

**Annexure 'C'**  
**TECHNICAL SPECIFICATIONS**

<b>TYPE OF PANEL:</b>	Free Floor Fixed Standing, Single front, Compartmentalized.
<b>CABLE ENTRY:</b>	Top / Bottom (Detachable Gland Plate Undrilled)
<b>AMBIENT TEMP :</b>	40 – 50° C
<b>MAIN BUSBAR:</b>	Electrolytic Grade Aluminum Bas Bar (Current Density : 1.0A / 1.0 Sq. mm)
<b>EARTH BUS BAR:</b>	Aluminum Bas Bar
<b>STRUCTURE:</b>	Enclosure will be made of CRCA sheet form 2 mm, Door & Partition 1.6 mm.
<b>PRE TREATMENT:</b>	7 Tank Process
<b>PAINT:</b>	Powder Coated with Siemens Grey Shade (RAL – 7035) after pretreatment
<b>TESTING:</b>	Routine tests at our works-Ghaziabad
<b>WIRING:</b>	Control wiring with 1.0Sq mm and Power wiring will be as per Range of Equipment.

Ref: RE/QT/RE/QT/ES/UPSDB/0

**Annexure 'D'**  
**Bill of Materials**

1	4X40KVA UPS OUTPUT PANEL WITH MANNUAL BYPASS CUM DISTRIBUTION PANEL		BOARD QTY	1
A	OUTGOING		FEEDER QTY	2
SR. NO.	BOQDESCRIPTION	MAKE	QTY	TOTAL QTY
1	400A 4P 50kA MCCB, TM Release	SCHNEIDER	1	2
2	Spreader Links (Set of 4) 4P for 400A	SCHNEIDER	2	4
3	Standard extended rotary handle	SCHNEIDER	1	2
4	Under Voltage, Voltage: Release 220-240V AC 50/60Hz	SCHNEIDER	1	2
5	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE/SCHNEIDER	1	2
6	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE/SCHNEIDER	1	2
7	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE/SCHNEIDER	1	2
8	6A 1P 10kA C-Curve MCB	SCHNEIDER	3	6
B	METERING	MAKE	FEEDER QTY	1
1	Multifunction Meter, with RS485 & 2 Line 4 Digit LED Display, 1Ph, Parameters : VAF + THD+ RH + OH + NI + MM + RPM, Acc. CL: 1, Input: 57.7-300V L-N 30A, Aux. Supply: 60-280V AC/DC, Size: 96X96, Model: RISH CD30 - with RS485	RISHABH/SCHNEIDER	1	1
2	400/5A 15VA Tape Wound Acc. Cl: 1 Ring Type Current Transformer, ID: 60mm	AE/RELEC	3	3
3	400A 4P Changeover System (Complete Assembly)	SCHNEIDER/SOCOMAC/ELMEASURE	1	1
C	OUTGOING 125A 4P	MAKE	FEEDER QTY	8
1	125A 4P 25kA MCCB, TM Release	SCHNEIDER	1	8
2	Standard extended rotary handle	SCHNEIDER	1	8
3	Spreader Links (Set of 4) 4P for 160/250A	SCHNEIDER	2	16
S.N.	FABRICATION & BUSBAR DETAILS	MAKE	QTY	UNIT
1	<b>PANEL</b> 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 (RELEC)	1	JOB
2	<b>BUSBAR: PH: 1x000x6, N: 1X000x6</b> Material: Electrolytic grade Aluminum Current Density: 1.0 Amp/Sq. mm for 415V 50Hz Insulation: Color coded heat shrinkable Sleeves	REPUTED	1	SET
3	<b>BUSBAR: PH: 1x25x10, N: 1X25X10</b> Material: Copper Current Density: 1.6 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves	EC-GRADE	1	SET
4	Various Panel Accessories (Lugs, Wires, Ferrules, Thimbles, Grommets, PVC Tape, Legends etc.)	REPUTED	1	LOT
5	WIRING	REPUTED	1	LOT