



REF NO: **DVEPL/24-25/6543/R6** 

Date - 13-July-2024

TO,

ANAPURNA HOTEL,

**KANDRORI** 

Kind Attn.: Mr.Sukhdev Mobile No.: xxxxx-xxxxx

Email ID:

Sub: QUOTATION FOR LT PANEL

Dear Sir,

We acknowledge with thanks the receipt of your valued enquiry regarding above mentioned subject. We are pleased to furnish our most competitive offer for your favorable consideration as under.

ANNEXURE - I: FABRICATION DETAILS & TECHNICAL SPECIFICATIONS

**ANNEXURE - II: BILL OF MATERIAL** 

ANNEXURE- III: PRICE SCHEDULE

**ANNEXURE- IV: TERMS AND CONDITIONS** 

We hope the detailed BOQ & Tech Specs here under is as per your requirement.

Should you need any further clarification(s) please feel free to contact us. We look forward for an opportunity to serve you.

Thanking you,

Yours faithfully,

For D.V. ELECTROMATIC PVT. LTD.

**Authorized Signatory** 





#### <u>ANNEXURE - I</u>

### **TECHNICAL SPECIFICATIONS**

1. Material of Sheet: CRCA sheet

**2. Sheet thickness:** 1.6 mm/2mm thickness for All Panels.

**3. Material treatment:** Thorough chemical treatment with 7 tank process

method for degreasing, derusting and

phosphating powder coating shall not be less than

40 microns.

SIEMENS GREY (RAL-7032) shade powder

coating paint will be applied.

**4. Bus bar:** The bus bars will be insulated with PVC heat

shrinkable sleeves and supported SMC/DMC at Suitable intervals so as to withstand dynamic stresses developed in the event of

short circuit of 50ka (RMS) and will withstand following standard tests:-

(a) Continuity tests

(b) No load operation test

(c) H.T Test (2kV) for one minute.

(d) Insulation resistance test.

6. Fault Level: 35 KA

**7. Bus Bar Size:** As per BOQ

**8. Current Density:** 0.8A/Sq. mm. Current Density.

**9. Bus bar insulation** Heat Shrinkable Sleeves





### **ANNEXURE - II**

## **BILL OF MATERIALS**

1	MAIN LT PANEL		BOARD QTY		
Α	INCOMER MAIN		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	125A 4P 25kA MCCB TM Release, Type: DN1-250C, 415V AC, 50Hz	L&T	CM90642OOLO	1	1
2	Extended Rotary Handle for DN1 MCCB	L&T	CM980410000	1	1
3	Spreader Terminals - 4 Pole (Set of 8) for DN1, DN2-250 MCCB	L&T	CM920070000	1	1
В	METERING MAIN	MAKE	1	FEEDER QTY	1
1	VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110	L&T	WL4110100000	1	1
2	150/5A 5VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 33mm	NIPPEN	NA	3	3
3	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
4	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	1
5	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
6	6A 1P 10kA, C-Curve MCB	L&T	BB10060C	3	3
7	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	ELMEX	KUTSD 6	3	3
8	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	FNL 32C	1	1
D	METERING DG-1	MAKE	1	FEEDER QTY	1
1	VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110	L&T	WL4110100000	1	1
2	125/5A 1VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 30x10mm	NIPPEN	NE 301	3	3
3	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
4	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	1
5	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
6	6A 1P 10kA, C-Curve MCB	L&T	BB10060C	3	3
7	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	ELMEX	KUTSD 6	3	3
8	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	FNL 32C	1	1
	METERING DG-2	MAKE	1	FEEDER QTY	1
1	VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110	L&T	WL4110100000	1	1
2	100/5A 5VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 33mm	NIPPEN	NA	3	3
3	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
4	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	1
5	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
6	6A 1P 10kA, C-Curve MCB	L&T	BB10060C	3	3
7	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	ELMEX	KUTSD 6	3	3
8	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	FNL 32C	1	1
	SERVO BYPASS SWITCH	MAKE	1	FEEDER QTY	1
1	125A 4P Bypass Switch with extended handle, Open Execution, Type: CZ1	L&T	CK908130000	1	1
	CHANGEOVER SWITCH - 125A	MAKE	1	FEEDER QTY	2
1	125A 4P On Load Manual Changeover Switch - Disconnector with Direct Handle & 2 C/O, Frame-1, Type: CO1-125, Open Execution	L&T	CO112500000	1	2
	CHANGEOVER SWITCH - 63A	MAKE	1	FEEDER QTY	1

### MANUFACTURERS OF LT CONTROL PANELS



# D.V. Electromatic (P) Ltd.



		AN ISO 9001:2008 CERTIFIED CO.			
1	63A 4P On Load Manual Changeover Switch - Disconnector with 2 C/O, Frame-1, Type: CO1-63, Open Execution	L&T	CO106300000	1	1
E	MCB FOR ROOMS	MAKE	1	FEEDER QTY	1
1	16A 1P 10kA, C-Curve MCB	L&T	BB10160C	15	15
F	MCB FOR 1.5 TON AC	MAKE	1	FEEDER QTY	1
1	25A 2P 10kA, C-Curve MCB	L&T	BB20250C	15	15
	MCB FOR LIFT	MAKE	1	FEEDER QTY	1
1	63A 4P 10kA, C-Curve MCB	L&T	BB40630C	9	9
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER: 1500MM (W) x 1500MM (H) x 400MM (D)  FABRICATION: 1.6MM CRCA Sheet  PRE TREATMENT: 7 TANK PROCESS  PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032)  TYPE: INDOOR TYPE, FREE FLOOR RESTING, FIX TYPE, SINGLE FRONT,  COMPARTMENTLISED DESIGN, SINGLE DOOR  CABLE ENTRY: TOP/BOTTOM (DETACHABLE GLAND PLATE UNDRILLED)	DVEPL	MS/CRCA	1	JOB
2	BASE FRAME: 50X50X6MM & 450MM	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x20x8, N: 1x20x8,  Material: Electrolytic grade Aluminum  Current Density: 1 Amp/Sq. mm  Insulation: Color coded heat shrinkable Sleeves	DVEPL	Aluminum	1	JOB
4	WIRING HARNESS (METERING STARTERS)	DVEPL	CU- WIRE	1	LOT
5	HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC)	DVEPL	NUT, BOLTS, LUGS ETC.	1	LOT
6	LABOUR	DVEPL		1	JOB





# **ANNEXURE - III**

### **PRICE SCHEDULE**

SR. NO.	DESCRIPTION OF ITEM	QTY	UNIT RATE (INR)	AMOUNT (INR)
1	MAIN LT PANEL	1	1,22,800.00	1,22,800.00
	TOTAL QUANTITY	1	TOTAL COST (INR)	1,22,800.00

In words: Rupees One Lac Twenty Two Thousand Eight Hundred Only

**NOTES:** 







## <u>ANNEXURE - IV</u>

# **COMMERCIAL TERMS AND CONDITIONS**

**PRICE:** Ex works – IGC PATHANKOT (PB.)

**PACKING & FORWARDING:** Extra as per actual

**FREIGHT & INSURANCE:** Extra Freight & insurance.

**GST:** 18% or Actual As per Gst Taxation.

**OCTROI:** Extra as applicable.

**PAYMENT TERMS:** 50% in advance with confirmed order and balance against Performa

invoice before dispatch.

ORDER PLACEMENT: D.V. ELECTROMATIC PVT.LTD

**DELIVERY:** 6-8 Weeks from the date of approval of drawings.

**VALIDITY** Our offer is valid for 15 Days from the date of this offer and

thereafter subject to our confirmation.

**WARRANTY:** 18 Months from the date of supply or 12 months from the

commissioning whichever ends earlier.

**INSPECTION:** On intimation, prior inspection of the panels, if required, may be

carried out by the buyers authorized representative at our works at

IGC - Pathankot (pb.)

**ORDER AMENDMENTS**: Any change in specifications & other terms shall entail revision of

delivery and prices including statutory variations.

**FORCE MAJEURE:** We shall not be responsible for the failure or delay in order due to

acts beyond our control such as war, fire, labour problems, accidents, natural calamities, government acts or shortage of

material.

**COMMISSIONING CHARGES** 2500/Men days Testing, Commissioning and programming with

Loging, fooding and boarding in Customer scope. Unloading, Fixing, Laying cables and Installation of panels at site are not in our scope.

**Our Bank Details:** 

HDFC Bank
DALHOUSIE ROAD, PATHANKOT-145001
A/c # 50200012824476

IFSC Code: HDFC0002459