

Annexure 8

Details of HVAC System

S.no	Description	Qty	Make/Supplier	Model	Capacity
Air conditioning System					
1	Screw Chiller TG	3	Carrier	30XW532P	125 TR
2	Air Handling unit	2	Zeco Aircon Limited	ZDS-130	12500 CFM
3	Air Handling unit	3	Zeco Aircon Limited	ZDS-220	22000 CFM
4	Air Handling unit	3	Zeco Aircon Limited	ZDS-280	28000 CFM
5	Fan Coil Unit	5	Zeco Aircon Limited	ZFCU-16	1600 CFM
6	Fresh Air Fan	1	Aircon		2766 CFM
7	Fresh Air Fan	1	Aircon		1640 CFM
8	Fresh Air Fan	1	Aircon		349 CFM
9	Fresh Air Fan	2	Aircon		898 CFM
10	Smoke air Fan	1	Aircon		29200 CFM
11	Smoke air Fan	1	Aircon		9860 CFM
12	Smoke air Fan	1	Aircon		4420 CFM
13	Smoke air Fan	1	Aircon		6885 CFM
14	Cooling Tower TG Hall	6	Paharpur	2-3851 (TB)	125 CMH
15	Cooling Tower ESP Control room	4	Paharpur	3841 (TB)	44 CMH
16	Chilled Water Pump	3	Wilo	SCP 100-360-HA	88 m3/Hr
17	Condensate Water Pump	3	Wilo	SCP 100-360-HA	130 m3/Hr
18	Condensate Water Pump (ESP)	4	Wilo	SCP 50-340-HA	44 m3/Hr
19	Package air conditioner (ESP)	6	Schneider Electric	Leonardo TUAV1822	20 TR
20	Expansion tank	1	SINTEX / PATTON	1100mm DIA X 1240mm HEIGHT	1 M3
21	Make-up water tank	3	SINTEX / PATTON	1350mm DIA X 1600 Height	2 M3
22	Precision air conditioner (Switch yard CR)	3	Emerson	PX031UA	7.6 TR
Air washery system					
1	Centrifugal Fan air washer TG	16	SK System Pvt Ltd	SKLD-152 Arr. Y	140000 m3/hr
2	Pumps air washer TG	16	KBL	Horizontal Split case	140 M3/HR
3	Recirculation water Pumps air washer TG	16	KBL	Monoblock Pump	80m3/hr
4	Centrifugal Fan UAF ESP	2	SK Systems Pvt. Ltd.	SKLL-168 Arr. Y	100000 M3/HR
5	Pumps UAF ESP	4	KBL	Horizontal Split case	45 M3/HR
6	Centrifugal Fan UAF CHP	1	Aerovent	LL-113-V	42500CMH
7	Pumps UAF CHP	2	KIRLOSKAR	KDS527	30CMH