

Govt. ITI, Bhubaneswar

Package:10 (R & AC General Machinery Shop Outfit)

Sl. No	Name of the items	Qty(nos)
1	Split phase induction motor ¼ hp, 230 V with all accessories in complete	3
2	Capacitor start induction motor ½ Hp, 230 V with all accessories in complete	3
3	AC 3 Phase motor, 400/50 Hz 2 Hp with all accessories in complete	3
4	Star delta starter 2 hp with all accessories in complete	3
5	Auto Transformer starter 3 hp with all accessories in complete	3
6	D.O.L Starter 2 hp with all accessories in complete	3
7	Portable air – LPC brazing kit 2 kg. LPC cylinder, torches, houses, stand make with all accessories in complete	3
8	Oxy-acetylene welding set complete cylinders, regulators welding torches with all accessories in complete	3
9	Refrigerator 165L carrying with HFC- 134a, & HC with all accessories in complete Each 6 nos.	12
10	Frost free refrigerator 200L carrying with HC blend with all accessories in complete	6
11	Three/four door refrigerator 300L carrying with HC R-600a with all accessories in complete	6
12	Bench Drilling machine 20 mm capacity, 200- 2500rpm with all accessories in complete	3
13	Grinding Machine 200mm, 3000rpm, Double ended 1/2 hp with all accessories in complete	3
14	i) Evacuating and refrigerant charging station, consist of a)Rotary two stage vacuum pump and motor (with gas ballast and anti such back) b) manifold with gauges and valves and capable of pulling vacuum up to 50 microns of Hg and with provision of connecting to a provision of connecting to a microns level vacuum gauge c) Graduated charging cylinder with provision for temperature correction and all necessary isolating valves with all accessories in complete	3
	ii) Evacuating and charging station as above but fitted with weighing scale (CAP. 2 kg. In lieu of (b) above and with accuracy of +/-1 g for charging hydrocarbons) with all accessories in complete	3
15	Two stage rotary vacuum pump capacity approx. 60 – 10rpm capable of evacuating to 50 microns of Hg and fitted with gasballast, anti such back valve and single phase motor with all accessories in complete	3
16	Air compressor, two stage for oil – less dry air, with rush proof tank assembly, heater and controls max. pr. 10 kgs /sq.m Capacity 45 ltr. Motor 1 hp. with all accessories in complete	3
17	Reciprocating Compressor with provision for capacity control etc. for demonstration. Capacity 9000Kcal/hr. semi hermetic open type. with all accessories in complete	3
18	Dry N2 in cylinder 2 stage regular or commercial N 2 in cylinder with drier unit and 2 stage regular 7meter cube with all accessories in complete	3
19	Window A.C 1 Ton with R-22 or HFC Blend reciprocating compressor with all accessories in complete	3
20	Split A.C 1.5 Ton with R134a or R-22 reciprocating compressor with all accessories in complete	6

21	Duct able split A.C 1.5 ton 1.5 Ton with R134a or R- 22 reciprocating compressor with all accessories in complete	3
22	Recovery unit with cylinders CFC & 134 a with all accessories in complete Each 3 nos.	6
23	Heat pump 3000 Kcal/hr with all accessories in complete	3
24	Cassette Air conditioner 4500 kcal/hr with R- 404 .with all accessories in complete	3
25	De scaling pump set with stainless steel impeller and housing complete with motor 1/2 with all accessories in complete	3
26	Fan coil unit with water valves (2 & 3 way) with all accessories in complete	3
27	Shell and tube, DX chillers (small) 5 Ton with Cu tubing only. with all accessories in complete	3
28	Circulating water pump (small) 0.5 H.P with stainless steel tank capacity 20 litres with in let/outlet provision. with all accessories in complete	3
29	Shell and tube type condenser 5 Ton with all accessories in complete	3
30	Rotary hermetic compressor 2 Ton with all accessories in complete	3
31	Screw compressor 5Ton (Reconditioned type) with all accessories in complete	3
32	scroll compressor 1Ton with all accessories in complete	3
33	Bottle cooler visible 200 L carrying with HFC-134a & reciprocating compressor with all accessories in complete	3
34	Deep freezer 200 L carrying with HFC- 134a & reciprocating compressor with all accessories in complete	3
35	Water cooler storage type 200 L carrying with HFC- 134a& reciprocating compressor with all accessories in complete	3
36	CAR AC tutorial model with all accessories in complete	3
	TOTAL	132