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## TENDER LIST OF HVAC SECTION FOR THE YEAR 2019-20

S. No	ITEMS	QTY
1	Fan belt size A52,A53	Per NO
2	Motor coupling	Per NO
3	Bearing 6305	Per NO
4	Bearing 6309	Per NO
5	Gas R 22 Genatron USA or equivalent	Per cylinder
6	Gas R410 Genatron USA or equivalent	Per cylinder
7	S/I DC inventor Floor standing AC 2 Ton, ( Kenwood or equivalent) with brackets	Per NO
8	S/I DC inventor Floor standing AC 3 Ton, ( Kenwood or equivalent) with brackets	Per NO
9	S/I DC inventor Floor standing AC, 4Ton( Kenwood or equivalent) with brackets	Per NO
10	Refrigerator 8cubicft, ES (Kenwood or equivalent)	Per NO
11	Refrigerator 12cubicft, ES ( Kenwood or equivalent)	Per NO
12	Refrigerator,14cubicft, ES ( Kenwood or equivalent)	Per NO
13	Refrigerator,18cubicft ES ( Kenwood or equivalent)	Per NO
14	S/I DC inverter 1 Ton, ( Dalwance or equivalent) with brackets	Per NO
15	S/I DC inverter 1.5 Ton, ( Dalwance or equivalent) with brackets	Per NO
16	S/I DC inverter 2 Ton ( Dalwance or equivalent) with brackets	Per NO
17	Compressor 12000 Btu 1 Ton	Per NO



18	Compressor 18000 Btu 1.5 ton	Per NO
19	Compressor 24000 Btu 2Ton	Per NO
20	Running capacitor 30uf	Per NO
21	Running capacitor 35uf	Per NO
22	Running capacitor 50uf	Per NO
23	Running capacitor 60uf	Per NO
24	Magnetic connector 20amp	Per NO
25	Magnetic connector 32amp	Per NO
26	Sensor as per sample	Per NO
27	Capacitor for condenser fan 5 uf	Per NO
28	Capacitor for condenser fan 2.2 uf	Per NO
29	Split AC kit tool	Per NO
30	Star set	Per NO
31	Plier	Per NO
32	Cutter plier	Per NO
33	Back filter	Per NO
34	Hapa filter	Per NO
35	MS pipe 1/2"	Per foot
36	MS pipe 3/4"	Per foot
37	MS pipe 1"	Per foot
38	MS Elbow 1/2"	Per NO
39	MS Elbow 3/4"	Per NO
40	MS Elbow 1"	Per NO
41	MS Elbow 1x1/4"	Per NO
42	MS Elbow 1x1/2"	Per NO
43	MS Elbow 2"	Per NO
44	MS Elbow 2x1/2"	Per NO
45	MS Socket 1/2"	Per NO
46	MS Socket 3/4"	Per NO
47	MS Socket 1"	Per NO

48	MS Socket 1x1/4 "	Per NO
49	MS Socket 1x1/2"	Per NO
50	MS Socket 2"	Per NO
51	MS Socket 2x1/2"	Per NO
52	MS Tee 1/2"	Per NO
53	MS Tee 3/4 "	Per NO
54	MS Tee 1"	Per NO
55	MS Tee 1x1/4 "	Per NO
56	MS Tee 1x1/2"	Per NO
57	MS Tee 2"	Per NO
58	MS Tee 2x1/2"	Per NO
59	MS Union 1/2"	Per NO
60	MS Union 3/4 "	Per NO
61	MS Union 1"	Per NO
62	MS Union 1x1/4 "	Per NO
63	MS Union 1x1/2"	Per NO
64	MS Union 2"	Per NO
65	MS Union 2x1/2"	Per NO
66	MS Nipple 1/2"	Per NO
67	MS Nipple 3/4 "	Per NO
68	MS Nipple 1"	Per NO
69	MS Nipple 1x1/4"	Per NO
70	MS Nipple 1x1/2"	Per NO
71	MS Nipple 2"	Per NO
72	MS Nipple 2x1/2"	Per NO
73	Dad plug 1/2"	Per NO
74	Dad plug 3/4 "	Per NO
75	Dad plug 1"	Per NO
76	Dad plug 1x1/4"	Per NO
77	Dad plug 1x1/2"	Per NO

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78	Dad plug 2"	Per NO
79	Dad plug 2x1/2"	Per NO
80	Flange 2x1/2"	Per NO
81	Flange 3"	Per NO
82	Pipe wrench 12"	Per NO
83	Pipe wrench 14"	Per NO
84	Adjustable 12"	Per NO
85	Adjustable 14"	Per NO
86	Globe valve 1/2"	Per NO
87	Globe valve 1"	Per NO
88	Globe valve 1x1/2"	Per NO
89	Ball valve 1/2"	Per NO
90	Ball valve 1"	Per NO
91	Ball valve 1x1/2"	Per NO
92	Ampeler	Per NO
93	Klinger sheet	Per Kg
94	D scaler	Per kg
95	Shaft	Per NO
96	Gland cup	Per NO
97	Rawal boults different size	Per NO
98	Pulley	Per NO

## HVAC ELECTRICAL ITEMS

99	Relay 32 amp fugi	Per NO
100	Relay 20 amp fugi	Per NO
101	Bracker 100amp	Per NO
102	Bracker 60 amp	Per NO
103	Indicator bulb	Per NO
104	Push button on/off	Per NO
105	Multi meter	Per NO



106	Over load	Per NO
107	Amper meter 100amp	Per NO
108	Volt meter 220 V	Per NO
109	Volt meter 440V	Per NO
110	AC pipe for 1 ton with insulation wice tap Complete	Per NO
111	AC pipe for 1.5 ton with insulation wice tap Complete	Per NO
112	AC pipe for 2 ton with insulation wice tap Complete	Per NO
113	AC pipe for 3 ton with insulation wice tap Complete	Per NO
114	AC pipe for 4 ton with insulation wice tap Complete	Per NO



## Ayub Teaching Hospital

Abbottabad

List of store items for Medical Gas Planr Room.

S.NO	Product Name	Unit	Rate
1	Copper pipe Quarter (as per Sample)	Rft	
2	Copper pipe 1/2" (as per Sample)	Rft	
3	Copper pipe 3/4" (as per Sample)	Rft	
4	Elbow 1/2" (as per Sample)	P/No	
5	Tee 1/2" (as per Sample)	P/No	
6	Socket 1/2" (as per Sample)	P/No	
7	Elbow 3/4" (as per Sample)	P/No	
8	Tee 3/4" (as per Sample)	P/No	
9	Socket 3/4" (as per Sample)	P/No	
10	Copper Rod	per(Kg)	
11	Oxygen outlet point with Bas Complete (as per sample)	P/No	
12	Oxygen outlet point without Bas (as per sample)	P/No	
13	Oxygen Bottle (as per samlpe)	P/No	
14	Vacuum outlet points (as per sample)	P/No	
15	Compressed Air outlet point with Bas complete (As per sample)	P/No	
16	Compressed Air outlet point without Bas (As per sample)	P/No	
17	3 phase Air compressor working presure 180-200psi H.power 15HP tenk capacity =300Ltr capacity= 2200 Ltr/min (Puma or Equivalent )	P/No	
18	Oxygen Regulator for Cylinder use (as per sample)	P/No	
19	Oxygen flow meter for central supply system (as per sample)	P/No	
20	Brand New oxygen Large cylinders 240Cft (Tested )	P/Cylinder	
21	Brand New oxygen Small cylinders 48Cft (Tested )	P/Cylinder	
22	Oxygen Mask (large size as per sample)	P/No	
23	Oxygen Mask (Small size as per sample)	P/No	
24	Oxygen cylinder opening keys	P/No	
25	Refilling of Co2 Cylinders	P/Kg	
26	Refilling of Acetylene Cylinder	P/kg	
27	Iron Wire for welding	P/Kg	
28	Compressor Belt (as per sample)	P/No	
29	Compressor oil (Puma Or equivalent)	P/Ltr	
30	Vacuum Oil Delo 2040 color yellow (as per sample)	P/Ltr	
31	Co2 valve (as per sample)	P/No	
32	Line Valve with fitting 1/4"(Kitz or equivalent as per sample)	P/No	
33	Line valve with fitting 1/2"(Kitz or equivalent as per sample)	P/No	
34	Line valve with fitting 3/4"(Kitz or equivalent as per sample)	P/No	
35	Cylinder trolley (small, Large size as per samlpe)	P/No	
36	Oxygen probes (as per sample)	P/No	
37	Clip Quarter	P/No	
38	Clip 1/2", 1"	P/No	
39	Rawal plug 1/2", 1", 2"	P/No	
40	Vacum Regulator complete (as per sample)	P/No	

Mechanical Engineer

Supervisor

Item No: 2

11 (C)

**TENDER LIST MAINTENANCE STORE ITEMS FOR THE YEAR 2019-20**

S.No	Description	Unit	App:Qty	Rate
	<b>BOQ FOR LAUNDRY PLANT</b>			
1	S & i Press Cloth 2mm		Psft	
2	S & i Wire Net for Press Machine		Psft	
3	GI Sheet 18 Guage		Psft	
4	GI Sheet 20 Guage		Psft	
5				