



**L&T Electrical & Automation**  
Products

**Larsen & Toubro Limited**

**Electrical & Automation**

**Electrical Standard Products**

Aspire Tower, 4<sup>th</sup> Floor, Plot No. 55

Phase 1, Industrial & Business Area,

Chandigarh – 160002

Tel: +91 172 4646846

www.Lntebg.com

REF NO: **5435/R1**

Date – 5/04/2023

Sub: **QUOTATION FOR PANELS CE-JZ-ASR- 2022-23**

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: PRICE SCHEDULE**

**ANNEXURE- III: 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.

Registered Office: L&T House, N.M.Marg, Ballard Estate, Mumbai - 400001, INDIA

CIN: L99999MH1946PLC004768

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## **ANNEXURE – I**

### **TECHNICAL SPECIFICATIONS**

- |                               |   |
|-------------------------------|---|
| <b>1. Material of Sheet:</b>  | CRCA sheet  |
| <b>2. Sheet thickness:</b>    | 3mm /2mm thickness for All Panels.  |
| <b>3. Material treatment:</b> | <p>Thorough chemical treatment with 7 tank process method for degreasing, derusting and phosphating powder coating shall not be less than 40 microns.</p> <p>SIEMENS GREY (RAL-7032) shade powder coating paint will be applied.</p>  |
| <b>4. Bus bar:</b>            | <p>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:-</p> <ul style="list-style-type: none"><li>(a) Continuity tests</li><li>(b) No load operation test</li><li>(c) H.T Test (2kV) for one minute.</li><li>(d) Insulation resistance test.</li></ul> |
| <b>6. Fault Level:</b>        | 35 KA   |
| <b>7. Bus Bar Size:</b>       | As per BOQ  |
| <b>8. Current Density:</b>    | 0.8A/Sq. mm. Current Density.   |
| <b>9. Bus bar insulation</b>  | Heat Shrinkable Sleeves   |



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## **ANNEXURE – II**

### **BILL OF MATERIAL**

#### **SR NO-7.06**

<b>MATERIAL</b>	<b>RATING</b>	<b>QTY</b>	<b>MAKE</b>
<b>INCOMMING FEEDER</b>			
ACB MP	800A FP 50KA	1	L&T
MFM		1	L&T
CTS	800 / 5 A	3	L&T
PHASE INDICATOR	22.5 MM	3	L&T
<b>OUTGOING FEEDER</b>			
ACB MP	630A FP 50KA	1	L&T
MCCB TH ADJ FIX MAG (ICS=100%ICU)	320A FP 36KA	1	L&T
LINK	320A FP 36KA	1	L&T
E-ROM	320A FP 36KA	1	L&T
MCCB TH ADJ FIX MAG (ICS=100%ICU)	63A FP 25KA	1	L&T
LINK	63A FP 25KA	1	L&T
E-ROM	63A FP 25KA	1	L&T

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**ANNEXURE – II**

**BILL OF MATERIAL**

**SR NO-7.07**

MATERIAL	RATING	QTY	MAKE
<b>INCOMMING FEEDER</b>			
ACB MP	630A FP 50KA	1	L&T
MFM		1	L&T
CTS	630 / 5 A	3	L&T
PHASE INDICATOR	22.5 MM	3	L&T
<b>OUTGOING FEEDER</b>			
MCCB TH ADJ FIX MAG (ICS=100%ICU)	500A FP 36KA	1	L&T
LINK	500A FP 36KA	1	L&T
E-ROM	500A FP 36KA	1	L&T
MCCB TH ADJ FIX MAG (ICS=100%ICU)	320A FP 36KA	1	L&T
LINK	320A FP 36KA	1	L&T
E-ROM	320A FP 36KA	1	L&T
MCCB TH ADJ FIX MAG (ICS=100%ICU)	63A FP 25KA	1	L&T
LINK	63A FP 25KA	1	L&T
E-ROM	63A FP 25KA	1	L&T

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## **ANNEXURE – II**

### **BILL OF MATERIAL**

#### **SR NO-7.08**

<b>MATERIAL</b>	<b>RATING</b>	<b>QTY</b>	<b>MAKE</b>
<b>INCOMMING FEEDER</b>			
ACB MP	630A FP 50KA	1	L&T
MFM		1	L&T
CTS	630 / 5 A	3	L&T
PHASE INDICATOR	22.5 MM	3	L&T
<b>OUTGOING FEEDER</b>			
MCCB TH ADJ FIX MAG (ICS=100%ICU)	500A FP 36KA	1	L&T
LINK	500A FP 36KA	1	L&T
E-ROM	500A FP 36KA	1	L&T
MCCB TH ADJ FIX MAG (ICS=100%ICU)	320A FP 36KA	1	L&T
LINK	320A FP 36KA	1	L&T
E-ROM	320A FP 36KA	1	L&T
MCCB TH ADJ FIX MAG (ICS=100%ICU)	250A FP 36KA	1	L&T
LINK	250A FP 36KA	1	L&T
E-ROM	250A FP 36KA	1	L&T

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**ANNEXURE – II**

**BILL OF MATERIAL**

**SR NO-7.09**

MATERIAL	RATING	QTY	MAKE
<b>INCOMMING FEEDER</b>			
MCCB TH ADJ FIX MAG (ICS=100%ICU)	500A FP 36KA	1	L&T
LINK	500A FP 36KA	1	L&T
E-ROM	500A FP 36KA	1	L&T
MFM		1	L&T
CTS	500 / 5 A	3	L&T
PHASE INDICATOR	22.5 MM	3	L&T
<b>OUTGOING FEEDER</b>			
MCCB TH ADJ FIX MAG (ICS=100%ICU)	320A FP 36KA	2	L&T
LINK	320A FP 36KA	2	L&T
E-ROM	320A FP 36KA	2	L&T
MCCB TH ADJ FIX MAG (ICS=100%ICU)	160A FP 36KA	1	L&T
LINK	160A FP 36KA	1	L&T
E-ROM	160A FP 36KA	1	L&T

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**ANNEXURE – II**

**BILL OF MATERIAL**

**SR NO-7.26**

MATERIAL	RATING	QTY	MAKE
<b>INCOMMING FEEDER</b>			
MCCB	320A FP 50KA	1	L&T
LINK	320A FP 50KA	1	L&T
E-ROM	320A FP 50KA	1	L&T
Digital Volt meter	0 - 500 V	1	L&T
CTS	320 / 5 A	3	L&T
PHASE INDICATOR	22.5 MM	3	L&T
<b>OUTGOING FEEDER</b>			
APFC RELAY	10 STEP	1	L&T
CAPACITOR DUTY CONTACTOR	25KVAR	6	L&T
CAPACITOR DUTY CONTACTOR	5KVAR	2	L&T
CAPACITOR HEAVY DUTY 480V	25KVAR	6	L&T
CAPACITOR HEAVY DUTY 480V	5KVAR	2	L&T
MCCB	63A TP 18KA	6	L&T
MCB	16A TP 10KA	2	L&T
PUSH BUTTON	ON/OFF	16	L&T
INDICATOR	ON	8	L&T
AUTO MANUAL		1	L&T
FAN		1	STD



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## **ANNEXURE – II**

### **BILL OF MATERIAL**

#### **SR NO-7.27**

<b>MATERIAL</b>	<b>RATING</b>	<b>QTY</b>	<b>MAKE</b>
<b>INCOMMING FEEDER</b>			
MCCB	250A FP 50KA	1	L&T
LINK	250A FP 50KA	1	L&T
E-ROM	250A FP 50KA	1	L&T
Digital Volt meter	0 - 500 V	1	L&T
CTS	250 / 5 A	3	L&T
PHASE INDICATOR	22.5 MM	3	L&T
<b>OUTGOING FEEDER</b>			L&T
APFC RELAY	10 STEP	1	L&T
CAPACITOR DUTY CONTACTOR	25KVAR	4	L&T
CAPACITOR DUTY CONTACTOR	10KVAR	2	L&T
CAPACITOR HEAVY DUTY 480V	25KVAR	4	L&T
CAPACITOR HEAVY DUTY 480V	10KVAR	2	L&T
MCCB	63A TP 18KA	4	L&T
MCB	16A TP 10KA	2	L&T
PUSH BUTTON	ON/OFF	16	L&T
INDICATOR	ON	8	L&T
AUTO MANUAL		1	L&T
FAN		1	STD

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**ANNEXURE – II**

**PRICE SCHEDULE**

PANEL SR NO	PRICE	QTY	TOTAL
PANEL SR NO 7.06	555000	1	555000
PANEL SR NO 7.07	410000	1	410000
PANEL SR NO 7.08	410000	1	410000
PANEL SR NO 7.09	230000	1	230000
PANEL SR NO 7.26	460000	1	460000
PANEL SR NO 7.27	360000	1	360000
	TOTAL		2425000
	LESS DISCOUNT		125000
	GRAND TOTAL		2300000

**In words: Rupees Twenty Three Lac Only.**

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**ANNEXURE –III**  
**COMMERCIAL TERMS AND CONDITIONS**

<b>PACKING &amp; FORWARDING:</b>	Extra as per actual
<b>FREIGHT &amp; INSURANCE:</b>	Extra Freight & insurance.
<b>GST:</b>	18% or Actual As per Gst Taxation.
<b>PAYMENT TERMS:</b>	60% in advance with confirmed order and balance against Performa invoice before dispatch.
<b>DELIVERY:</b>	6-12 Weeks from the date of approval of drawings.
<b>VALIDITY</b>	Our offer is valid for 15 Days from the date of this offer and thereafter subject to our confirmation.
<b>WARRANTY:</b>	18 Months from the date of supply or 12 months from the commissioning whichever ends earlier.

Thanks & Regards

AUTHORIZED SIGNATORY

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