



REF NO: **DVEPL/20-21/6573/0**

Date - 11-July-2024

TO,

Kind Attn.: Mobile No.: Email ID:

Sub: QUOTATION FOR CE CHZ_CHM_T-04_2024-25

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: AS PER TENDER 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	SRNO-86		BOARD QTY		
Α	INCOMING		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	125A 4P 25kA MCCB (with Spreaders), TA Release (Adj Thermal & Fixed Magnetic), Type: TAB1	HPL	TAB160CY125AC4P	1	1
2	Spreader Terminals (4 Pole - Set of 8 Nos.) for 125-160A TAB1 MCCB	HPL	TAB1160ST4P	1	1
В	METERING	MAKE	1	FEEDER QTY	1
1	Ammeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1310100000	1	1
2	Voltmeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1320100000	1	1
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	32A Neutral Link, Color: Black/Khaki	FTC	FNL 32	1	1
7	125/5A 1VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 30x10mm	NIPPEN	NE 301	3	3
8	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	ELMEX	KUTSD 6	3	3
9	6A 1P 10kA C-Curve Techno MCB	HPL	NTSPC06	3	3
С	OUTGOING 32A	MAKE	1	FEEDER QTY	5
1	32A 4P 16kA MCCB, TA Release (Adj Thermal & Fixed Magnetic), Type : TAB1	HPL	TAB160DX032AC4P	1	5
2	Spreader Terminals (4 Pole - Set of 8 Nos.) for 20-100A TAB1 MCCB	HPL	TAB1100ST4P	1	5
D	OUTGOING 20A	MAKE	1	FEEDER QTY	1
1	20A 1PN 10kA C-Curve Techno MCB	HPL	NTSPNC20	1	1
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	FABRICATION: 10/14 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	ANGLE: 50X50X6MM 450MM	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x40x10, N: 1X40X10 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	SRNO-87		BOARD QTY		
A	INCOMER		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY



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			AN ISO 9001:2008 CERTIF	IED GO.	
	630A 4P 50kA MDO ACB, Release: A-Type Microprocessor				
1	Release(LSIG+TripLED indicators), Type: IPBN/N	HPL	BN064CM0D0D0AG0	1	1
В	METERING	MAKE	1	FEEDER QTY	1
1	Ammeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1310100000	1	1
2	Voltmeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1320100000	1	1
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	32A Neutral Link, Color: Black/Khaki	FTC	FNL 32	1	1
	600/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current			_	
7	Transformer, ID: 60x10mm	NIPPEN	NE 601	3	3
8	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	ELMEX	KUTSD 6	3	3
9	6A 1P 10kA C-Curve Techno MCB	HPL	NTSPC06	3	3
С	OUTGOING 250A	MAKE	1	FEEDER	2
	250A 4P 25kA MCCB (with Spreaders), TA Release (Adj Thermal & Fixed			QTY	
1	Magnetic), Type: TAB2	HPL	TAB250CX250AC4P	1	2
2	Spreader Terminals (4 Pole - Set of 8 Nos.) for 250A TAB2 MCCB	HPL	TAB2250ST4P	1	2
D	OUTGOING 160A	MAKE	1	FEEDER	1
	ACON AD OFFICE MACCO (with Counselors). To Delegae (Adi Theorical & Fired			QTY	
1	160A 4P 25kA MCCB (with Spreaders), TA Release (Adj Thermal & Fixed Magnetic), Type: TAB1	HPL	TAB160CY160AC4P	1	1
2	Spreader Terminals (4 Pole - Set of 8 Nos.) for 125-160A TAB1 MCCB	HPL	TAB1160ST4P	0	0
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
3.IV.	FABRICATION DETAILS	IVIANE	TTPE/IVIATERIAL	QII	UNIT
1	FABRICATION: 10/14 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	ANGLE: 50X50X6MM 450MM	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x100x10, N: 1X100X10 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	SRNO-88		BOARD QTY		
Α	INCOMING		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
NO.	125A 4P 25kA MCCB (with Spreaders), TA Release (Adj Thermal & Fixed			QTY	
NO. 1	125A 4P 25kA MCCB (with Spreaders), TA Release (Adj Thermal & Fixed Magnetic), Type: TAB1	HPL	TAB160CY125AC4P	-	QTY
NO.	125A 4P 25kA MCCB (with Spreaders), TA Release (Adj Thermal & Fixed			QTY 1 1 FEEDER	QTY 1
1 2	125A 4P 25kA MCCB (with Spreaders), TA Release (Adj Thermal & Fixed Magnetic), Type: TAB1 Spreader Terminals (4 Pole - Set of 8 Nos.) for 125-160A TAB1 MCCB	HPL HPL	TAB160CY125AC4P TAB1160ST4P	QTY 1 1	QTY 1 1
NO. 1 2 B 1	125A 4P 25kA MCCB (with Spreaders), TA Release (Adj Thermal & Fixed Magnetic), Type: TAB1 Spreader Terminals (4 Pole - Set of 8 Nos.) for 125-160A TAB1 MCCB METERINH Ammeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96 Voltmeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC,	HPL HPL MAKE	TAB160CY125AC4P TAB1160ST4P 1 WL1310100000	QTY 1 1 FEEDER QTY 1	1 1 1
1 2 B	125A 4P 25kA MCCB (with Spreaders), TA Release (Adj Thermal & Fixed Magnetic), Type: TAB1 Spreader Terminals (4 Pole - Set of 8 Nos.) for 125-160A TAB1 MCCB METERINH Ammeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	HPL HPL MAKE	TAB160CY125AC4P TAB1160ST4P 1	QTY 1 1 FEEDER QTY	1 1 1

MANUFACTURERS OF LT CONTROL PANELS



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Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC EPLB240A 32A Neutral Link, Color: Black/Khaki FNL 32 FTC 125/5A 1VA Acc. Cl: 1. ABS Insulated Bar Primary Rectangular Current NIPPEN NE 301 Transformer, ID: 30x10mm 3 $6\ Sq.mm$ Disconnecting Terminal (Std. Color), Type: KUTSD 63 8 FIMEX KUTSD 6 3 6A 1P 10kA C-Curve Techno MCB HPI NTSPC06 3 3 9 **FFFDFR OUTGOING 32A** MAKE 5 C OTY TAB160DX032AC4P 32A 4P 16kA MCCB, TA Release (Adj Thermal & Fixed Magnetic), Type: TAB1 HPI 5 1 1 Spreader Terminals (4 Pole - Set of 8 Nos.) for 20-100A TAB1 MCCB TAB1100ST4P 2 HPL 1 5 **FEEDER OUTGOING 20A** MAKE D 1 OTY HPL NTSPNC20 1 20A 1PN 10kA C-Curve Techno MCB 1 1 **FABRICATION DETAILS** MAKE TYPE/MATERIAL LINIT S.N. QTY FABRICATION: 10/14 SWG CRCA Sheet PRE TREATMENT: 7 TANK PROCESS 1 DVEPL MS/CRCA 1 JOB 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) ISMC 2 ANGLE: 50X50X6MM 450MM DVEPL JOB BUSBAR: PH: 1x20x10, N: 1X20X10 Material: Electrolytic grade Aluminum 3 **DVEPL** Aluminum 1 JOB Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves 4 DVEPL LOT WIRING HARNESS (METERING STARTERS) **CU-WIRE** 1 5 DVFPI LOT HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC) NUT, BOLTS, LUGS ETC. 6 **LABOUR** DVEPL 1 JOB **SRNO-89 BOARD QTY FEEDER INCOMING** Α 1 QTY SR. TOTAL **BOQDESCRIPTION CATALOG NUMBER** MAKE OTY NO. QTY 100A 4P 16kA MCCB (with Spreaders), TA Release (Adj Thermal & Fixed TAB160DX100AC4P HPL Magnetic), Type: TAB1 HPL TAB1100ST4P Spreader Terminals (4 Pole - Set of 8 Nos.) for 20-100A TAB1 MCCB 2 1 1 FFFDFR В **METERING** MAKE 1 QTY Ammeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96 WI 1310100000 1 L&T 1 1 Voltmeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96 L&T WL1320100000 1 Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC **ESBEE** EPLR240A 1 1 3 Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC EPLY240A 4 **ESBEE** 1 1 Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC **ESBEE** EPLB240A 1 1 6 32A Neutral Link, Color: Black/Khaki FTC FNL 32 1 1 125/5A 1VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current 7 Transformer, ID: 30x10mm NIPPEN NE 301 3 3 8 6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 **ELMEX** KUTSD 6 3 3 9 6A 1P 10kA C-Curve Techno MCB HPL NTSPC06 3 3 **FEEDER** C **OUTGOING 40A** MAKE 3 QTY 1 40A 4P 16kA MCCB, TA Release (Adj Thermal & Fixed Magnetic), Type: TAB1 HPL TAB160DX040AC4P 3 Spreader Terminals (4 Pole - Set of 8 Nos.) for 20-100A TAB1 MCCB HPL TAB1100ST4P 2 3 FEEDER D **OUTGOING 32A** MAKE 3 QTY 1 32A 4P 16kA MCCB, TA Release (Adj Thermal & Fixed Magnetic), Type: TAB1 HPL TAB160DX032AC4P 3



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2	Spreader Terminals (4 Pole - Set of 8 Nos.) for 20-100A TAB1 MCCB	HPL	TAB1100ST4P	1	3
E	SPARE CHANGEOVER 63A	MAKE	1	FEEDER QTY	1
1	63A 4P Front Operated On Load Changeover Switch, Open Execution	HPL	CDC00634POAV	1	1
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	FABRICATION: 10/14 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	ANGLE: 50X50X6MM 450MM	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x20x10, N: 1X20X10 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	SRNO-86	1	51,700.00	51,700.00
2	SRNO-87	1	1,75,000.00	1,75,000.00
3	SRNO-88	1	51,600.00	51,600.00
4	SRNO-89	1	66,300.00	66,300.00
	TOTAL QUANTITY	4	TOTAL COST (INR)	3,44,600.00

In words: Rupees Three Lac Forty Four Thousand Six 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