

1	GPP-2 Hot oil System Panel		BOARD QTY		
A	INCOMER 630A, MCCB		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	630A 3P 36kA MCCB,TMD Release,Type: EasyPact CVS	SCHNEIDER	LV563307	1	1
2	Auxiliary Contacts (Changeover) Multifunction, OF or SD or SDE or SDV for EasyPact CVS 100-630A	SCHNEIDER	29450	2	2
3	Standard extended rotary handle for EasyPact CVS 400/630A	SCHNEIDER	LV432598_IN	1	1
4	Spreader Links (Set of 3) 3P for EasyPact CVS 630A	SCHNEIDER	LV432492	2	2
5	Green Direct Integral LED indicating lamp,Voltage: 230V AC	SCHNEIDER	XB7EV03MPN	1	1
6	Red Direct Integral LED indicating lamp,Voltage: 230V AC	SCHNEIDER	XB7EV04MPN	1	1
7	Amber Direct Integral LED indicating lamp,Voltage: 230V AC	SCHNEIDER	XB7EV08MPN	1	1
8	6A 1P 10kA C-Curve MCB,Type: xC60	SCHNEIDER	A9N1P06C	3	3
9	Multifunction Meter-Load Manager with RS485 port, Parameters: V, A, F, PF, W/VA, Wh /VAh, Runhrs, Onhrs & Interrupts & Suppression Current (5 to 99 mA), Acc. Cl: 1.0, 3Ph, Operating voltage: 80 to 480V AC, Size: 96X96, Model: EM6436H	SCHNEIDER	METSEEM6436HCL10RS	1	1
10	600/5A 15VA Resin Cast Acc. Cl: 1 Ring Type Current Transformer, ID: 80mm	AE	NA	3	3
11	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	FNL 32C	1	1
12	6 Sq.mm Test-Disconnect Terminal (Std. Color),Type: CATD M4	ELMEX	CATD M4	3	3
13	POWER TERMINAL BUS BAR	REPUTED		1	1
B	30KW VFD FEEDERS	MAKE	1	FEEDER QTY	4
1	100A 3P 36kA MCCB,TMD Release,Type: EasyPact CVS	SCHNEIDER	LV510337	1	4
2	Standard extended rotary handle for EasyPact CVS 100/160/250A	SCHNEIDER	LV429338_IN	1	4
3	30KW VFD HEAVY DUTY	ABB/AMTECH	ACS880-01-087A-3/ AMT-0077A-4	1	4
4	10A Auxiliary Contactor, Coil: 220V AC, Aux. Contact: 2NO+2NC, Type: CAE	SCHNEIDER	CAE22M5	3	12
5	Green Flush Type Illuminated Spring Return Push Button with Integral LED, Voltage: 24V AC/DC, Contacts: 1NO	SCHNEIDER	XB5AW33B1N	1	4
6	Red Flush Type Illuminated Spring Return Push Button with Integral LED, Voltage: 24V AC/DC, Contacts: 1NC	SCHNEIDER	XB5AW34B2N	1	4
7	6A 2P 10kA C-Curve MCB,Type: xC60	SCHNEIDER	A9N2P06C	1	4
8	Amber Direct Integral LED indicating lamp,Voltage: 230V AC	SCHNEIDER	XB7EV08MPN	1	4
9	10A 2P 10kA C-Curve MCB,Type: xC60	SCHNEIDER	A9N2P10C	1	4
10	AUX. RELAY WITH 2C/O CONTACT 24V DC	PHOENIX	REL-IR-BL/L-24V DC/4X2	2	8
11	Input Line Choke with 3% Impedance 30kW	MAKE		1	4
12	Output Line Choke with 3% Impedance 30kW	MAKE		1	4
13	Black 3-position Non-Illuminated Stayput Selector Switch, Contacts: 2NO, Voltage: AC	SCHNEIDER	XB5AJ33N	1	4
14	Cooling Fan with filter	Hi cool/reputed		1	4
15	4 Sq.mm Feed Through Terminal (Std. Color),Type: KUT 4	ELMEX	KUT 4	20	80
16	70 Sq.mm Power Terminal (Non-Std. Color),Type: SPT 70	ELMEX	SPT 70	3	12
17	Power wiring 35sq mm FRLS insulated Cu. Wire	Reputed		1	4
18	Control wiring 1.5Sq mm FRLS insulated Cu. Wire	RR/Policab/KEI		1	4
19	Dual Output signal isolator	REPUTED		3	12
C	11KW VFD FEEDER	MAKE	1	FEEDER QTY	1
1	100A 3P 36kA MCCB,TMD Release,Type: EasyPact CVS	SCHNEIDER	LV510337	1	1
2	Standard extended rotary handle for EasyPact CVS 100/160/250A	SCHNEIDER	LV429338_IN	1	1
3	11KW VFD HEAVY DUTY	ABB/AMTECH	ACS880-01-038A-3/ AMT-0033A-4	1	1
4	10A Auxiliary Contactor, Coil: 220V AC, Aux. Contact: 2NO+2NC, Type: CAE	SCHNEIDER	CAE22M5	3	3
5	Green Flush Type Illuminated Spring Return Push Button with Integral LED, Voltage: 24V AC/DC, Contacts: 1NO	SCHNEIDER	XB5AW33B1N	1	1
6	Red Flush Type Illuminated Spring Return Push Button with Integral LED, Voltage: 24V AC/DC, Contacts: 1NC	SCHNEIDER	XB5AW34B2N	1	1
7	6A 2P 10kA C-Curve MCB,Type: xC60	SCHNEIDER	A9N2P06C	1	1
8	Amber Direct Integral LED indicating lamp,Voltage: 230V AC	SCHNEIDER	XB7EV08MPN	1	1
9	10A 2P 10kA C-Curve MCB,Type: xC60	SCHNEIDER	A9N2P10C	1	1
10	AUX. RELAY WITH 2C/O CONTACT 24V DC	PHOENIX	REL-IR-BL/L-24V DC/4X2	2	2
11	Input Line Choke with 3% Impedance 30kW	MAKE		1	1
12	Output Line Choke with 3% Impedance 30kW	MAKE		1	1
13	Black 3-position Non-Illuminated Stayput Selector Switch, Contacts: 2NO, Voltage: AC	SCHNEIDER	XB5AJ33N	1	1
14	Cooling Fan with filter	Hi cool/reputed		1	1
15	4 Sq.mm Feed Through Terminal (Std. Color),Type: KUT 4	ELMEX	KUT 4	20	20
16	70 Sq.mm Power Terminal (Non-Std. Color),Type: SPT 35	ELMEX	SPT 35 (R, Y, B)	3	3
17	Power wiring 35sq mm FRLS insulated Cu. Wire	Reputed		1	1
18	Control wiring 1.5Sq mm FRLS insulated Cu. Wire	RR/Policab/KEI		1	1
19	Dual Output signal isolator	REPUTED		3	3
D	55KW SOFT STARTER FEEDER	MAKE	1	FEEDER QTY	2
1	160A 3P 36kA MCCB,TMD Release,Type: EasyPact CVS	SCHNEIDER	LV516333	1	2
2	Standard extended rotary handle for EasyPact CVS 100/160/250A	SCHNEIDER	LV429338_IN	1	2
3	Spreader Links (Set of 3) 3P for EasyPact CVS 160/250A	SCHNEIDER	LV431563	2	4
4	55kW Soft Starter, Class 10, Supply Voltage: 100-250V AC, Type: PSTX142-600-70	ABB	1SFA898110R7000	1	2

5	10A Auxiliary Contactor, Coil: 220V AC, Aux. Contact: 2NO+2NC, Type: CAE	SCHNEIDER	CAE22M5	2	4
6	Green Flush Type Illuminated Spring Return Push Button with Integral LED, Voltage: 24V AC/DC, Contacts: 1NO	SCHNEIDER	XB5AW33B1N	1	2
7	Red Flush Type Illuminated Spring Return Push Button with Integral LED, Voltage: 24V AC/DC, Contacts: 1NC	SCHNEIDER	XB5AW34B2N	1	2
8	6A 2P 10kA C-Curve MCB, Type: xC60	SCHNEIDER	A9N2P06C	2	4
9	10A 2P 10kA C-Curve MCB, Type: xC60	SCHNEIDER	A9N2P10C	1	2
10	Amber Direct Integral LED indicating lamp, Voltage: 230V AC	SCHNEIDER	XB7EV08MPN	1	2
11	AUX. RELAY WITH 2C/O CONTACT 24V DC	PHOENIX	REL-IR-BL/L-24V DC/4X2	2	4
12	Cooling Fan with filter	Hi cool/reputed		1	2
13	Black 3-position Non-Illuminated Stayput Selector Switch, Contacts: 2NO, Voltage: AC	SCHNEIDER	XB5AJ33N	1	2
14	4 Sq.mm Feed Through Terminal (Std. Color), Type: KUT 4	ELMEX	KUT 4	20	40
15	95 Sq.mm Power Terminal (Non-Std. Color), Type: SPT 95	ELMEX	SPT 95 (R, Y, B)	3	6
16	Copper Bus Bar	Reputed		1	2
17	Power wiring 35Sq mm FRLS insulated Cu. Wire	RR/Policab/KEI		1	2
18	Control wiring 1.5Sq mm FRLS insulated Cu. Wire	RR/Policab/KEI		1	2
S.N.	FABRICATION & BUSBAR DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL FABRICATION : 14/16 SWG CRCA Sheet PRE TREATMENT: 7 TANK PROCESS PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7035) TYPE: INDOOR TYPE, FREE FLOOR STANDING, FIX TYPE, SINGLE FRONT, COMPARTMENTLISED DESIGN, SINGLE DOOR CABLE ENTRY: TOP/BOTTOM (DETACHABLE GLAND PLATE UNDRILLED)	RASHMI ELECTRICALS	MS/CRCA	1	JOB
3	BUSBAR: PH: 1x000x6, N: 1X000X6 Material: Copper Current Density: 1.6 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves	REPUTED	Copper	1	SET
4	Various Panel Accessories (Lugs, Wires, Ferrules, Thimbles, Grommets, PVC Tape, Legends etc.)	REPUTED	NUT, BOLTS, LUGS ETC.	1	LOT
5	WIRING	REPUTED	CU- WIRE	1	LOT