



D.V. Electromatic (P) Ltd.



AN ISO 9001:2008 CERTIFIED CO.

REF NO: **DVEPL/21-22/5307/0**

Date – 22-January-2023

TO,

MES PKT

Kind Attn.: XXXXX

Mobile No.:

Email ID:

Sub: **QUOTATION FOR CEPZ 22- 22-23**

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: 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



ANNEXURE – I

TECHNICAL SPECIFICATIONS

- | | |
|-------------------------------|---|
| 1. Material of Sheet: | CRCA sheet |
| 2. Sheet thickness: | 10 SWG thickness for All Panels. |
| 3. Material treatment: | <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> |
| 4. Bus bar: | <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">(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	37		BOARD QTY		
A	INCOMING FEEDER		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	400A 4P 36kA MCCB, TM Release (Adjustable Thermal and Adjustable Magnetic), Type: DRX 630	LEGRAND	6676 55	1	1
2	Set of 4 incoming or outgoing Spreader Links - 4P 630A, Type: DRX 630	LEGRAND	6250 08	2	2
B	METERING FEEDER		1	FEEDER QTY	1
1	Ammeter, 1Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1110100000	1	1
2	Voltmeter, 1Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1120100000	1	1
3	100/5A 5VA Acc. CL: 1, ABS Insulated, Bar Primary Ring Type Current Transformer, ID: 33mm	NIPPEN	NA	3	3
4	6A Voltmeter Selector Switch, Voltage between Phases with OFF, OFF-RY-YB-BR	SALZER	61312 SAB13TDYR	1	1
5	6A Ammeter Selector Switch, Line Currents with OFF with CT, OFF-R-Y-B	SALZER	61325 SAB13TDYR	1	1
6	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
7	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	1
8	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
9	6A 1P 10kA, C-Curve MCB, Type: AU-10	L&T	AU10S10063C	3	3
10	6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6	ELMEX	KUTSD 6	3	3
11	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	FNL 32C	1	1
C	OUTGOING FEEDER 250 A		1	FEEDER QTY	1
1	250A 4P 36kA MCCB, TM Release (Adjustable Thermal and Adjustable Magnetic), Type: DRX 250HP	LEGRAND	6690 72	1	1
2	Set of 4 incoming or outgoing Spreader Links for DRX-250HP 4P	LEGRAND	6250 18	2	2
D	OUTGOING FEEDER 125 A		1	FEEDER QTY	3
1	125A 4P 25kA MCCB, TM Release (Adjustable Thermal and Fixed Magnetic), Type: DRX125HP	LEGRAND	6697 19	1	3
2	Set of 4 incoming or outgoing Spreader Links for 4 Pole DRX 125HP	LEGRAND	6250 11	2	6
E	OUTGOING FEEDER 63 A		1	FEEDER QTY	1
1	63A 4P 25kA MCCB, TM Release (Adjustable Thermal and Fixed Magnetic), Type: DRX125HP	LEGRAND	6697 16	1	1
2	Set of 4 incoming or outgoing Spreader Links for 4 Pole DRX 125HP	LEGRAND	6250 11	2	2
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER : 1200MM (W) x 1200 MM (H) x 400MM (D) FABRICATION : 10 SWG 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: ANGLE 65X65 X6 MM - 450 MM LONG	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x60x10, N: 1X60X10, E: 1X20X3 :-600 A 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



2	39		BOARD QTY		
A	INCOMING FEEDER		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	200A 4P 36kA MCCB, TM Release (Adjustable Thermal and Adjustable Magnetic), Type: DRX 250HP	LEGRAND	6690 71	1	1
2	Set of 4 incoming or outgoing Spreader Links for DRX-250HP 4P	LEGRAND	6250 18	2	2
B	METERING FEEDER		1	FEEDER QTY	1
1	Ammeter, 1Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1110100000	1	1
2	Voltmeter, 1Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1120100000	1	1
3	100/5A 5VA Acc. Cl: 1, ABS Insulated, Bar Primary Ring Type Current Transformer, ID: 33mm	NIPPEN	NA	3	3
4	6A Voltmeter Selector Switch, Voltage between Phases with OFF, OFF-RY-YB-BR	SALZER	61312 SAB13TDYR	1	1
5	6A Ammeter Selector Switch, Line Currents with OFF with CT, OFF-R-Y-B	SALZER	61325 SAB13TDYR	1	1
6	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
7	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	1
8	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
9	6A 1P 10kA, C-Curve MCB, Type: AU-10	L&T	AU10S10063C	3	3
10	6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6	ELMEX	KUTSD 6	3	3
11	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	FNL 32C	1	1
C	OUTGOING FEEDER 125 A		1	FEEDER QTY	3
1	125A 4P 25kA MCCB, TM Release (Adjustable Thermal and Fixed Magnetic), Type: DRX125HP	LEGRAND	6697 19	1	3
2	Set of 4 incoming or outgoing Spreader Links for 4 Pole DRX 125HP	LEGRAND	6250 11	2	6
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER : 1100MM (W) x 1200 MM (H) x 400MM (D) FABRICATION : 10 SWG 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: ANGLE 65X65 X6 MM - 450 MM LONG	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x40x10, N: 1X40X10, E: 1X20X3 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
3	S.No 40		BOARD QTY		
A	INCOMING FEEDER		4	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	100A 4P 25kA MCCB, TM Release (Adjustable Thermal and Fixed Magnetic), Type: DRX125HP	LEGRAND	6697 18	1	4
2	Set of 4 incoming or outgoing Spreader Links for 4 Pole DRX 125HP	LEGRAND	6250 11	2	8
B	METERING FEEDER		4	FEEDER QTY	1
1	Ammeter, 1Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1110100000	1	4
2	Voltmeter, 1Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1120100000	1	4
3	100/5A 5VA Acc. Cl: 1, ABS Insulated, Bar Primary Ring Type Current Transformer, ID: 33mm	NIPPEN	NA	3	12
4	6A Voltmeter Selector Switch, Voltage between Phases with OFF, OFF-RY-YB-BR	SALZER	61312 SAB13TDYR	1	4



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5	6A Ammeter Selector Switch, Line Currents with OFF with CT, OFF-R-Y-B	SALZER	61325 SAB13TDYR	1	4
6	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	4
7	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	4
8	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	4
9	6A 1P 10kA, C-Curve MCB, Type: AU-10	L&T	AU10S10063C	3	12
10	6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6	ELMEX	KUTSD 6	3	12
11	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	FNL 32C	1	4
C	OUTGOING FEEDER 63 A		4	FEEDER QTY	2
1	63A 4P 25kA MCCB, TM Release (Adjustable Thermal and Fixed Magnetic), Type: DRX125HP	LEGRAND	6697 16	1	8
2	Set of 4 incoming or outgoing Spreader Links for 4 Pole DRX 125HP	LEGRAND	6250 11	2	16
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER : 1000MM (W) x 700 MM (H) x 300MM (D) FABRICATION : 10 SWG 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: ANGLE 65X65 X6 MM - 450 MM LONG	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x40x5, N: 1X40X5, E: 1X20X3 :- 200 A 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



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ANNEXURE – III

PRICE SCHEDULE

SR. NO.	DESCRIPTION OF ITEM	QTY	UNIT RATE (INR)	AMOUNT (INR)
1	37	1	93,000.00	93,000.00
2	39	1	71,200.00	71,200.00
3	S.No 40	4	42,475.00	1,69,900.00
	TOTAL QUANTITY	6	TOTAL COST (INR)	3,34,100.00

In words: Rupees Three Lac Thirty Four Thousand One Hundred Only

NOTES:



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ANNEXURE – IV

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 Logging, 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