

ALAO RO - PUMP MATERIALS

No.	Item Description	U/M	QTY	U/COST	TOTAL
PUMP & MOTOR					
1	CRE 3-6 A-A-A-E HQQE GRUNDFOS PUMP 1.5HP, 60 HZ, SINGLE PHASE INLET/OUT 1" NPT - 20 GPM @ 140FT	EA	5		
PIPE & FITTINGS					
2	1" PVC SCHEDULE 80 PIPE - 20FT	Length	2		
3	1" PVC SCHED 80 UNION SLIP/PLAIN SOCKET END	EA	10		
4	1" PVC ADAPTOR - MNPT & FEMALE SLIP/SOCKET PLAIN	EA	8		
5	2" PVC SCHEDULE 80 PIPE - 20FT	Length	4		
6	2" PVC SCHED 80 UNION BALL VALVE SLIP/PLAIN SOCKET END	EA	18		
7	2" PVC SCHED 80 UNION CHECK VALVE SLIP/PLAIN SOCKET END	EA	6		
8	2" PVC SCHED 80 UNION SLIP/PLAIN SOCKET END	EA	8		
9	2" X 1" PVC SCHED 80 PLAIN REDUCER	EA	10		
10	2" PVC SCHED 80 ADAPTOR - MNPT & FEMALE SLIP/SOCKET PLAIN	EA	12		
11	2" PVC SCHEDULE 80 PLAIN TEE	EA	10		
12	2" PVC SCHEDULE 80 PLAIN ELBOW 90 DEGREES	EA	20		
13	2" PVC SCHEDULE 80 PLAIN ELBOW 45 DEGREES	EA	12		
14	2" X 4" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	6		
15	2" X 6" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	6		
16	4" X 6" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	6		
17	4" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	6		
18	4" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	6		
19	INDUSTRIAL GRADE PVC GLUE FOR SCHEDULE 80 PIPES - 1 QUART	EA	12		
2" INLINE FLOW METER					
20	2" PROLINE PROMAG W 400 ELECTROMAGNETIC METER 10 - 30 GPM RANGE, FLOWRATE DISPLAY & TOTALISER WITH 4 -20mA OUTPUT PROVISION - CLASS 125 FLANGE	EA	4		
21	2" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	10		
PRESSURE GAUGE/SENSORS & ARV FITTINGS					
22	2 X 3/4" PVC SCHED 80 PIPE CLAMP ON SADDLE WITH VITON O-RING	EA	10		
23	3/4" BRASS STOP CURB FNPT X FNPT	EA	28		
24	3/4" X 6" BRASS NIPPLE MNPT	EA	60		
25	3/4" BRASS SOCKET FNPT	EA	24		
26	3/4" BRASS TEE NPT	EA	12		
27	3/4" BRASS 90 DEG ELBOW	EA	12		
28	3/4" X 1/2" BRASS REDUCING BUSHING	EA	12		
29	3/4" X 1/4" BRASS REDUCING BUSHING	EA	8		
30	1/2" STAINLESS BALL VALVE NPT	EA	12		
31	1/4" STAINLESS BALL VALVE NPT	EA	12		
32	0 - 30 PSI LIQUID FILLED PRESSURE GAUGE 4" DIAL FACE BOTTOM ENTRY 1/2"	EA	6		
33	0 - 120 PSI LIQUID FILLED PRESSURE GAUGE 4" DIAL FACE BOTTOM ENTRY 1/2"	EA	6		
34	3/4" PLASTIC AIR RELIEF VALVE ARI D-040 0 - 30 PSI	EA	20		

FAGAITUA - RO

NO.	Item Description	U/M	QTY	U/COST	TOTAL
PUMP & MOTOR					
1	CRE 3-6 A-A-A-E HQQE GRUNDFOS PUMP 1.5HP, 60 HZ, SINGLE PHASE INLET/OUT 1" NPT - 23GPM @ 135FT	EA	5		
PIPE & FITTINGS					
2	1" PVC SCHEDULE 80 PIPE - 20FT	LENGTH	4		
3	1" PVC SCHED 80 UNION SLIP/PLAIN SOCKET END	EA	20		
4	1" PVC ADAPTOR - MNPT & FEMALE SLIP/SOCKET PLAIN	EA	16		
5	2" PVC SCHEDULE 80 PIPE - 20FT	LENGTH	8		
6	2" PVC SCHED 80 UNION BALL VALVE SLIP/PLAIN SOCKET END	EA	36		
7	2" PVC SCHED 80 UNION CHECK VALVE SLIP/PLAIN SOCKET END	EA	12		
8	2" PVC SCHED 80 UNION SLIP/PLAIN SOCKET END	EA	16		
9	2" X 1" PVC SCHED 80 PLAIN REDUCER	EA	20		
10	2" PVC SCHED 80 ADAPTOR - MNPT & FEMALE SLIP/SOCKET PLAIN	EA	24		
11	2" PVC SCHEDULE 80 PLAIN TEE	EA	20		
12	2" PVC SCHEDULE 80 PLAIN ELBOW 90 DEGREES	EA	40		
13	2" PVC SCHEDULE 80 PLAIN ELBOW 45 DEGREES	EA	24		
14	2" X 4" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	12		
15	2" X 6" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	12		
16	4" X 6" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	12		
17	4" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	12		
18	4" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	12		
19	INDUSTRIAL GRADE PVC GLUE FOR SCHEDULE 80 PIPES - 1 QUART	EA	24		
2" INLINE FLOW METER					
20	2" PROLINE PROMAG W 400 ELECTROMAGNETIC METER 10 - 30 GPM RANGE, FLOWRATE DISPLAY & TOTALISER WITH 4 - 20mA OUTPUT PROVISION - CLASS 125 FLANGE	EA	8		
21	2" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	20		
PRESSURE GAUGE/SENSORS & ARV FITTINGS					
22	2 X 3/4" PVC SCHED 80 PIPE CLAMP ON SADDLE WITH VITON O-RING	EA	20		
23	3/4" BRASS STOP CURB FNPT X FNPT	EA	56		
24	3/4" X 6" BRASS NIPPLE MNPT	EA	120		
25	3/4" BRASS SOCKET FNPT	EA	48		
26	3/4" BRASS TEE NPT	EA	24		
27	3/4" BRASS 90 DEG ELBOW	EA	24		
28	3/4" X 1/2" BRASS REDUCING BUSHING	EA	24		
29	3/4" X 1/4" BRASS REDUCING BUSHING	EA	16		
30	1/2" STAINLESS BALL VALVE NPT	EA	24		
31	1/4" STAINLESS BALL VALVE NPT	EA	24		
32	0 - 30 PSI LIQUID FILLED PRESSURE GAUGE 4" DIAL FACE BOTTOM ENTRY 1/2"	EA	12		
33	0 - 120 PSI LIQUID FILLED PRESSURE GAUGE 4" DIAL FACE BOTTOM ENTRY 1/2"	EA	12		
34	3/4" PLASTIC AIR RELIEF VALVE ARI D-040 0 - 30 PSI	EA	40		

PAGO RO - PUMP MATERIALS

NO.	Item Description	U/M	QTY	U/COST	TOTAL
PUMP & MOTOR					
1	CRE 20-6 A-GJ-A-E-HQQE GRUNDFOS PUMP 15HP, 60 HZ, 3 PHASE INLET/OUT 2" FLANGE	EA	5		
2	2" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	8		
PIPE & FITTINGS					
3	2" PVC SCHEDULE 80 PIPE - 20FT	LENGTH	6		
4	2" PVC SCHED 80 UNION BALL VALVE SLIP/PLAIN SOCKET END	EA	18		
5	2" PVC SCHED 80 UNION CHECK VALVE SLIP/PLAIN SOCKET END	EA	6		
6	2" PVC SCHED 80 UNION SLIP/PLAIN SOCKET END	EA	20		
7	2" PVC SCHED 80 ADAPTOR - MNPT & FEMALE SLIP/SOCKET PLAIN	EA	20		
8	2" PVC SCHEDULE 80 PLAIN TEE	EA	10		
9	2" PVC SCHEDULE 80 PLAIN ELBOW 90 DEGREES	EA	20		
10	2" PVC SCHEDULE 80 PLAIN ELBOW 45 DEGREES	EA	12		
11	2" X 4" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	6		
12	2" X 6" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	6		
13	4" X 6" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	6		
14	4" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	6		
15	4" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	6		
16	INDUSTRIAL GRADE PVC GLUE FOR SCHEDULE 80 PIPES - 1 QUART	EA	12		
2" INLINE FLOW METER					
17	2" PROLINE PROMAG W 400 ELECTROMAGNETIC METER 10 - 30 GPM RANGE, FLOWRATE DISPLAY & TOTALISER WITH 4 -20mA OUTPUT PROVISION - CLASS 125 FLANGE	EA	4		
18	2" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	10		
PRESSURE GAUGE/SENSORS & ARV FITTINGS					
19	2 X 3/4" PVC SCHED 80 PIPE CLAMP ON SADDLE WITH VITON O-RING	EA	10		
20	3/4" BRASS STOP CURB FNPT X FNPT	EA	28		
21	3/4" X 6" BRASS NIPPLE MNPT	EA	60		
22	3/4" BRASS SOCKET FNPT	EA	24		
23	3/4" BRASS TEE NPT	EA	12		
24	3/4" BRASS 90 DEG ELBOW	EA	12		
25	3/4" X 1/2" BRASS REDUCING BUSHING	EA	12		
26	3/4" X 1/4" BRASS REDUCING BUSHING	EA	8		
27	1/2" STAINLESS BALL VALVE NPT	EA	12		
28	1/4" STAINLESS BALL VALVE NPT	EA	12		
29	0 - 30 PSI LIQUID FILLED PRESSURE GAUGE 4" DIAL FACE BOTTOM ENTRY 1/2"	EA	6		
30	0 - 120 PSI LIQUID FILLED PRESSURE GAUGE 4" DIAL FACE BOTTOM ENTRY 1/2"	EA	6		
31	3/4" PLASTIC AIR RELIEF VALVE ARI D-040 0 - 30 PSI	EA	20		

AUNUU RO - PUMP MATERIALS

NO.	Item Description	U/M	QTY	U/COST	TOTAL
PUMP & MOTOR					
1	CRE 10-6 K-GJ-A-E HQQE GRUNDFOS PUMP 5HP, 60 HZ, 3 PHASE INLET/OUT 2" FLANGE - 30 GPM @ 145 FT	EA	6		
2	2" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	8		
PIPE & FITTINGS					
3	2" PVC SCHEDULE 80 PIPE - 20FT	LENGT	6		
4	2" PVC SCHED 80 UNION BALL VALVE SLIP/PLAIN SOCKET END	EA	18		
5	2" PVC SCHED 80 UNION CHECK VALVE SLIP/PLAIN SOCKET END	EA	6		
6	2" PVC SCHED 80 UNION SLIP/PLAIN SOCKET END	EA	20		
7	2" PVC SCHED 80 ADAPTOR - MNPT & FEMALE SLIP/SOCKET PLAIN	EA	20		
8	2" PVC SCHEDULE 80 PLAIN TEE	EA	10		
9	2" PVC SCHEDULE 80 PLAIN ELBOW 90 DEGREES	EA	20		
10	2" PVC SCHEDULE 80 PLAIN ELBOW 45 DEGREES	EA	12		
11	2" X 4" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	6		
12	2" X 6" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	6		
13	4" X 6" PVC SCHED 80 REDUCING BUSHING FNPT X MNPT	EA	6		
14	4" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	6		
15	4" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	6		
16	INDUSTRIAL GRADE PVC GLUE FOR SCHEDULE 80 PIPES - 1 QUART	EA	12		
2" INLINE FLOW METER					
17	2" PROLINE PROMAG W 400 ELECTROMAGNETIC METER 10 - 30 GPM RANGE, FLOWRATE DISPLAY & TOTALISER WITH 4 - 20mA OUTPUT PROVISION - CLASS 125 FLANGE	EA	4		
18	2" PVC SCHED 80 THREADED FLANGE CLASS 125	EA	10		
PRESSURE GAUGE/SENSORS & ARV FITTINGS					
19	2 X 3/4" PVC SCHED 80 PIPE CLAMP ON SADDLE WITH VITON O-RING	EA	10		
20	3/4" BRASS STOP CURB FNPT X FNPT	EA	28		
21	3/4" X 6" BRASS NIPPLE MNPT	EA	60		
22	3/4" BRASS SOCKET FNPT	EA	24		
23	3/4" BRASS TEE NPT	EA	12		
24	3/4" BRASS 90 DEG ELBOW	EA	12		
25	3/4" X 1/2" BRASS REDUCING BUSHING	EA	12		
26	3/4" X 1/4" BRASS REDUCING BUSHING	EA	8		
27	1/2" STAINLESS BALL VALVE NPT	EA	12		
28	1/4" STAINLESS BALL VALVE NPT	EA	12		
29	0 - 30 PSI LIQUID FILLED PRESSURE GAUGE 4" DIAL FACE BOTTOM ENTRY 1/2"	EA	6		
30	0 - 120 PSI LIQUID FILLED PRESSURE GAUGE 4" DIAL FACE BOTTOM ENTRY 1/2"	EA	6		
31	3/4" PLASTIC AIR RELIEF VALVE ARI D-040 0 - 30 PSI	EA	20		