59	
11Q	6' - 5-1/4" MVO 8.25 OD, 4TPI	468-538362	15 MORE OR LESS	2383.12	

**STORZ ADAPTER**

1R	5" STORZ ADAPTER	4-1/2" FEMALE NST X 5" STORZ	75 MORE OR LESS	241.46	GROUP 39
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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	110.00	GROUP 1
2A	4" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	126.00	
3A	4" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	210.00	
4A	4" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	131.00	
OD RANGE 6.84- 7.24					
5A	6" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	112.00	GROUP 2
6A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	129.00	
7A	6" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	219.00	
8A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	237.00	
9A	6" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	340.00	
OD RANGE 8.99- 9.39					
10A	8" X 7.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	118.00	GROUP 3
11A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	134.00	
12A	8" X 15"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	335.00	
13A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	246.00	
14A	8" X 22.5"	*SMITH BLAIR 256 STYLE	20 MORE OR LESS	357.00	
OD RANGE 11.04 - 11.44					
15A	10" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	127.00	GROUP 4
16A	10" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	145.00	
17A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	272.00	
18A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	280.00	
19A	10" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	424.00	

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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	154.00
21A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	163.00
22A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	268.00
23A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	285.00
24A	12" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	412.00

GROUP 5

PIPE REPAIR CLAMPS FOR AC PIPE AS LISTED OR APPROVED EQUAL		*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	115.00
26A	6" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	130.00
27A	6" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	221.00
28A	6" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	240.00
29A	6" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	342.00
30A	6" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	358.00

GROUP 6

PIPE REPAIR CLAMPS FOR AC PIPE AS LISTED OR APPROVED EQUAL		*AS LISTED OR APPROVED EQUAL		UNIT PRICE
OD RANGE 9.27 - 9.67				
31A	8" X 7.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	126.00
32A	8" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	148.00
33A	8" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	246.00
34A	8" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	270.00
35A	8" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	385.00
36A	8" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	434.00

GROUP 7

PIPE REPAIR CLAMPS FOR AC PIPE AS LISTED OR APPROVED EQUAL		*AS LISTED OR APPROVED EQUAL		UNIT PRICE
OD RANGE 11.04 - 12.24				
37A	10" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	NB
38A	10" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	NB
39A	10" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	NB
40A	10" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	NB
41A	10" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	NB

GROUP 8

PIPE REPAIR CLAMPS FOR AC PIPE AS LISTED OR APPROVED EQUAL		*AS LISTED OR APPROVED EQUAL		UNIT PRICE
OD RANGE 14.00 - 14.40				
42A	12" X 7.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	164.00
43A	12" X 15"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	280.00
44A	12" X 15" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	295.00
45A	12" X 22.5"	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	434.00
46A	12" X 22.5" X 1" CC	*SMITH BLAIR 256 STYLE	10 MORE OR LESS	456.00

GROUP 9

PIPE REPAIR COUPLINGS		*AS LISTED OR APPROVED EQUAL		UNIT PRICE	
1B	4"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	20 MORE OR LESS	86.00	GROUP 10
2B	6"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	50 MORE OR LESS	102.00	
3B	8"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	30 MORE OR LESS	128.00	
4B	10"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	10 MORE OR LESS	168.00	
5B	12"	*SMITH-BLAIR 441 COUPLINGS W/ S.S NUTS & BOLTS	15 MORE OR LESS	211.00	

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

1C	3/4" X 4"	STAINLESS STEEL	500 MORE OR LESS	5.50	GROUP 11
2C	3/4" X 4-1/2"	STAINLESS STEEL	500 MORE OR LESS	6.10	
3C	3/4" X 4" ANTI-ROTATING	STAINLESS STEEL	500 MORE OR LESS	5.95	
4C	3/4" X 4-1/2" ANTI-ROTATING	STAINLESS STEEL	500 MORE OR LESS	6.50	

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	127.00	GROUP 12
2D	#22	NON TRAFFIC VALVE BOX COMPLETE	30 MORE OR LESS	110.00	
3D	C 5-1/4" 16"	TOP SECTION HDVB6301-16 W/ SLOTTED LID	30 MORE OR LESS	NB	
4D	C 5-1/4" 26"	TOP SECTION HDVB6301-26 W/ SLOTTED LID	30 MORE OR LESS	NB	
5D	12" THRU 18"	VALVE BOX BOTTOM SECTION FOR 5-1/4"	30 MORE OR LESS	NB	
6D	24" THRU 36"	VALVE BOX BOTTOM SECTION FOR 5-1/4"	30 MORE OR LESS	NB	
7D	C 5-1/4"	SLOTTED VALVE BOX LIDS	30 MORE OR LESS	13.95	GRP 13
8D	#6	VALVE BOX BASE/BONETT FOR 5 1/4"	30 MORE OR LESS	52.00	

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

1E	1"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	11.95	GROUP 14
2E	2"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	15.00	
3E	3"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	16.15	
4E	4"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	24.44	
5E	5"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	26.66	
6E	6"	FOR C 5-1/4" VALVE BOXES	30 MORE OR LESS	28.95	

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

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

**100% BRONZE MUELLER SERVICE SADDLES ONLY**

1G	4" X 1" CC	MUELLER BR2B	20 MORE OR LESS	NB	GROUP 17
2G	6" X 1" CC	MUELLER BR2B	20 MORE OR LESS	NB	
3G	8" X 1" CC	MUELLER BR2B	20 MORE OR LESS	NB	
4G	10" X 1" CC	MUELLER BR2B	20 MORE OR LESS	NB	
5G	12" X 1" CC	MUELLER BR2B	20 MORE OR LESS	NB	

CORPORATION STOPS		AS LISTED OR APPROVED EQUAL		UNIT PRICE	
1H	3/4" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	26.49	GROUP 18
2H	1" FLARE OUTLET	H-15000 SERIES	50 MORE OR LESS	40.54	
3H	1-1/2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	124.24	
4H	2" FLARE OUTLET	B-25000 SERIES	10 MORE OR LESS	216.35	

5H	1" M X 3/4" FM BRASS BUSHING	BBAA-43	75 MORE OR LESS	11.00	GRP 19
6H	2" M X 1 1/2" FM BRASS BUSHING	BBAA-76	10 MORE OR LESS	26.25	
7H	1" X 3/4" PIGGY BACK NUT	COZ-43	50 MORE OR LESS	17.40	

1I	3/4"	C22-33	100 MORE OR LESS	14.65	GROUP 20
2I	1"	C22-44	50 MORE OR LESS	25.70	
3I	3/4" X 1"	C22-34	10 MORE OR LESS	21.25	

4I	1-1/2"	H-15400	10 MORE OR LESS	27.20	GROUP 21
5I	2"	C22-77	10 MORE OR LESS	126.00	

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

1J	3/4"	B22-333	50 MORE OR LESS	58.50	GROUP 22
2J	1"	B22-444	25 MORE OR LESS	80.80	

3J	1-1/2"	B22-666	10 MORE OR LESS	196.40	GROUP 23
4J	2"	B22-77 L	10 MORE OR LESS	312.50	

**SERVICE INSTALLATION PARTS**

**AS LISTED OR APPROVED EQUAL**

1K	3/4" ANGLE YOKE VALVE	AV-92-323	50 MORE OR LESS	28.85	GROUP 24
2K	3/4" EPOXY COATED YOKE	Y-502	50 MORE OR LESS	9.90	
3K	3/4" ANGLE YOKE ELLS	L-92-233	50 MORE OR LESS	12.20	
4K	1" ANGLE YOKE VALVE	AV-92-444	50 MORE OR LESS	14.40	GROUP 25
5K	1" EPOXY COATED YOKE	Y-504	50 MORE OR LESS	17.89	
6K	1" ANGLE YOKE ELLS	L-92-444	50 MORE OR LESS	21.35	
7K	1-1/2" FLANGE X FLARE ANGLE VALVE	FV23-666W	10 MORE OR LESS	NB	GROUP 26
8K	1-1/2" FLANGE X FLARE ANGLE ELL	LF32-66	10 MORE OR LESS	NB	
9K	3/4" EXPANSION CONNECTOR	EC-23	100 MORE OR LESS	17.65	GROUP 27
10K	1" EXPANSION CONNECTOR	EC-4	100 MORE OR LESS	29.69	
11K	5/8" X 3/4" X 2-1/2" METER CONNECTOR	C-38-23-2-5	200 MORE OR LESS	8.55	GROUP 28
12K	5/8" X 3/4" X 2" METER CONNECTOR	C-38-23-2	200 MORE OR LESS	8.55	
13K	1" X 2.625" METER CONNECTOR	C-38-44-2-625	100 MORE OR LESS	13.19	
14K	2" METER FLANGE X FIP	AY-7610F	100 MORE OR LESS	49.80	GROUP P. 29
15K	METER BOX COVER & LID	C-32-T	100 MORE OR LESS	NB	GROUP 30
16K	METER BOX LID ONLY	C3L-T 11.5"	50 MORE OR LESS	NB	
17K	18" X 24" EXPANSION RING	FORD #1	75 MORE OR LESS	NB	
18K	METER VAULT ELEVATOR RING 3"	ER3CX-C14512-001	50 MORE OR LESS	NB	
19K	18" X 30" PVC METER VAULT		75 MORE OR LESS	40.40	GROUP 31
20K	24" X 30" PVC METER VAULT		75 MORE OR LESS	68.40	

**TOOLS**

1L	3/4" MUELLER DRILL & TAP CC THREAD	#680539	12 MORE OR LESS	NB	GROUP 32
2L	1" MUELLER DRILL & TAP CC THREAD	#680540	6 MORE OR LESS	NB	
3L	1-1/2" DRILL & TAP	#681488	6 MORE OR LESS	NB	
4L	2" DRILL & TAP	#681489	6 MORE OR LESS	NB	

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

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

**MARKING PAINT AS LISTED OR APPROVED EQUAL**

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

**PVCO PIPE AS LISTED OR APPROVED EQUAL**

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

**WINWATER OF AKRON**

**HYDRANT COLLISION REPAIR KIT**

1P	MUELLER 5-1/4"	A-423	12 MORE OR LESS	NB	GROUP 36
2P	KENNEDY 5-1/4"	K10B	12 MORE OR LESS	NB	
3P	KENNEDY 5-1/4"	K11	12 MORE OR LESS	NB	
4P	KENNEDY 5-1/4"	K81	12 MORE OR LESS	NB	
5P	AM DARLING 5-1/4"	B62	12 MORE OR LESS	NB	

**FIRE HYDRANTS MJ NST \*\*MUELLER ONLY\*\***

1Q	5' - 5-1/4" 6" MJ SHOE	423-538352	20 MORE OR LESS	NB	GROUP 37
2Q	6' - 5-1/4" 6" MJ SHOE	423-538354	20 MORE OR LESS	NB	

**FIRE HYDRANTS SPIN IN NST \*\*MUELLER ONLY\*\***

3Q	5' - 4-1/4" MVO 6.25 OD, 4TPI	466-538348	15 MORE OR LESS	NB	GROUP 38
4Q	5'-6" - 4-1/4" MVO 6.25 OD, 4TPI	466-538349	15 MORE OR LESS	NB	
5Q	6' - 4-1/4" MVO 6.25 OD, 4TPI	466-538350	15 MORE OR LESS	NB	
6Q	6'-6" - 4-1/4" MVO 6.25 OD, 4TPI	466-538351	15 MORE OR LESS	NB	
7Q	6' - 5-1/4" MVO 8.875 OD, 4TPI	467-538358	15 MORE OR LESS	NB	
8Q	6'-6" - 5-1/4" MVO 8.875 OD, 4TPI	467-538359	15 MORE OR LESS	NB	
9Q	5' - 5-1/4" MVO 8.25 OD, 4TPI	468-538360	15 MORE OR LESS	NB	
10Q	5'-6" - 5-1/4" MVO 8.25 OD, 4TPI	468-538361	15 MORE OR LESS	NB	
11Q	6' - 5-1/4" MVO 8.25 OD, 4TPI	468-538362	15 MORE OR LESS	NB	

**STORZ ADAPTER**

1R	5" STORZ ADAPTER	4-1/2" FEMALE NST X 5" STORZ	75 MORE OR LESS	210.00	GROUP 39
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**WINWATER OF AKRON**