

Section 1 - Meters						
No.	DESCRIPTION	U/M	REQ.QTY	PRIMARY CAT NO	Unit Price	Extended Cost
1	METER BOX SET TO HOUSE 2" WATER METERS	EA	25	Ford FPMB-7		
2	Meter, Water (iPERL) 5/8" X 3/4" W/TR-PL	EA	300			
3	METER, WATER 2" NPT X NPT SCREW TYPE	EA	20			
4	METER, WATER 6" OMNI C2 COMPOUND METER	EA	1			
5	METER, WATER 2" C2 (COMPOUND)	EA	25			
6	METER, WATER 4" SENSUS OMNI C2 (COMPOUND)	EA	10			
7	METER, WATER 4" SENSUS OMNI T2 (COMPOUND)	EA	2			
8	BOX,METER SET TO HOUSE 5/8" WATER METERS	EA	300			
9	METER BOX LID 2" WATER METERS	EA	100			
10	METER BOX LID 5/8" WATER METERS	EA	300			
11	METER, WATER 6" SENSUS OMNI C2 (COMPOUND)	EA	4			
					Total: \$	
NOTES: Any OMNI meter purchase must include flanges, bolts, nuts & gaskets (e.g. 2" OMNI requires 2-flanges, 4-bolts/nuts & 2 gaskets)						

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SECTION 1 - METERS

Section 2 - Fittings-Brass/Sch-80

No.	DESCRIPTION	U/M	REQ.QTY	PRIMARY CAT NO	Unit Price	Extended Cost
1	ADAPTOR, BRASS 2.5"NPT X 1/4" (HYDRANT ADAPTOR)	EA	10			
2	ADAPTOR, P.E. 3/4" NPT MALE BRASS	EA	700	C86-33		
3	ADAPTOR, P.E. 1" NPT MALE BRASS	EA	500	C86-44 BRASS		
4	ADAPTOR, P.E. 1-1/4" NPT MALE BRASS	EA	200	CAT# C86-55		
5	ADAPTOR, P.E. 1-1/4" X 1" MALE BRASS	EA	200	C86-54 BRASS		
6	ADAPTOR P.E. 1-1/2 NPT MALE BRASS	EA	200	C86-55 BRASS		
7	ADAPTOR, P.E. 1" X 3/4" NPT MALE BRASS	EA	200	CAT# C86-34		
8	ADAPTOR, P.E. 2" MALE BRASS	EA	100	CAT#C86-77-IDR7		
9	ADAPTOR, P.E. FEMALE(BR) 3/4"X3/4" NPT	EA	600	CAT#FORDC16-33		
10	ADAPTOR, P.E. FEMALE(BR) 1" X 1" NPT	EA	500	C16-44 BRASS		
11	ADAPTOR, P.E. FEMALE(BR) 1-1/4" NPT	EA	100	C16-55 BRASS		
12	ADAPTOR, PE FEMALE(BR) 1-1/4" X 1" NPT	EA	100	C16-54 BRASS		
13	ADAPTOR, P.E. FEMALE(BR) 1-1/2" NPT	EA	100	C16-66 BRASS		
14	ADAPTOR, PE FEMALE(BR) 1"X 3/4" NPT	EA	100	C16-34 BRASS		
15	ADAPTOR, P.E. FEMALE(BR) 2" X 2" NPT	EA	100	CAT#FORD C16-77		
16	TEE, BRASS 3/4"FEMALE IPT BOTH SIDES	EA	200	CAT# 604600100		
17	TEE, BRASS, 1" FEMALE IPT BOTH SIDES	EA	100	CAT# 604600150		
18	TEE, BRASS, 1-1/4"FEMALE IPT BOTH SIDES	EA	10	CAT# 604600215		
19	TEE, BRASS, 2" FEMALE IPT BOTH SIDES	EA	20	CAT# 604600390		
20	PACK JOINT 3/4 X 3/4 X 3/4 TEE BRASS	EA	100	T666-333 BRASS		
21	PACK JOINT, PVC SCH 80 3/4 X 3/4 X 3/4 TEE BRASS	EA	100			
22	PACK JOINT 1 X 1 X 1 TEE BRASS	EA	100	T666-444 BRASS		
23	STOP, CURB 3/4 X 3/4 BRASS	EA	500	B61-333 BRASS		
24	STOP,CURB 1"X 3/4" BRASS	EA	300	B61-343 BRASS		
25	STOP, CURB, PVC SCH 80 2"X 2" BRASS	EA	200			
26	STOP, CORP, 2" NPT X NPT BRASS	EA	50	FB500-7 BRASS		
27	STOP, CORP, 3/4" NPT X NPT BRASS	EA	300	FB500-3 BRASS		
28	STOP, CORP, 1" NPT X NPT BRASS	EA	200	FB500-4 BRASS		
29	STOP,CORP, 1-1/4" NPT X NPT BRASS	EA	10	CAT# FB500-5		
30	STOP, CORP, 1-1/2" NPT X NPT BRASS	EA	100	CAT# FB500-6		

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SECTION 2 - FITTINGS

31	STOP, CORP, PVC SCH 80 2" NPT X NPT BRASS	EA	300		
32	COUPLING, BRASS, 3/4" FEMALE IPT	EA	200	CAT# 621650100	
33	COUPLING, BRASS, 1" FEMALE IPT	EA	200	CAT# 621650150	
34	COUPLING, BRASS, 2" FEMALE IPT	EA	20	CAT# 621650390	
35	COUPLING, P.E. STR 3/4" BRASS	EA	300	C66-33 FORD	
36	COUPLING, P.E. STR 1" BRASS	EA	300	C66-44	
37	COUPLING, P.E. STR/REDUCER, 1" X 3/4" BRASS	EA	200	C66-34	
38	COUPLING, P.E. STR 1-1/2" BRASS	EA	50	C66-66	
39	COUPLING, P.E. STR 2" X 2" BRASS	EA	200	C66-77 BRASS	
40	REDUCER, BELL (BRASS), 3/4" X 1/2"	EA	20	CAT# 601650158	
41	REDUCER, BELL (BRASS), 1" X 3/4"	EA	20	CAT# 601650159	
42	REDUCER BELL (BRASS), 1-1/4" X 3/4"	EA	5	CAT# 601650223	
43	REDUCER, BELL (BRASS), 2" X 3/4"	EA	100	SEE DESCRIPTION	
44	REDUCER, BELL (BRASS), 2" X 1"	EA	100	CAT# 601650400	
45	REDUCER, BELL (BRASS), 2" X 1-1/4"	EA	20	CAT# 601650399	
46	REDUCER, BELL (BRASS), 2" X 1-1/2"	EA	10	CAT# 601650398	
47	REDUCER, BUSH (BRASS), 3/4" X 3/8"	EA	10		
48	REDUCER, BUSH (BRASS), 3/4" X 1/4"	EA	20	CAT# 601440158	
49	REDUCER, BUSH (BRASS), 3/4" X 1/2"	EA	20	SEE DESCRIPTION	
50	REDUCER, BUSH (BRASS) 1" X 1/2"	EA	10	SEE DESCRIPTION	
51	REDUCER, BUSH (BRASS) 1" X 3/4"	EA	40	CAT# 621440159	
52	REDUCER, BUSH (BRASS) 2" X 3/4"	EA	20	CAT# 621440401	
53	REDUCER BUSH (BRASS) 2" X 1"	EA	40	CAT# 621440400	
54	REDUCER, BUSH (BRASS) 2" X 1-1/4"	EA	20	CAT# 621440399	
55	REDUCER, BUSH (BRASS) 2" X 1-1/2"	EA	10	CAT# 621440223	
56	NIPPLE 4" X 6" BRASS	EA	20	CAT# 701206	
57	NIPPLE, 3/4" X 3" BRASS	EA	20	CAT# 700503	
58	NIPPLE, 1" X 3" BRASS	EA	100	FORD 950130	
59	NIPPLE, 1-1/4" X 3" BRASS	EA	50	CAT# 700703	
60	NIPPLE, 1-1/2" X 3" BRASS	EA	50	CAT# 700803	
61	NIPPLE, 2" X 3" BRASS	EA	50	CAT# 700903	
62	UNION, BRASS, 3/4" FEMALE IPT BRASS	EA	10	CAT# 626570100	

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SECTION 2 - FITTINGS

63	STEEL COUPLING 1-1/4" X 1-1/4" OD 1.66	EA	20	CAT# FC3166112		
64	STEEL COUPLING 1-1/2" X 1-1/2" OD 1.90	EA	10	CAT# FC319012		
65	STEEL COUPLING 2" X 2" OD 2.38	EA	50	CAT# FC323812		
66	ELBOW, BRASS, 1-1/4"X 45 DEGREE	EA	20	CAT# 622900215		
67	ELBOW, BRASS, 1-1/2"X 45 DEGREE	EA	20	CAT# 622900295		
68	ELBOW, BRASS 2"X 45 DEGREE	EA	20	CAT# 622900390		
69	ELBOW, BRASS, 3/4"X 90 DEGREE	EA	10	622350100		
70	ELBOW, BRASS, 1"X 90 DEGREE	EA	10	622350150		
71	ELBOW, BRASS, 2"X 90 DEGREE	EA	10	CAT# 622350390		
72	BOLT, MACHINE, 1/2"X 3"	EA	50	SEE DESCRIPTION		
73	BOLT, MACHINE, 3/4"X 3-1/2"	EA	200	SEE DESCRIPTION		
74	BOLT, MACHINE, 5/8"X 3-1/2"	EA	500	SEE DESCRIPTION		
75	BOLT, MACHINE 3/4"X 4"	EA	50	SEE DESCRIPTION		
76	BOLT, TEE, SS316 3/4"X 3-1/2"	EA	100			
77	BOLT, TRANSITION SS316 5/8" X 13-1/2"	EA	200			
78	BOLT, TRANS. COMP, SS316 1/2"X 10-1/2"	EA	300			
79	PLUG, PIPE (BRASS), 1/2"	EA	25	SEE DESCRIPTION		
80	PLUG, PIPE (BRASS) 3/4"	EA	20	CAT# 623960100		
81	PLUG, PIPE (BRASS) 1"	EA	20	CAT# 623930150		
82	PLUG, PIPE (BRASS), 2"	EA	10	CAT# 623960390		
83	CAP, PIPE,(BRASS) 3/4", COMP.	EA	20	CAT# 621550100		
84	CAP, PIPE,(BRASS) 1", COMP.	EA	20	CAT# 621550150		
85	CAP, PIPE,(BRASS) 1-1/4", COMP.	EA	20	CAT# 621550215		
86	CAP, PIPE,(BRASS) 1-1/2", COMP.	EA	20	CAT# 621550295		
87	BOLT, TRANS. COMP, 1/2"X 10-1/2"	EA	100	SEE DESCRIPTION		
88	BOLT, TRANSITION 5/8" X 13-1/2"	EA	100	FBN-58-13.5		
89	TRANSITION BOLT 5/8" X 10-1/2"	EA	100	FBN-58-10.5		
90	TRANSITION BOLT 5/8" X 9"	EA	100	FBN-58-9		
91	TRANSITION BOLT, SS316 5/8" X 10-1/2"	EA	100			
92	TRANSITION BOLT SS316 5/8" X 9"	EA	100			
93	WASHER, FLAT, 3/4"	EA	100	SEE DESCRIPTION		
94	WASHER, FLAT, SS316 5/8"	EA	200			

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SECTION 2 - FITTINGS

95	WASHER, FLAT, SS316 3/4"	EA	200		
96	WASHER, LOCK, SS316 5/8"	EA	400		
97	WASHER, LOCK, SS316 1/2"	EA	600		
98	WASHER, LOCK SS316 3/4"	EA	400		
99	FLANGE FOR 2" WATER METER	EA	40	ROMAC 2" FLANGE	
100	FLANGE FOR 4" WATER METER	EA	50		
101	SX MALE ADAPTER 3/4" PVC SCH.80	EA	100		
102	SX MALE ADAPTER 1" PVC SCH-80	EA	100		
103	ADAPTOR, 1" X 3/4" NPT MALE PVC SCH 80 BRASS	EA	500		
104	SX MALE ADAPTER, 2" PVC SCH-80	EA	100		
105	SXS COUPLING 3/4" PVC SCH-80	EA	100		
106	SXS COUPLING 1" PVC SCH.80	EA	100		
107	SX FEMALE ADAPTER 3/4" PVC SCH-80	EA	50		
108	SX FEMALE ADAPTER 1" PVC S-80	EA	50		
109	ADAPTOR,1" X 3/4" NPT FEMALE (BR) PVC SCH 80	EA	500		
110	SX FEMALE ADAPTER 2" PVC SCH-80	EA	50		
111	ADAPTOR, PVC SCH 80 FEMALE(BR) 2" X 2" NPT	EA	100		
112	SXS COUPLING 2" PVC SCH-80	EA	200		
113	SXS UNION EPDM 3/4"PVC SCH-80	EA	50		
114	SXS UNION EPDM 1" PVC S-80	EA	50		
115	TEE,3/4" S80 PVC SXSXS	EA	50		
116	TEE,1" SCH80 PVC SXSXS	EA	50		
117	TEE,2" SCH 80 PVC SXSXS	EA	50		
118	2" SCH80 PVC TEE, SOCXSOXSOC	EA	4		
119	NUT, HEX, SS316 5/8"	EA	200		
120	NUT, HEX, SS316 1/2"	EA	300		
121	NUT, HEX, SS316 3/4"	EA	200		
122	2"X45 DEGREE SCH80 PVC ELBOW, SOCXSOC	EA	10		
123	2" SCH80 PVC BALL CHECK VALVE	EA	6		
124	3" SCH80 PVC BALL VALVE, SOCXSOC	EA	2		
125	2"X1-1/4" SCH80 REDUCER BUSHING, SOCXSOC	EA	16		
126	2" SCH80 PVC CROSS, SOCXSOXSOCXSOC	EA	4		

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SECTION 2 - FITTINGS

127	2"X90 DEGREES SCH80 ELBOW, SOCXSOC	EA	10			
128	2" TRUE UNION SCH80 BALL VALVE, SOCXSOC	EA	4			
129	2"X1-1/4" SCH80 PVC REDUCER BUSHING, SPIGXSOC	EA	4			
130	1-1/4" SCH80 VAN STONE FLANGE ADAPTER, SPIGXSOC	EA	4			
131	2" SCH80 TRUE UNION COUPLING, SOCXSOC	EA	6			
132	1-1/4" SCH80 VAN STONE FLANGE ADAPTER, SOCXFLG	EA	10			
133	1-1/4" UNISPHERE SINGLE ARC EXPANSION JOINT, FLGXFLG	EA	10			
134	3"X90 DEGREES SCH80 PVC ELBOW, SOCXSOC	EA	6			
135	3" SCH80 PVC FLANGE ADAPTER, SOCXFLG	EA	6			
136	3" SCH80 TRUE UNION CHECK VALVE, SOCXSOC	EA	2			
137	3" SCH80 PVC CROSS, SOCXSOXSOCXSOC	EA	2			
						Total: \$

Section 3 - Air Release/Valve/Clamp

No.	DESCRIPTION	U/M	REQ.QTY	PRIMARY CAT NO	Unit Price	Extended Cost
1	ADAPTER DIN RAIL MOUNTING	EA	20	196-MTM		
2	AIR RELEASE VALVE, 2" FEMALE X FEMALE	EA	20	SEE DESCRIPTION		
3	AIR RELEASE, VALVE 1"X1/2" ARV-THERMO-	EA	20	PLASTOMATIC ARV		
4	ARRESTOR FRANKLIN 125V P/N 150-814-902	EA	10	150-814-902		
5	ARRESTOR LIGHTNING P/N 15544090	EA	10	155-440-901		
6	AUTO PRIME VALVE	EA	5	38538		
7	CLAMP, FULL CIRCLE 12" AC OD 13.65-14.65	EA	20	FS2-1445-15		
8	CLAMP, FULL CIRCLE 12"PVC OD 13.14-14.34	EA	10	FS1-535-12.5		
9	CLAMP, FULL CIRCLE 16"PVC OD 17.10-18.30	EA	10	FS3-1830-20		
10	CLAMP, FULL CIRCLE 18"PVC OD 19.50-20.70	EA	10	FS3-2070-20		
11	CLAMP, FULL CIRCLE 20"PVC OD 21.60-22.80	EA	10	FS3-2280-20		
12	CLAMP, FULL CIRCLE 24" AC OD 27.96-28.75	EA	10	F3-2875-20"		
13	CLAMP, FULL CIRCLE 24"PVC OD 25.80-27.00	EA	10	FS3-2700-20		
14	CLAMP, FULL CIRCLE 4"PVC OD 4.95-5.35	EA	5	CAT#FSI535-12.5		
15	CLAMP, FULL CIRCLE 6" AC OD 7.16-7.56	EA	50	CAT#FS1745-12.5		
16	CLAMP, FULL CIRCLE 6" PVC OD 7.05-7.45	EA	50	CAT#FS1696-12.5		
17	CLAMP, FULL CIRCLE 8" AC OD 8.99-9.79	EA	50	CAT# FS2-979-15		
18	CLAMP, FULL CIRCLE 8" PVC OD 8.62-9.42	EA	50	JCM162-0863-15		
19	CLAMP, RING FOR LMI PUMPS	EA	20	LMI# 26136		
20	Clamp,Repair (Full Circle) AC 6"X30"	EA	20	FS1-745-30		
21	Clamp,Repair (Full Circle)PVC 6"X30"	EA	20	FS1-724-30		
22	COIL HEATER H1043	EA	3	H1043		
23	COIL HEATER H1049	EA	3	SEE DESCRIPTION		
24	COIL HEATER H1050	EA	3	SEE DESCRIPTION		
25	COIL HEATER H1052	EA	3	SEE DESCRIPTION		
26	CONTACT AUXILARY ADDER DECK SIDEMOUNT	EA	3	AB 195-GA11		
27	CONTACTOR 60AMP,120V AC, 3 PHASE, 50 HP	EA	3	AB 100-C60D10		
28	CONTACTOR AC 3PH 460V,120V COIL 20HP	EA	3	AB 100-A30NS3		
29	CONTACTOR MCS-C IEC 85 AMPS,110V 50/50HZ	EA	10	AB 100-C85KD10		
30	CONTACTOR, MINI 5A, 110V 1-PHASE	EA	3	100-K05D200		

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SECTION 3 - AIR RELEASE/VALVE/CLAMP

31	CONTROL BOX 10HP FRANKLIN	EA	5	2822029330		
32	CONTROL BOX 1HP FRANKLIN	EA	5	CAT# 96011066		
33	CONTROL BOX 2HP FRANKLIN	EA	5	2HP220FT25G230		
34	CONTROL BOX 7.5HP FRANKLIN	EA	5	2822019210		
35	CONTROL CIRCUIT TRANSFORMER 350KVA	EA	5	AB 1497-N11P		
36	COUPLING 16" AC X AC OD 17.05-17.40	EA	10	JCM201-178007		
37	COUPLING TRAN.6"PVC OD 6.84 X AC OD 7.26	EA	50	SEE DESCRIPTION		
38	COUPLING TRANS.8"PVC OD 9.05XAC OD 9.609	EA	50	SEE DESCRIPTION		
39	COUPLING TRANSITION 24"AC TO 24"PVC	EA	5	400-28.22-25.80		
40	COUPLING, DRESSER 8" PVC X PVC	EA	50	FRD FC1-940-940		
41	COUPLING, DRESSER 12" PVC X PVC	EA	20	SEE DESCRIPTION		
42	COUPLING, DRESSER 16" PVC X PVC	EA	10	SEE DESCRIPTION		
43	COUPLING, DRESSER 4" PVC X PVC OD 4.80	EA	5	FC1-480-480		
44	COUPLING,DRESSER 10" PVC X PVC	EA	20	SEE DESCRIPTION		
45	COUPLING,DRESSER 6" PVC X PVC OD 6.86-7.20	EA	10	FORD FC1-720-72		
46	COUPLING,TRANSITION 12"PVC 13.15-13.55 X AC	EA	20	SEE DESCRIPTION		
47	COUPLING,TRANSITION 4" AC X PVC/C-900	EA	25	5.11-5.40/5.30		
48	COVER, TERMINAL KESSLER-ELLIS PROD	EA	20	DTA-TC		
49	ELBOW 2"X45 DEG.S80 PVC SxS	EA	20	DATELINE EXPORT		
50	ELBOW 4"X 45 DEGREE MJXMJ W/COMPLETE SET	EA	20	4"X45DEG MJXMJ		
51	ELBOW 6"X22-1/2 DEGREE	EA	50	6" X 22.5 DEG		
52	ELBOW DI 4" X 22-1/2 DEGREE, MJ X MJ	EA	20	4" X 22.5 MJXMJ		
53	ELBOW DI 8" X 22-1/2 DEGREE MJ X MJ	EA	20	8" X 22.5 MJXMJ		
54	ELBOW DI 8" X 45 DEGREE, MJ X MJ	EA	20	8" X 45 MJ X MJ		
55	ELBOW DI 8" X 90 DEGREE, MJ X MJ	EA	20	8"X 90 MJXMJ		
56	ELBOW, 6"X45 DEGREE MJXMJ CAST IRON	EA	50	6X45 DEG MJXMJ		
57	ELBOW, CAST IRON 4" X 45DEG FLXFL	EA	20	LEE BRASS		
58	ELBOW, CAST IRON 4" X 90DEG FLXFL	EA	10	LEE BRASS		
59	ELBOW, CAST IRON 6" 45DEG FL X FL	EA	20			
60	ELBOW, CAST IRON 6" X 90DEG FLXFL	EA	5	LEE BRASS		
61	ELBOW, CAST IRON 8" X 45DEG FLXFL	EA	20	LEE BRASS		
62	ELBOW, CAST IRON 8" X 90DEG FLXFL	EA	5	LEE BRASS		

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63	ELECTRONIC TIME CONTROLS 24HR/7DAY	EA	20	FM1D20A		
64	ELECTRONIC TIME SWITCH 24HRS/7 DAYS	EA	20	SEE DESCRIPTION		
65	END CAP COUPLING 4" PVC OD 4.80	EA	10	SEE DESCRIPTION		
66	END CAP COUPLING 6" PVC OD 6.90	EA	10	JCM214-0690		
67	END CAP COUPLING 8" PVC OD 9.05	EA	10	JCM214-0905		
68	FIRE HYDRANT COMPLETE 4-1/2X2-1/2X2-1/2	EA	5	SEE DESCRIPTION		
69	FLANGE COUPL.ADAPT.12"PVC OD 13.14-13.56	EA	5	FCA-501OD-13.40		
70	FLANGE COUPLING ADAPT.4"PVC OD 4.70-5.10	EA	20	ROMAC FCA-501		
71	FLANGE COUPLING ADAPT.6"PVC OD 6.81-7.12	EA	50	FCA-501 OD-7.10		
72	FLANGE COUPLING ADAPT.8"PVC OD 8.76-9.17	EA	50	FCA-501 OD-9.25		
73	FLANGED HYDRANT BURY 6HOLE, 6"X30"	EA	10			
74	FLANGED HYDRANT BURY 6HOLE, 6"X36"	EA	10			
75	GASKET FLANGE 4" 150 RED RUBBER 1/8FF	EA	100	150 RED 1/8FF4"		
76	GASKET FLANGE 6"& 6 HOLES FOR FIRE HYDRA	EA	100	6" 1/8FF FIRE/H		
77	GASKET FLANGE 6"150 RED RUBBER 1/8FF	EA	100	150 RED 1/8FF6"		
78	GASKET FLANGE 8"150 RED RUBBER 1/8"FF	EA	100	150 RED 1/8FF8"		
79	GASKET FLANGE FOR 2" WATER METER	PR	50	ROMAC2"FLGASKET		
80	GASKET MAT 1/4" THICK 12" X 24"	EA	2	ROMAC 12X24RM		
81	GASKET MAT 1/4" THICK 23"X 24"	EA	2	ROMAC 23X24RM		
82	GASKET SIGHT GLASS.	EA	20	CAT# CV-RP-G01		
83	GAUGE LIQUID FILLED 0-60	EA	50	EXISTING PART #		
84	GAUGE LIQUID FILLED 0-100	EA	100	AMETEK 100 PSI		
85	GAUGE LIQUID FILLED 0-200	EA	20	AMETEK 200 PSI		
86	HYDRANT EXTENSION SPOOL DI 6HOLE 6"X12"	EA	20			
87	HYDRANT EXTENSION SPOOL DI 6HOLE 6"X6"	EA	20			
88	HYLINK BUTT SPLICES FOR #10 STRANDED CU	CS	50	BURNDYYS10CLBOX		
89	HYLINK BUTT SPLICES FOR #4 STRANDED CU	CS	100	BURNDY YS4CLBOX		
90	HYLINK BUTT SPLICES FOR #6 STRANDED CU	CS	100	BURNDY YS6CLBOX		
91	HYLINK BUTT SPLICES FOR #8 STRANDED CU	CS	50	BURNDY YS8CLBOX		
92	IMPELLER	EA	5	96886553		
93	INJECTOR VALVE 1/4" NPT	EA	10	38028		
94	KIT DIAGPHRAM FOR 10" HYTROL 100	EA	2	CAT# CV-RK-10		

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95	KIT DIAGPHRAM FOR 4" HYTROL 100	EA	20	CV-RK-04		
96	KIT DIAGPHRAM FOR 8" HYTROL 100	EA	5	CAT# CV-RK-08		
97	KIT DIAGPRAM FOR 6" HYTROL 100 6"	EA	20	CV-RK-06		
98	KIT REPAIR FOR 450HP WET END MODEL	EA	2	RPM-352/358		
99	KIT REPAIR FOR AUTO PRIME VALVE	EA	2	38888		
100	MECHANICAL,JOINT 4" ACCESSORY KIT	EA	100	MJGP04		
101	MECHANICAL,JOINT 6" ACCESSORY KIT	EA	100	MJGP06		
102	MECHANICAL,JOINT 8" ACCESSORY KIT	EA	100	MJGP08		
103	REDUCER DI 12"X 6", MJ X MJ	EA	2	12X6RED MJXMJ		
104	REDUCER DI 12"X 8", MJ X MJ	EA	2	12X8RED MJXMJ		
105	REDUCER DI 6"X 4", MJ X MJ	EA	5	6X4RED MJXMJ		
106	REDUCER DI 8"X 4", MJ X MJ	EA	5	8X4RED MJXMJ		
107	REDUCER DI 8"X 6", MJ X MJ	EA	5	8X6RED MJXMJ		
108	SADDLE 10" PVC OD 12.12 X 2" FIPT TAP	EA	5	SEE DESCRIPTION		
109	SADDLE 12" PVC OD 13.20 X 2" FIPT TAP	EA	30	SEE DESCRIPTION		
110	SADDLE 12"A/C(OD 13.20-14.38)X2"TAP	EA	10	F202-1438-IP7		
111	SADDLE 16" PVC OD 18.90 X 2" FIPT TAP	EA	10	SEE DESCRIPTION		
112	SADDLE 4"PVC OD 4.74-5.26 X 2" FIPT TAP	EA	20	P/N-283-054072		
113	SADDLE 4"PVC OD 4.74-5.26 X 3/4"FIPT TAP	EA	20	FC101-526-IP3		
114	SADDLE 8" PVC OD 9.05 X 2" FIPT TAP	EA	20	SEE DESCRIPTION		
115	SADDLE 8" PVC OD 9.62 X 1" FIPT TAP	EA	10	SEE DESCRIPTION		
116	SEAL, MECHANICAL	EA	20	96744341		
117	SEAL, MECHANICAL JCTYPE 21, 1.25"SFT	EA	20	96748361		
118	SLEEVE TAP.10"AC OD (11.79-12.19) X4"TAP	EA	5	CAT# FAST1215-4		
119	SLEEVE TAP.10"DIP OD (11.06-11.45)X6"TAP	EA	2	ROMAC 11.45X4		
120	SLEEVE TAP.10"PVC OD(7.10-7.500) X 4"TAP	EA	2	ROMAC 10.30X4		
121	SLEEVE TAP.12" AC OD (13.98-14.38)X6"TAP	EA	2	CAT# FAST1440-4		
122	SLEEVE TAP.12"DIP OD (13.16-13.56)X4"TAP	EA	2	CAT# FAST1350-4		
123	SLEEVE TAP.12"PVC OD (12.75-12.90)X4"TAP	EA	3	CAT#FAST 1275-4		
124	SLEEVE TAP.6" AC OD (7.10-7.50) X 4"TAP.	EA	4	ROMAC 7.50X4		
125	SLEEVE TAP.6"PVC OD (6.60-7.00) X 4"TAP.	EA	5	ROMAC 7.00X4		
126	SLEEVE TAP.8" AC OD(9.55-9.95)X6 TAP DI	EA	2	6.62097E+13		

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SECTION 3 - AIR RELEASE/VALVE/CLAMP

127	SLEEVE TAP.8" PVC OD(8.62-9.06)X6"TAP DI	EA	2	6.62091E+13		
128	SLEEVE TAP.8" PVC OD(8.63-9.05) X 4" TAP	EA	2	FAST-905-4		
129	SLEEVE TAPPING 16"DIP TO 6"OD17.40-17.80	EA	5	17.40-17.80		
130	STARTER MAG, 480V, SIZE 01	EA	2	SEE DESCRIPTION		
131	STARTER VOLTAGE SIZE	EA	2	SEE DESCRIPTION		
132	STARTER VOLTAGE SIZE 2, 3-PHASE	EA	2	SEE DESCRIPTION		
133	STARTER VOLTAGE SIZE 4	EA	2	SEE DESCRIPTION		
134	STARTER, MAG, 230V, SIZE 0	EA	5	SEE DESCRIPTION		
135	STARTER, MAG,480V SIZE 02	EA	2	SEE DESCRIPTION		
136	STARTER,MAG,230V, SIZE 01	EA	2	SEE DESCRIPTION		
137	STRAINER 1"X 3/8"	EA	2	CV-RP-S10		
138	STRAINER, 3/8" X43	EA	2	CV-RP-S03		
139	SURGE ARRESTOR, 3 PHASE 600VAC	EA	10	SDSA3650 SER.1		
140	SURGE PROTECTOR, SINGLE PH 120/240V	EA	10	SDSA1175 SER.1		
141	TANK STORAGE LMI 50 GALLON	EA	5	LMI 1-350		
142	TAPE, METALLIC	EA	5	METALLIC TAPE		
143	TEE DI 4"X4"X4", FL X FL X FL	EA	5	4T FLXFLXFL		
144	TEE DI 6"X6"X6", MJ X MJ X MJ	EA	5	6T MJXMJXMJ		
145	TEE DI 8"X8"X4" MJ X MJ X FL	EA	5	8X4T MJXMJXFL		
146	TEE DI 8"X8"X4", FL X FL X FL	EA	5	8X4T FLXFLXFL		
147	TEE DI 8"X8"X8", FL X FL X FL	EA	5	8"T FLXFLXFL		
148	TEE DI 8"X8"X8", MJ X MJ X MJ	EA	5	8"T MJXMJXMJ		
149	TEE DI FIRE HYDRANT 12"X12"X6",FLXFLXFL	EA	2	12X6TH FLXFLXFL		
150	TEE DI FIRE HYDRANT 12"X12"X6",MJXMJXMJ	EA	2	12X6TH MJXMJXMJ		
151	TEE DI FIRE HYDRANT 6"X6"X6", MJXMJXFL	EA	5	6TH MJXMJXFL		
152	VALVE BOX LID	EA	20	VALVE BOX LID		
153	VALVE BOX, CI W/PICK HOLE LID MARK WATER	EA	10	OLYMP 926,24,14		
154	VALVE HOUSING LMI LIQUID END PART	EA	5	37767		
155	VALVE SPEED CONTROL, 3/8"	EA	5	CAT# CV-RP-CV3		
156	VALVE, 4 IN ONE	EA	5	36275		
157	VALVE, AIR VACUUM COMBINATION 1"X1"	EA	10	361-CAV564.3		
158	VALVE CHECK 1-1/2	EA	10	SEE DESCRIPTION		

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159	VALVE CHECK 2"	EA	10	SEE DESCRIPTION		
160	VALVE CHECK, CLA-VAL 210-2	EA	5	210-2		
161	VALVE, GATE 20" MJX FL	EA	2	SEE DESCRIPTION		
162	VALVE, GATE 24" MJX FL	EA	2	SEE DESCRIPTION		
163	VALVE, GATE 4" FLXMJ IRON BODY RESILIENT	EA	20			
164	VALVE, GATE, 12" FL X MJ	EA	2	SEE DESCRIPTION		
165	VALVE, GATE, 2" NPT X NPT BRASS 200 PSI	EA	10	HAMMOND IB645		
166	VALVE, GATE, 4" FL X FL	EA	20	SEE DESCRIPTION		
167	VALVE, GATE, 6" FLG X MJ	EA	10	SEE DESCRIPTION		
168	VALVE, GATE, 8", MJXMJ	EA	10	SEE DESCRIPTION		
169	VALVE, CHECK GLOBE 4" FLxFL	EA	30			
170	VALVE, CHECK GLOBE, 1" THREADED	EA	10			
171	VALVE, GATE, 8", FLXMJ	EA	10			
172	GAUGE DIGITAL (0-300)	EA	10			
173	GAUGE LOCKING CASE (DIGITAL)	EA	10			
					Total: \$	

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SECTION 3 - AIR RELEASE/VALVE/CLAMP

Section 4 - Hymax

No.	DESCRIPTION	U/M	REQ.QTY	Unit Price	Extended Cost
1	4" Hymax Coupling Range 4.25"-5.63"	EA	2		
2	4" Hymax Flange Adapter Range 4.25"-5.63"	EA	10		
3	4"x 6" Hymax Reducer Ranges 4.25"-5.63" &	EA	5		
4	5" Hymax Coupling Range 5.12"-6.38"	EA	2		
5	6" Hymax Coupling Range 6.42"-7.68"	EA	2		
6	6" Hymax Flange Adapter Range 6.42"-7.68	EA	10		
7	6"x 8" Hymax Reducer Ranges 6.42"-7.68" &	EA	5		
8	8" Hymax Coupling Range 8.54"-9.84"	EA	10		
9	8" Hymax Flang Adapter Range 8.54"-9.84"	EA	2		
10	12" Hymax Coupling Range 12.40"-13.66"	EA	5		
11	12" Hymax Coupling Range 13.15"-14.41"	EA	1		

Total: \$

Section 5 - Pipes/PE/C-900						
No.	DESCRIPTION	U/M	REQ.QTY	PRIMARY CAT NO	Unit Price	Extended Cost
1	PIPE PVCO 4X20 W/BELL, SPIGOT & GASKET	EA	20	AWWA C909 C/150		
2	PIPE PVCO 8X20 W/BELL, SPIGOT & GASKET	EA	50	8"X20'C-909		
3	PIPE PVCO 10X20 W/BELL, SPIGOT & GASKET	EA	10	80100010		
4	PIPE PVCO 12X20 W/BELL, SPIGOT & GASKET	EA	10	12"X20'C-909		
5	PIPE PVCO 16X20 W/BELL, SPIGOT & GASKET	EA	6	C909 CLASS 150		
6	PIPE PVCO 20X20 W/BELL, SPIGOT & GASKET	EA	2	80100020		
7	PIPE PVCO 24X20 W/BELL, SPIGOT & GASKET	EA	2	80100024		
8	PIPE, PVC 2 x 20' SCH-80 PE	FT	2000			
9	PIPE, PVC 1" X 20' SCH-80 PE	FT	2000			
10	PIPE, PVC 3/4" X 20' SCH-80 PE	FT	1000			
11	PIPE, COLUMN PVC 4" X 10'	EA	100			
12	CEMENT, GRAY SPEARS PVC 11 (GLUE)	EA	200	SPEARS PVC 11		
13	PRIMER PURPLE, SPEARS PRIME 70 PVC-32oz	EA	200	SPEARS PRIME 70		

Total: \$

UPVC COLUMN / DROP PIPES SPECIFICATION

1.0 SCOPE

The Polyvinyl Chloride (PVC) drop pipe for potable water submersible pumps shall be threaded mechanical jointing system, corrosion free and inert to chemicals. The drop pipe to be supplied shall be 4"Ø in nominal pipe size.

2.0 REFERENCE DOCUMENTS

- **ASTM D1784** - Standard Specification for Rigid PVC Compounds and Chlorinated PVC Compounds.
- **ASTM D 1785** – Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedule 40, 80 and 120.
- **ASTM D2837** – Standard Test Method for Obtaining Hydrostatic design Basis for Thermoplastic Pipe materials.
- NSF International:
NSF 61 – Drinking Water system Components – Health Effects

3.0 REQUIREMENTS

- 3.1 **Materials:** Pipe and couplings shall be made from unplasticized PVC compounds having a minimum cell classification of 12454, as defined in ASTM D1784. The compound shall qualify for a Hydrostatic Design Basis (HDB) of 4,000 PSI for water @ 73.4°F, in accordance with the requirements of ASTM D2837.
- 3.2 **Approvals:** PVC drop pipe shall be certified NSF 61 standard for potable drinking water.
- 3.3 **Physical Requirements:** Standard pipe laying length of 20 or 10 feet long heavy duty threaded joints.
- 3.4 **Performance:** All pipe supplied shall meet the performance requirements of ASTM D1785 for schedule 80 pipe.
- 3.5 **Joints:** Pipe shall be joined using a threaded Female X Female precision-machined NPT thread to provide continuous restraint with evenly distributed loading. The joining system shall incorporate elastomeric sealing gaskets which are designed to provide a watertight seal.
- 3.6 **Adapters:** Drop pipe shall be joined to pumps, check valves, pitless adapters as provided by the same manufacturer.

3.7 **Markings:** Drop pipe shall be legibly and permanently marked in ink with the following information:

- Manufacturer and Trade Name
- Nominal Size and Schedule Rating
- Manufacturing Date Code
- NSF 61

Section 6 - EPA Test Kits/Water Quality

No.	DESCRIPTION	U/M	REQ.QTY	PRIMARY CAT NO	Unit Price	Extended Cost
1	CHLORIDE 2 IND POWDER PILLOWS 100 PK	EA	3	CAT# 10433-99		
2	CHLORIDE LOW TEST KIT	EA	4	CAT# 1440-01		
3	CHLORIDE TITRANT SILVER NITRATE.	EA	8	CAT# 23498-32		
4	CHLORINE BLEACH REAGENT REFILL, 50 TESTS	EA	30	CAT# 72415		
5	CHLORINE BLEACH TEST KIT 10ML, 50 TESTS	EA	30	CAT# 72424		
6	COLILERT 18 TRAYPAC COMPARITOR	EA	1	WQT2KC		
7	COMBO PACK COLILERT-18 200	EA	1	99-27074 COMBO		
8	COMPARITOR COLILERT IDEXX VESSEL FILLED	EA	25	CAT# WP104		
9	KITS HACH DPD1 FREE 10ML PILLOWS	EA	5	CAT# 32840		
10	KITS HACH DPD1 FREE 5ML PILLOWS	EA	5	CAT# 32820		
11	KITS HACH DPD4 TOTAL 10ML PILLOWS	EA	5	CAT# 32940		
12	QUANTI-TRAYS 100 PACK STERILE 97-WELL	CS	2	CAT# WQT-2K		
13	REAGENT COLILERT-18 FOR 100ML SAMPLE	CS	5	CAT# WP200-18		
14	SODIUM CHLORIDE STANDARD 1L	EA	20	CAT# 10141		
15	VESSEL 200 PACK 120ML WITH 100ML LINE	CS	5	CATWV120SBST200		
16	PRESSURE AND FLOW GAUGE	EA	10			

Total: \$

Section 7 - Pumps/Motors/Sets

No.	DESCRIPTION	U/M	REQ.QTY	Unit Price	Extended Cost
1	SS SUBMERSIBLE PUMP MODEL 230S150-4	EA	2		
2	SS SUBMERSIBLE PUMP MODEL 230S200-5	EA	2		
3	SS SUBMERSIBLE PUMP MODEL 230S200-6	EA	2		
4	SS SUBMERSIBLE PUMP MODEL 230S300-9	EA	2		
5	SS SUBMERSIBLE PUMP MODEL 230S400-10	EA	2		
6	SS SUBMERSIBLE PUMP MODEL 300S250-5	EA	1		
7	SS SUBMERSIBLE PUMP MODEL 300S250-6	EA	1		
8	SS SUBMERSIBLE PUMP MODEL 300S400-10	EA	2		
9	SS SUBMERSIBLE PUMP MODEL 475S500-6A	EA	2		
10	SS SUBMERSIBLE PUMP MODEL 385S500-6	EA	1		
11	SS SUBMERSIBLE PUMP MODEL 385S300-4	EA	1		
12	SS SUBMERSIBLE PUMP MODEL 85S200-14	EA	1		
13	SS SUBMERSIBLE PUMP MODEL 85S100-9	EA	3		
14	SS SUBMERSIBLE PUMP MODEL 150S150-8	EA	2		
15	SS SUBMERSIBLE PUMP MODEL 150S150-9	EA	1		
16	SS SUBMERSIBLE PUMP MODEL 25S07-5	EA	2		
17	SS SUBMERSIBLE PUMP MODEL 25S30-15	EA	2		
18	SS SUBMERSIBLE PUMP MODEL 25S20-11	EA	4		
19	SS SUBMERSIBLE PUMP MODEL 25S15-9	EA	2		
20	SS SUBMERSIBLE PUMP MODEL 25S50-26	EA	2		
21	SS SUBMERSIBLE PUMP MODEL 25S10-7	EA	2		
22	SS SUBMERSIBLE PUMP MODEL 25S50-17	EA	2		
23	SS SUBMERSIBLE PUMP MODEL 40S75-25	EA	2		
24	PUMP GRUNDFOS MODEL CR32-4 COMPLETE UNIT	EA	4		
25	PUMP GRUNDFOS CR45-3 COMPLETE	EA	1		
26	PUMP GRUNDFOS MODEL CR64-3-2 COMPLETE	EA	2		
27	MOTOR SUB 4",230,1PH 3/4 HP FRANKLIN	EA	1		
28	MOTOR SUB 4",230V,1PH, 1 HP FRANKLIN	EA	2		
29	MOTOR SUB 4",230V,1PH, 1.5 HP FRANKLIN	EA	2		
30	MOTOR SUB 4",230V,1PH, 2 HP FRANKLIN	EA	2		

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SECTION 7 - PUMPS/MOTORS/SETS

31	MOTOR SUB 4",230V,1PH, 3 HP FRANKLIN	EA	2		
32	MOTOR SUB 4",230V,1PH, 5 HP FRANKLIN	EA	2		
33	MOTOR SUB 6",230V,1PH, 7.5 HP FRANKLIN	EA	2		
34	MOTOR SUB 6",230V,1PH, 10 HP FRANKLIN	EA	4		
35	MOTOR SUB 6",460/380,3PH 15HP FRANKLIN	EA	2		
36	MOTOR SUB 6",460/380,3PH 20HP FRANKLIN	EA	4		
37	MOTOR SUB 6",460/380,3PH 25HP FRANKLIN	EA	2		
38	MOTOR SUB 4",230V,3PH, 2 HP FRANKLIN	EA	2		
39	MECHANICAL SEAL, MODEL CRIE3-6	EA	4		
40	MECHANICAL SEAL, MODEL CRIE1-9	EA	4		
41	MECHANICAL SEAL, MODEL CRIE5-7	EA	4		
42	MECHANICAL SEAL, MODEL CR64-2	EA	4		
43	MECHANICAL SEAL, MODEL CR45-3	EA	2		
44	MECHANICAL SEAL, MODEL CR32-4	EA	20		

Total: \$

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SECTION 7 - PUMPS/MOTORS/SETS