

Annexure-UPS

1.0	Station UPS/Valve Cooling UPS	Quantity (Vizag)
1.1	Thyristors/ IGBT	1 No. of each type
1.2	Bridge	1 No.
1.3	Control, alarm and interface Cards	1 No. of each type
1.4	DC/DC converter	1 No.
1.5	Contactor Assembly	1 No. of each type
1.6	Servo Amplifier with brush set	1 No.
1.7	Cooling Fan each type and rating	1 No.
1.8	MCBs/ MCCBs each type and rating	1 No.
1.9	Fuses each type and rating	1 No.
1.10	Battery for UPS (with 1 No unit cell charger)	10 Nos for population more than or equal to 100. 5 Nos for population less than 100.
1.11	Terminal connector with bolt & Nuts	10 Nos (Each type)
1.12	VFD (for Valve cooling system)	1 No.
1.13	Auxiliary switches, contacts and relays- each type and rating	1 No.

2.0	UMD (if applicable)	Quantity (Vizag)
1.1	Rectifier of each type	1 No.
1.2	MCBs/ MCCBs each type and rating	1 No.
1.3	Fuses each type and rating	1 No.
1.4	Auxiliary switches, contacts and relays- each type and rating	1 No.
1.5	DC filter	1 No.
1.6	DC/DC converter	1 No.
1.7	Power Supply unit	1 No.
1.8	Redundancy module and I/O module	1 No.
1.9	Cooling Fan each type and rating	1 No.
1.10	VFD (for Valve cooling system), Diode module pump	1 No.
1.11	Locking mechanism	1 set
1.12	Terminal shield	1 set
1.13	Trip unit	1 set