

Ayub Teaching Hospital Abbottabad

List of HVAC Tools / Items

S.No	Items/ Product Name	Req Unit
1	Fan Belt Size A-52, A53, A-48, A-65,A-60, A-56	Per No
2	Motor coupling	Per No
3	Bearing 6305	Per No
4	Bearing 6313	Per No
5	Bearing 6309	Per No
6	Gas R 22 Gentron USA or Equalvalent	Per Cylinder
7	Gas R 410 Gentron USA or Equivalant	Per Cylinder
8	S/I DC inverter Floor Standing AC 2 Ton (Kenwood / Dawlance or Equivalant) with Brackets	Per No
9	S/I DC inverter Floor Standing AC 3 Ton (Kenwood / Dawlance Equivalant) with Brackets	Per No
10	S/I DC inverter Floor Standing AC 4 Ton (Kenwood / Dawlance or Equivalant) with Brackets	Per No
11	S/I DC inverter Floor Standing AC 5 Ton (Kenwood / Dawlance or Equivalant) with Brackets	Per No
12	Refrigerator 8 Cubic ft, ES ((Kenwood / PEL / Dawlance or Equivalant)	Per No
13	Refrigerator 12 Cubic ft, ES ((Kenwood / PEL / Dawlance or Equivalant))	Per No
14	Refrigerator 14 Cubic inch, ES ((Kenwood / PEL / Dawlance or Equivalant))	Per No
15	Refrigerator 18 Cubic inch, ES ((Kenwood / PEL / Dawlance or Equivalant))	Per No
16	Pharmaceutical/Medical Refrigerators Accu Cold / Haier Or Equivalant 50 Liters)	Per No
17	Pharmaceutical/Medical Refrigerators Accu Cold / Haier Or Equivalant 100 Liters)	Per No
18	Pharmaceutical/Medical Refrigerators Accu Cold / Haier Or Equivalant 150 Liters)	Per No
19	Pharmaceutical/Medical Refrigerators Accu Cold / Haier Or Equivalant 250 Liters)	Per No
20	Pharmaceutical/Medical Refrigerators Accu Cold / Haier Or Equivalant 300 Liters)	Per No
21	Measuring Tape	per No
22	Allen key set complete	Per No
23	S/I DC inverter 1 Ton (Dawlance / PEL / Gree or Equivalant with Brackets)	Per No
24	S/I DC inverter 1.5 Ton (Dawlance / PEL / Gree or Equivalant with Brackets)	Per No
25	S/I DC inverter 2 Ton (Dawlance / PEL / Gree or Equivalant with Brackets)	Per No
26	Compressor 12000 BTU 1 TON	Per No
27	Compressor 18000 BTU 1.5 TON	Per No
28	Compressor 24000 BTU 2 TON	Per No
29	Compressor 48000 BTU 4 TON	Per No
30	Running Capacitor 30uf	Per No
31	Running Capacitor 35uf	Per No
32	Running Capacitor 50uf	Per No
33	Running Capacitor 60uf	Per No
34	Magnetic Connector 20amp	Per No
35	Magnetic Connector 32amp	Per No
36	Sensors as per sample	Per No
37	Capacitor for condensor fan 5 uf	Per No
38	Capacitor for condensor fan 2.2 uf	Per No
39	Split AC tool kit (Complete)	Per No
40	Insulated Star Set (+ & -)	Per No
41	Copper tube cutter	Per No
42	Copper flaring tool	Per No
43	Manifold Gauge set for R22 & 410-A	Per No
44	Plier	Per No
45	Cutter plier	Per No
46	Back filter	Per No
47	Hapa filter	Per No

48	MS Pipe 1/2"	Per Foot
49	MS Pipe 3/4"	Per Foot
50	MS Pipe 1"	Per Foot
51	MS elbow 1/2"	Per No
52	MS elbow 3/4"	Per No
53	MS elbow 1"	Per No
54	MS elbow 1x1/4"	Per No
55	MS elbow 1x1/2"	Per No
56	MS elbow 2"	Per No
57	MS elbow 2x1/2"	Per No
58	MS Socket 1/2"	Per No
59	MS Socket 3/4"	Per No
60	MS Socket 1"	Per No
61	MS Socket 1x1/4"	Per No
62	MS Socket 1x1/2"	Per No
63	MS Socket 2"	Per No
64	MS Socket 2x1/2"	Per No
65	MS Tee 1/2"	Per No
66	MS Tee 3/4"	Per No
67	MS Tee 1"	Per No
68	MS Tee 1x1/4"	Per No
69	MS Tee 1x1/2"	Per No
70	MS Tee 2"	Per No
71	MS Tee 2x1/2"	Per No
72	MS Union 1/2"	Per No
73	MS Union 3/4"	Per No
74	MS Union 1"	Per No
75	MS Union 1x1/4"	Per No
76	MS Union 1x1/2"	Per No
77	MS Union 2"	Per No
78	MS Union 2x1/2"	Per No
79	MS Nipple 1/2"	Per No
80	MS Nipple 3/4"	Per No
81	MS Nipple 1"	Per No
82	MS Nipple 1x1/4"	Per No
83	MS Nipple 1x1/2"	Per No
84	MS Nipple 2"	Per No
85	MS Nipple 2x1/2"	Per No
86	Dead Plug 1/2"	Per No
87	Dead Plug 3/4"	Per No
88	Dead Plug 1"	Per No
89	Dead Plug 1x1/4"	Per No
90	Dead Plug 1x1/2"	Per No
91	Dead Plug 2"	Per No
92	Dead Plug 2x1/2"	Per No
93	Flange 2-1/2"	Per No
94	Flange 3"	Per No
95	Pipe Wrench 12"	Per No
96	Pipe Wrench 14"	Per No
97	Pipe Wrench 18"	Per No
98	Pipe Wrench 24"	Per No
99	Pipe Wrench 36"	Per No
100	Adjustable Wrench 6"	Per No

101	Adjustable Wrench 12"	Per No
102	Adjustable Wrench 18"	Per No
103	Adjustable Wrench 24"	Per No
104	Adjustable Wrench 14"	Per No
105	Globe Valve 1/2"	Per No
106	Globe Valve 3/4"	Per No
107	Globe Valve 1"	Per No
108	Globe Valve 1/4"	Per No
109	Globe Valve 1x1/2"	Per No
110	Globe Valve 2"	Per No
111	Ball Valve 1/2"	Per No
112	Ball Valve 3/4"	Per No
113	Ball Valve 1"	Per No
114	Ball Valve 1x1/4"	Per No
115	Ball Valve 1x1/2"	Per No
116	Ball Valve 2"	Per No
117	Ampeler	Per No
118	Klinger Sheet	Per No
119	D scaler	Per No
120	Gland Cup	Per No
121	Rawal Bolt Different sizes	Per No
122	Pulley	Per No
123	Right Angle (Gunya) size 12", 2x1/2'	Per No
124	Duct Sheet Cutter	Per No
125	GI Sheet For Ducting size (22, 24 , 26 Gauge)	Per No
126	Duct Round Cutter	Per No
127	Hammer (Wood) for Duct Work	Per No
128	Hammer 1/2 Kg	Per No
129	Hammer 1 kg	Per No
130	Step Ladder with handle (6', 4')	Per No
131	Hacksaw frame	Per No
132	Pipe cutter	Per No
133	Mono Set Single Phase water Pump (.5 HP,1 HP)	Per No
134	Garden Flexible Pipe (1/2", 3/4)	Per No
135	Rawl Bolt	Per No
136	Drill Bit (All sizes)	Per No
137	Portable Blower (Heavy Duty And Medium)	Per No
138	Hillgrove Hex socket set (Goti set)	Per No
139	Hilti machine Triple function Rotary hammer	Per No
140	Double Open End Spinner Set (Complete)	Per No
141	Drill Machine (Medium size)	Per No
142	Rivet Gun	Per No
143	River box	Per No
144	A/C Indoor PCB Board (1 TON) as per sample	Per No
145	A/C Indoor PCB Board (1.5 TON) as per sample	Per No
146	A/C Indoor PCB Board (2 TON) as per sample	Per No
147	A/C Outdoor PCB Board (1 TON) as per sample	Per No
148	A/C Outdoor PCB Board (1.5 TON) as per sample	Per No
149	A/C Outdoor PCB Board (2 TON) as per sample	Per No
150	Rechargeable Flash Light (Torch)	Per No
151	2L Portable Torch Kit Refrigeration reparing complete set	Per No
152	180 Degree Manual Copper Tube Bender	Per No
153	Anemometer (Digital)	Per No

154	Infrared Thermometer (Digital)	Per No
155	Micro Fiber Cloth for AC Cleaning or Equivalent	Per No
156	PPE Safety Gloves for AC Work	Per No
157	Portable Pressure Washer for A/C servicing (100 Bar)	Per No

S.No.	HVAC Electrical Items/tools	Req Unit
1	Relay 32 amp Fugi	Per No
2	Relay 20 amp Fugi	Per No
3	Braker 100 amp	Per No
4	Braker 60 amp	Per No
5	Indicatro bulb	Per No
6	Megger meter	Per No
7	Push Button on/off	Per No
8	Digital Multi meter & Clamp Meter (high quality)	Per No
9	Overload	Per No
10	Amperer meter 100amp	Per No
11	Volt meter 220v	Per No
12	Volt meter 440v	Per No
13	AC pipe 1 ton with insulation wice tap complete	Per No
14	AC pipe 2 ton with insulation wice tap complete	Per No
15	AC pipe 3 ton with insulation wice tap complete	Per No
16	AC pipe 4 ton with insulation wice tap complete	Per No
17	Adhasive tape for AC Drainage piping	Per No
18	Cable Cutter	Per No
19	Non-Adhasive tape for AC Drainage piping	Per No
20	Non-Adhasive tape for AC Drainage piping	Per No

Deputy Director Maintenance

Supervisor