



D.V. Electromatic (P) Ltd.



AN ISO 9001:2008 CERTIFIED CO.

REF NO: **DVEPL/21-22/5564/REV0**

Date – 12-June-2023

TO,

GE MES NAGROTA

Kind Attn.: MES

Mobile No.:

Email ID:

Sub: **QUOTATION FOR 2023_MES_595243_1**

Spl repair_replacement of E_M items under GE Nagrota

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: | 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	ITEM NO.16		BOARD QTY	4
A	INCOMER		FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	QTY	TOTAL QTY
1	630A 4P 50kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LN	HAVELLS	1	4
2	Spreader Terminal Kit, 4 Pole, 500A-630A for LS, LN MCCB	HAVELLS	1	4
B	METERING		FEEDER QTY	1
1	Ammeter, 1Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	1	4
2	Voltmeter, 1Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	1	4
3	630/5A Acc.CL: 0.5 5VA Polycarbonate Encapsulated Ring Type Current Transformer, ID: 55mm, Model: EOPC	ELMEX	1	4
4	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	1	4
5	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	1	4
6	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	1	4
7	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	1	4
8	6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6	ELMEX	3	12
9	6A 1P 10kA C-Curve MCB	HAVELLS	3	12
10	6A Ammeter Selector Switch, Line Currents with OFF with CT, OFF-R-Y-B	SALZER	1	4
11	6A Voltmeter Selector Switch, Voltage between Phases with OFF, OFF-RY-YB-BR	SALZER	1	4
C	OUTGOING 400A		FEEDER QTY	1
1	400A 4P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS	HAVELLS	1	4
2	Spreader Terminal Kit, 4 Pole, 200A-400A for LS, LN MCCB	HAVELLS	1	4
D	OUTGOING 250A		FEEDER QTY	2
1	250A 3P 25kA MCCB TM Release (Adjustable Thermal & Adjustable Magnetic), Type: AN	HAVELLS	1	8
2	Spreader Terminal Kit, 3 Pole, 250A for AS, AN, AH MCCB	HAVELLS	1	8
E	OUTGOING 160A		FEEDER QTY	2
1	160A 3P 27kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: HID1	HAVELLS	1	8
2	Spreader Terminal Kit, 3 Pole, 125A-160A for E1/HID Frame MCCB	HAVELLS	1	8
S.N.	FABRICATION DETAILS	MAKE	QTY	UNIT
1	PANEL SIZE : 1200MM (W) x 1200MM (H) x 400MM (D) FABRICATION : 3.15/2 MM 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	1	JOB
2	BUSBAR: PH: 1x80x10, N: 1X80X10 Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves	REPUTED	1	SET
3	EARTH BUSBAR: 1X20X3	REPUTED	1	SET
4	WIRING COST	POLYCAB/RR KABEL	1	LOT
2	ITEM NO-27		BOARD QTY	6
A	INCOMER		FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	QTY	TOTAL QTY
1	125A 4P 16kA MCCB with Spreader Link TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	1	6
B	METERING		FEEDER QTY	1
1	Ammeter, 1Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	1	6



2	Voltmeter, 1Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	1	6
3	125/5A Acc.CL: 1 1.5VA Polycarbonate Encapsulated Window Type Current Transformer, ID: 25mm, Model: ELPH3 (EH 41.3)	ELMEX	1	6
4	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	1	6
5	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	1	6
6	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	1	6
7	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	1	6
8	6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6	ELMEX	3	18
9	6A 1P 10kA C-Curve MCB	HAVELLS	3	18
10	6A Ammeter Selector Switch, Line Currents with OFF with CT, OFF-R-Y-B	SALZER	1	6
11	6A Voltmeter Selector Switch, Voltage between Phases with OFF, OFF-RY-YB-BR	SALZER	1	6
D	OUTGOING 63A		FEEDER QTY	1
1	63A 4P 16kA MCCB, TM Release (Adjustable Thermal & Fixed Magnetic), Type: HIM 100	HAVELLS	1	6
E	STAR DELTA 40HP		FEEDER QTY	2
1	100A 4P 10kA MCCB with Spreader Link TM Release (Fixed Thermal & Fixed Magnetic), Type: GS	HAVELLS	1	12
2	AC3: 32A AC1: 55A 3P Power Contactor, Coil: 240V AC, Aux. Contact: 1NO, Frame 2, Type: HGS 32	HAVELLS	3	36
3	Auxiliary Contact Block, 2NO+2NC, Front Block, Contactor Type: HGS9-100	HAVELLS	3	36
4	22-32A Thermal Over Load Relay (Auto/ Manual Reset), Type: HGST40	HAVELLS	1	12
5	Red Flush Head Push Button 22.5 mm	ESBEE	1	12
6	Green Flush Head Push Button 22.5 mm	ESBEE	1	12
7	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	1	12
8	Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	1	12
9	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	1	12
10	SPP + Selectable Under Voltage+Selectable Over Voltage Relay ON Delay 0 - 15Sec,Phase 10% fixed Asymmetry, Voltage: 240 VAC,2 C/O, 3Ph/1Ph 4W, Type: SM500	GIC	1	12
S.N.	FABRICATION DETAILS	MAKE	QTY	UNIT
1	PANEL SIZE : 700MM (W) x 900MM (H) x 400MM (D) FABRICATION : 3.15/2 MM 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	1	JOB
2	BUSBAR: PH: 1x20x10, N: 1X20X10 Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves	REPUTED	1	SET
3	EARTH BUSBAR:	REPUTED	1	SET
4	WIRING COST	POLYCAB/RR KABEL	1	LOT



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ANNEXURE – III

PRICE SCHEDULE

SR. NO.	DESCRIPTION OF ITEM	QTY	UNIT RATE (INR)	AMOUNT (INR)
1	ITEM NO.16	4	1,01,450.00	4,05,800.00
2	ITEM NO-27	6	59,766.67	3,58,600.00
	TOTAL QUANTITY	10	TOTAL COST (INR)	7,64,400.00

In words: Rupees Seven Lac Sixty Four Thousand Four Hundred Only

NOTES:



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