



REF NO: **DVEPL/20-21/6517/R0**

Date - 25-July-2024

TO,

MES

Kind Attn.: Mobile No.: Email ID:

Sub: QUOTATION FOR CE (AF) _ NGP _ CHD_ TEMP 03 OF 2024 -2025 (2024_MES_652848_1)

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-14.040		BOARD QTY		
Α	INCOMER		3	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	400A 3P 36kA MCCB TM Release (Adjustable Thermal & Adjustable Magnetic), Type: LS	HAVELLS	IHLLSEC30400	1	3
2	Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB	HAVELLS	ISSLLX0065	2	6
В	METERING	MAKE	3	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	3
2	400/5A 5VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 34mm	NIPPEN	NA	3	9
3	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	3
4	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	3
5	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	3
6	6A 1P 10kA C-Curve MCB	HAVELLS	DHMGCSPF006	3	9
7	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	ELMEX	KUTSD 6	3	9
8	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	FNL 32C	1	3
С	APFC RELAY	MAKE	3	FEEDER QTY	1
1	12 Stage Intelligent Power Factor Controller (1CT), Type : IPFC CS 1003, Voltage: 90/550V AC, Size: 144x144	HAVELLS	QHOTBS5H0012	1	3
2	6A 1P 2Way Local - Remote/ Auto-Manual Switch with Center OFF, 60 Deg. Operation	SALZER	61025SAB12	1	3
D	25KVAR	MAKE	3	FEEDER QTY	8
1	25kVAr, 3Ph, Super Heavy Duty, Square Type, 525V AC Capacitor	HAVELLS	QHSTMF5025X0	1	24
2	25kVAr Thyristor Switching Module, Voltage: 440V AC	HAVELLS	QHZCF00121	1	24
3	40A HRC Fuse, 80kA, DIN Type, Size 00	HAVELLS	IHHCD00040	3	72
4	160A Open DIN Type Fuse Base, Fixed Type, Fuse Type: CD-00	HAVELLS	IHUC000160	3	72
5	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	24
6	6A 1P 2Way Local - Remote/ Auto-Manual Switch with Center OFF, 60 Deg. Operation	SALZER	61025SAB12	1	24
7	6A 1P 10kA C-Curve MCB	HAVELLS	DHMGCSPF006	1	24
E	20KVAR	MAKE	3	FEEDER QTY	1
1	20kVAr, 3Ph, Super Heavy Duty, Square Type, 525V AC Capacitor	HAVELLS	QHSTMF5020X0	1	3
2	25kVAr Thyristor Switching Module, Voltage: 440V AC	HAVELLS	QHZCF00121	1	3
3	40A HRC Fuse, 80kA, DIN Type, Size 00	HAVELLS	IHHCD00040	3	9
4	160A Open DIN Type Fuse Base, Fixed Type, Fuse Type: CD-00	HAVELLS	IHUC000160	3	9
5	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	3
6	6A 1P 2Way Local - Remote/ Auto-Manual Switch with Center OFF, 60 Deg. Operation	SALZER	61025SAB12	1	3
7	6A 1P 10kA C-Curve MCB	HAVELLS	DHMGCSPF006	1 EEEDED	3
F	15KVAR	MAKE	3	FEEDER QTY	2
1	15kVAr, 3Ph, Super Heavy Duty, Square Type, 525V AC Capacitor	HAVELLS	QHSTMF5015X0	1	6
2	15kVAr Thyristor Switching Module, Voltage: 440V AC	HAVELLS	QHZCF00111	1	6
3	25A HRC Fuse, 80kA, DIN Type, Size 00	HAVELLS	IHHCD00025	3	18
4	160A Open DIN Type Fuse Base, Fixed Type, Fuse Type: CD-00	HAVELLS	IHUC000160	3	18

MANUFACTURERS OF LT CONTROL PANELS





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5	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	6
	6A 1P 2Way Local - Remote/ Auto-Manual Switch with Center OFF, 60 Deg.		61025SAB12		
6	Operation	SALZER	010233AB12	1	6
7	6A 1P 10kA C-Curve MCB	HAVELLS	DHMGCSPF006	1	6
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER: 1200MM (W) x 2100 + 75MM (H) x 800MM (D) FABRICATION: 10/16 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: 75MM	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x40x5, N: 1X40X5 Material: Electrolytic grade COPPER Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves WIRING HARNESS (METERING STARTERS)	DVEPL	Copper	1	JOB
5	HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC)	DVEPL	NUT, BOLTS, LUGS ETC.	1	LOT
6	LABOUR	DVEPL		1	JOB
2	SRNO-14.041		BOARD QTY		
Α	INCOMER		3	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
	2000A 4P 50kA Frame Size: E EDO ACB, Release: Microprocessor Release IPR				
1	1+, Type: Titania	HAVELLS	IHAFE5120	1	3
#REF!	Under Voltage Trip Device 220V AC/DC	HAVELLS	ISACX0196	1	3
#REF!	Shunt Trip / Closing Coil, 220V AC/DC	HAVELLS	ISACX0167	1	3
#REF!	25A Standard Mounting TNC Switch, AuxContact: 1NO+1NC	SALZER	73257SEB03PGGB	1	3
#REF!	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	3
#REF!	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	3
#REF!	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC FABRICATION DETAILS	ESBEE MAKE	EPLB240A TYPE/MATERIAL	2 QTY	3 UNIT
1	PANEL ENCLOUSER: 700MM (W) x 1500MM (H) x 1000MM (D) 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	BASE ANGLE: 40X40X6MM 450	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x100x10, N: 1X100X10 Material: Electrolytic grade COPPER Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves	DVEPL	Copper	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
		DVEPL		1	JOB
6	LABOUR	BVELE			
6 3	SRNO-14.042	DVLTL	BOARD QTY		
3		BVLTE	BOARD QTY	FEEDER QTY	1
	SRNO-14.042	MAKE			1 TOTAL QTY
SR.	SRNO-14.042 INCOMER		1	QTY	TOTAL





1 .		1	1,54,0,404,67	1 .	1
3	Shunt Trip / Closing Coil, 220V AC/DC	HAVELLS	ISACX0167	1	1
4	25A Standard Mounting TNC Switch, AuxContact: 1NO+1NC	SALZER	73257SEB03PGGB	1	1
5	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
6	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	1
7	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
В	METERING	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
	2000/5A 15VA Acc. Cl: 1, Tape Wound Bar Primary Ring Type Current				
2	Transformer, ID: 100mm	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 6	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
	6A 1P 10kA C-Curve MCB	HAVELLS	DHMGCSPF006 KUTSD 6	3	3
7	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	FTC ELMEX	FNL 32C	3	3
8	32A Neutral Link, Channel Mounting, Color: Black/Grey	FIC	FINL 32C	FEEDER	1
С	OUTGOING 250A	MAKE	1	QTY	8
1	250A 4P 25kA MCCB TM Release (Adjustable Thermal & Adjustable Magnetic), Type: AN	HAVELLS	IHLANDC40250	1	8
2	Spreader Terminal Kit, 4 Pole, 250A for AS, AN, AH MCCB	HAVELLS	ISSLAX0128	2	16
D	OUTGOING 40A	MAKE	1	FEEDER QTY	2
1	40A 4P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	IHLGNF0040	1	2
2	Spreader Terminal Kit, 4 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS	ISSLGX0155	2	4
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER: 2000MM (W) x 15000MM (H) x 1000MM (D) 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	BASE ANGLE: 40X40X6 MM 450MM	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x100x10, N: 1X100X10 Material: Electrolytic grade Copper Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves	DVEPL	Copper	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
4	SRNO-14.043		BOARD QTY		
Α	INCOMING		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	2000A 4P 50kA Frame Size: E EDO ACB, Release: Microprocessor Release IPR 1+, Type: Titania	HAVELLS	IHAFE5120	1	1
#REF!	Under Voltage Trip Device 220V AC/DC	HAVELLS	ISACX0196	1	1
#REF!	Shunt Trip / Closing Coil, 220V AC/DC	HAVELLS	ISACX0167	1	1
#REF!	25A Standard Mounting TNC Switch, AuxContact: 1NO+1NC	SALZER	73257SEB03PGGB	1	1
#REF!	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
#REF!	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	1
#REF!	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
В	METERING	MAKE	1	FEEDER QTY	1





6 7	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE ESBEE	EPLY240A EPLB240A	1	1
c	Vallow Can Next Dra LED Indicator 22 Emm Valtage 240V AC	ECDEE	EDI VOADA	1	- 1
1 5	neu den Next Pro Leo Muicator 22.5 mm, voltage: 240V AC	ESBEE	EPLKZ4UA	1	1
5	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC		EPLR240A	1	
4	25A Standard Mounting TNC Switch, AuxContact: 1NO+1NC	SALZER	73257SEB03PGGB	1	1
3	Shunt Trip / Closing Coil, 220V AC/DC	HAVELLS	ISACX0196 ISACX0167	1	1
2	Under Voltage Trip Device 220V AC/DC	HAVELLS	ISACX0196	1	1
1	2000A 4P 50kA Frame Size: E EDO ACB, Release: Microprocessor Release IPR 1+, Type: Titania	HAVELLS	IHAFE5120	1	1
NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	QTY
SR.				QTY	TOTAL
A	INCOMING		1	FEEDER	1
5	SRNO-14.044		BOARD QTY		
6	LABOUR	DVEPL	1101, 00213, 2003 210.	1	JOB
5	HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC)	DVEPL	NUT, BOLTS, LUGS ETC.	1	LOT
4	WIRING HARNESS (METERING STARTERS)	DVEPL	CU- WIRE	1	LOT
	Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves				
3	Material: Electrolytic grade Copper	DVEPL	Copper	1	JOB
	BUSBAR: PH: 1x100x10, N: 1X100X10				
2	BASE ANGLE: 40X40X6MM 450	DVEPL	ISMC	1	JOB
	CABLE ENTRY: TOP/BOTTOM (DETACHABLE GLAND PLATE UNDRILLED)				
	TYPE: INDOOR TYPE, FREE FLOOR RESTING, FIX TYPE, SINGLE FRONT, COMPARTMENTLISED DESIGN, SINGLE DOOR				
1	PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032)	DVEPL	MS/CRCA	1	JOB
4	PRE TREATMENT: 7 TANK PROCESS	DVED	NAC /CDCA	4	100
	FABRICATION: 10/14 SWG CRCA Sheet				
	PANEL ENCLOUSER: 2000MM (W) x 1500MM (H) x 1000MM (D)		,		
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
2	Magnetic), Type: GN Spreader Terminal Kit, 3 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS HAVELLS	IHLGNT0100 ISSLGX0154	2	2
4	100A 3P 16kA MCCB with Spreader Link TM Release (Fixed Thermal & Fixed	HAVELLS	IIII CNT0400	4	
F	OUTGOING 100A	MAKE	1	QTY	1
2	Spreader Terminal Kit, 3 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS	ISSLGX0154	2 FEEDER	2
1	40A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	IHLGNT0040	1	1
				QTY	
E	OUTGOING 40A	MAKE	1	FEEDER	1
2	Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB	HAVELLS	IHLLSEB30400 ISSLLX0065	2	2 4
1	400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type:	HAVELLS	IHII SEB20400	1	2
D	OUTGOING 400A	MAKE	1	QTY	2
2	Spreader Terminal Kit, 4 Pole, 250A for AS, AN, AH MCCB	HAVELLS	ISSLAX0128	2 FEEDER	12
1	Type: AN	HAVELLS	IHLANDC40250	1	6
	250A 4P 25kA MCCB TM Release (Adjustable Thermal & Adjustable Magnetic),			QTY	
С	OUTGOING 250A	MAKE	1	FEEDER	6
8	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	FNL 32C	1	1
7	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	ELMEX	KUTSD 6	3	3
6	6A 1P 10kA C-Curve MCB	HAVELLS	DHMGCSPF006	3	3
5	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE ESBEE	EPLY240A EPLB240A	1	1
3	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
2	Transformer, ID: 100mm	NIPPEN	NA FRI ROADA	3	3
	2000/5A 15VA Acc. Cl: 1, Tape Wound Bar Primary Ring Type Current				
1	CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110	L&T	WL4110100000	1	1
	VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc.				I





В	METERING	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
	2000/5A 15VA Acc. Cl: 1, Tape Wound Bar Primary Ring Type Current	NUDDEN	N/A	2	2
3	Transformer, ID: 100mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	NIPPEN ESBEE	NA EPLR240A	3	3
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	HAVELLS	DHMGCSPF006	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
С	OUTGOING 1000A	MAKE	1	FEEDER QTY	2
1	1000A 4P 50kA Frame Size: E EDO ACB, Release: Microprocessor Release IPR 1+, Type: Titania	HAVELLS	IHAFE5110	1	2
2	Under Voltage Trip Device 220V AC/DC	HAVELLS	ISACX0196	1	2
3	Shunt Trip / Closing Coil, 220V AC/DC	HAVELLS	ISACX0167	1	2
4	25A Standard Mounting TNC Switch, AuxContact: 1NO+1NC	SALZER	73257SEB03PGGB	1	2
5	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	2
6	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	2
7	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	2
D	OUTGOING 100A	MAKE	1	FEEDER QTY	1
1	100A 4P 16kA MCCB with Spreader Link TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	IHLGNF0100	1	1
2	Spreader Terminal Kit, 4 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS	ISSLGX0155	2	2
E	OUTGOING 63A	MAKE	1	FEEDER QTY	2
1	63A 4P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	IHLGNF0063	1	2
2	Spreader Terminal Kit, 4 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS	ISSLGX0155	2	4
F	OUTGOING 40A	MAKE	1	FEEDER QTY	1
1	40A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	IHLGNT0040	1	1
2	Spreader Terminal Kit, 3 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS	ISSLGX0154	2	2
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER: 1800MM (W) x 1800MM (H) x 1000MM (D) 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	BASE ANGLE: 40X40X6MM 450	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x100x10, N: 1X100X10 Material: Electrolytic grade Copper Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves	DVEPL	Copper	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
6	SRNO-14.045		BOARD QTY		
Α	INCOMER		9	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	250A 3P 25kA MCCB TM Release (Adjustable Thermal & Adjustable Magnetic), Type: AN	HAVELLS	IHLANDC30250	1	9





2	Spreader Terminal Kit, 3 Pole, 125A-200A for AS, AN, AH MCCB	HAVELLS	ISSLAX0124	2	18
В	METERING	MAKE	9	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	9
2	250/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm	NIPPEN	NA	3	27
3	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	9
4	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	9
5	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	9
6	6A 1P 10kA C-Curve MCB	HAVELLS	DHMGCSPF006	3	27
7	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	ELMEX	KUTSD 6	3	27
8	32A Neutral Link, Channel Mounting, Color: Black/Grey	FTC	FNL 32C	1	9
С	OUTGOING 40A	MAKE	9	FEEDER QTY	6
1	40A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	IHLGNT0040	1	54
2	Spreader Terminal Kit, 3 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS	ISSLGX0154	2	108
D	OUTGOING 16A	MAKE	9	FEEDER QTY	5
1	16A 3P 16kA MCCB, TM Release (Adjustable Thermal & Fixed Magnetic), Type: HIM 100	HAVELLS	IHDA3BBT0016	1	45
2	Spreader Terminals, Extended Type, 3 Pole (Set of 3) for HIM 100 MCCB	HAVELLS	ISSLEX1158	2	90
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER: 1800MM (W) x 900MM (H) x 300MM (D) 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	BASE ANGLE: 40X40X6MM 450	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x60x5, N: 1X60X5 Material: Electrolytic grade Copper Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves	DVEPL	Copper	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
7	SRNO-14.046		BOARD QTY		
Α	INCOMER		5	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
	250A 3P 25kA MCCB TM Release (Adjustable Thermal & Adjustable Magnetic),				
1	Type: AN	HAVELLS	IHLANDC30250	1	5
2	Spreader Terminal Kit, 3 Pole, 125A-200A for AS, AN, AH MCCB	HAVELLS	ISSLAX0124	2	10
В	METERING	MAKE	5	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	5
2	250/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm	NIPPEN	NA	3	15
3	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	5
4	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	5
5	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	5
					15
6	6A 1P 10kA C-Curve MCB	HAVELLS	DHMGCSPF006	3	15
-	6A 1P 10kA C-Curve MCB 6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 32A Neutral Link, Channel Mounting, Color: Black/Grey	HAVELLS ELMEX FTC	DHMGCSPF006 KUTSD 6	3	15





		I		FEEDER	
С	OUTGOING 40A	MAKE	5	QTY	7
1	40A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	IHLGNT0040	1	35
2	Spreader Terminal Kit, 3 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS	ISSLGX0154	2	70
D	OUTGOING 16A	MAKE	5	FEEDER QTY	4
1	16A 3P 16kA MCCB, TM Release (Adjustable Thermal & Fixed Magnetic), Type: HIM 100	HAVELLS	IHDA3BBT0016	1	20
2	Spreader Terminals, Extended Type, 3 Pole (Set of 3) for HIM 100 MCCB	HAVELLS	ISSLEX1158	2	40
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER: 1800MM (W) x 900MM (H) x 300MM (D) 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	BASE ANGLE: 40X40X6MM 450	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x60x5, N: 1X60X5 Material: Electrolytic grade Copper 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
8	14.047		BOARD QTY		
	INCOMING			FEEDER	4
Α	III COMING		1	QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY QTY	TOTAL QTY
SR. NO.	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type:		CATALOG NUMBER	QTY	TOTAL QTY
SR. NO.	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS	HAVELLS	CATALOG NUMBER IHLLSEB30400	QTY 1	TOTAL QTY
SR. NO.	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type:		CATALOG NUMBER	QTY 1 2	TOTAL QTY
SR. NO.	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING	HAVELLS	CATALOG NUMBER IHLLSEB30400	QTY 1	TOTAL QTY
\$R. NO.	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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	HAVELLS HAVELLS	CATALOG NUMBER IHLLSEB30400 ISSLLX0065	QTY 1 2 FEEDER	TOTAL QTY
SR. NO. 1 2 B	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current	HAVELLS HAVELLS MAKE L&T	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000	QTY 1 2 FEEDER QTY 1	TOTAL QTY 1 2 1
SR. NO.	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm	HAVELLS HAVELLS MAKE L&T NIPPEN	CATALOG NUMBER IHLLSEB30400 ISSLLX0065	QTY 1 2 FEEDER QTY	TOTAL QTY 1 2 1
SR. NO. 1 2 B 1	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	HAVELLS HAVELLS MAKE L&T	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA	QTY 1 2 FEEDER QTY 1 3	TOTAL QTY 1 2 1 1 3
SR. NO. 1 2 B 1 2 3	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	HAVELLS HAVELLS MAKE L&T NIPPEN ESBEE ESBEE	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA EPLR240A	QTY 1 2 FEEDER QTY 1 3 1 1	1 2 1 3 1 1
SR. NO. 1 2 B 1 2 3 4	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	HAVELLS HAVELLS MAKE L&T NIPPEN ESBEE	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA EPLR240A EPLY240A	QTY 1 2 FEEDER QTY 1 3 1	1 2 1 1 3 1 1 1 1
SR. NO. 1 2 B 1 2 3 4 5	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 6A 1P 10kA C-Curve MCB	HAVELLS MAKE L&T NIPPEN ESBEE ESBEE ESBEE	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA EPLR240A EPLY240A EPLB240A	QTY 1 2 FEEDER QTY 1 3 1 1 1	1 2 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SR. NO. 1 2 B 1 2 3 4 5 6	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	HAVELLS HAVELLS MAKE L&T NIPPEN ESBEE ESBEE ESBEE HAVELLS	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA EPLR240A EPLY240A EPLB240A DHMGCSPF006	1 2 FEEDER QTY 1 3 1 1 1 1 3 3	1 2 1 1 3 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3
SR. NO. 1 2 B 1 2 3 4 5 6 7	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 6A 1P 10kA C-Curve MCB 6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	HAVELLS HAVELLS MAKE L&T NIPPEN ESBEE ESBEE ESBEE HAVELLS ELMEX	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA EPLR240A EPLY240A EPLB240A DHMGCSPF006 KUTSD 6	1 2 FEEDER QTY 1 3 1 1 1 3 3 3 3	1 2 1 1 3 1 1 1 3 3 3 3
SR. NO. 1 2 B 1 2 3 4 5 6 7 8	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 6A 1P 10kA C-Curve MCB 6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 32A Neutral Link, Channel Mounting, Color: Black/Grey	HAVELLS HAVELLS MAKE L&T NIPPEN ESBEE ESBEE ESBEE HAVELLS ELMEX FTC	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA EPLR240A EPLY240A EPLB240A DHMGCSPF006 KUTSD 6 FNL 32C	1 2 FEEDER QTY 1 3 1 1 1 3 3 3 1 FEEDER	1 2 1 3 1 1 1 3 3 3 1 1
SR. NO. 1 2 B 1 2 3 4 5 6 7 8 C	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 6A 1P 10kA C-Curve MCB 6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 32A Neutral Link, Channel Mounting, Color: Black/Grey OUTGOING 40A	HAVELLS HAVELLS MAKE L&T NIPPEN ESBEE ESBEE ESBEE HAVELLS ELMEX FTC MAKE	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA EPLR240A EPLY240A EPLB240A DHMGCSPF006 KUTSD 6 FNL 32C 1	1 2 FEEDER QTY 1 3 1 1 1 3 3 3 1 1 FEEDER QTY	TOTAL QTY 1 2 1 1 3 1 1 1 3 3 1 9
SR. NO. 1 2 B 1 2 3 4 5 6 7 8 C 1	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 6A 1P 10kA C-Curve MCB 6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 32A Neutral Link, Channel Mounting, Color: Black/Grey OUTGOING 40A 40A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS HAVELLS MAKE L&T NIPPEN ESBEE ESBEE ESBEE HAVELLS ELMEX FTC MAKE HAVELLS	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA EPLR240A EPLY240A EPLB240A DHMGCSPF006 KUTSD 6 FNL 32C 1 IHLGNT0040	1 2 FEEDER QTY 1 3 1 1 1 1 3 3 3 1 1 FEEDER QTY 1	TOTAL QTY 1 2 1 1 3 1 1 1 9 9
SR. NO. 1 2 B 1 2 3 4 5 6 7 8 C 1 2	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 6A 1P 10kA C-Curve MCB 6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 32A Neutral Link, Channel Mounting, Color: Black/Grey OUTGOING 40A 40A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN Spreader Terminal Kit, 3 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS HAVELLS MAKE L&T NIPPEN ESBEE ESBEE ESBEE HAVELLS ELMEX FTC MAKE HAVELLS HAVELLS	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA EPLR240A EPLY240A EPLB240A DHMGCSPF006 KUTSD 6 FNL 32C 1 IHLGNT0040 ISSLGX0154	1 2 FEEDER QTY 1 3 1 1 1 3 3 1 1 FEEDER QTY 1 2 FEEDER	TOTAL QTY 1 2 1 1 3 1 1 1 9 9 18
SR. NO. 1 2 B 1 2 3 4 5 6 7 8 C 1 2 D	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 6A 1P 10kA C-Curve MCB 6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 32A Neutral Link, Channel Mounting, Color: Black/Grey OUTGOING 40A 40A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN Spreader Terminal Kit, 3 Pole, 80A-100A for GS, GN, GH MCCB OUTGOING 16A	HAVELLS HAVELLS MAKE L&T NIPPEN ESBEE ESBEE ESBEE HAVELLS ELMEX FTC MAKE HAVELLS HAVELLS MAKE	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA EPLR240A EPLY240A EPLB240A DHMGCSPF006 KUTSD 6 FNL 32C 1 IHLGNT0040 ISSLGX0154 1	1 2 FEEDER QTY 1 3 3 1 1 FEEDER QTY 1 2 FEEDER QTY	TOTAL QTY 1 2 1 1 3 1 1 1 3 3 1 9 9 18 2
SR. NO. 1 2 B 1 2 3 4 5 6 7 8 C 1 2 D	BOQDESCRIPTION 400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB METERING 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 400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 6A 1P 10kA C-Curve MCB 6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6 32A Neutral Link, Channel Mounting, Color: Black/Grey OUTGOING 40A 40A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN Spreader Terminal Kit, 3 Pole, 80A-100A for GS, GN, GH MCCB OUTGOING 16A 16A 3P 16kA MCCB, TM Release (Adjustable Thermal & Fixed Magnetic), Type: HIM 100	HAVELLS HAVELLS MAKE L&T NIPPEN ESBEE ESBEE ESBEE HAVELLS ELMEX FTC MAKE HAVELLS HAVELLS HAVELLS HAVELLS	CATALOG NUMBER IHLLSEB30400 ISSLLX0065 1 WL4110100000 NA EPLR240A EPLY240A EPLB240A DHMGCSPF006 KUTSD 6 FNL 32C 1 IHLGNT0040 ISSLGX0154 1 IHDA3BBT0016	QTY 1 2 FEEDER QTY 1 3 1 1 1 3 3 1 FEEDER QTY 1 2 FEEDER QTY 1	TOTAL QTY 1 2 1 1 3 1 1 1 3 3 1 9 9 18 2





			AN ISO 9001:2008 CERTIFI	.b 60.	
1	PANEL ENCLOUSER: 1900MM (W) x 1000MM (H) x 300MM (D) 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	BASE ANGLE: 40X40X6MM 450	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x60x5, N: 1X60X5 Material: Electrolytic grade Copper 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
9	SRNO-14.048		BOARD QTY		
Α	INCOMING		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	400A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS	HAVELLS	IHLLSEB30400	1	1
2	Spreader Terminal Kit, 3 Pole, 200A-400A for LS, LN MCCB	HAVELLS	ISSLLX0065	2	2
В	METERINGH	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	400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current Transformer, ID: 60mm	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	HAVELLS	DHMGCSPF006	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
С	OUTGOING 40A	MAKE	1	FEEDER QTY	8
1	40A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	IHLGNT0040	1	8
2	Spreader Terminal Kit, 3 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS	ISSLGX0154	2	16
D	OUTGOING 16A	MAKE	1	FEEDER QTY	3
1	16A 3P 16kA MCCB, TM Release (Adjustable Thermal & Fixed Magnetic), Type: HIM 100	HAVELLS	IHDA3BBT0016	1	3
2	Spreader Terminals, Extended Type, 3 Pole (Set of 3) for HIM 100 MCCB	HAVELLS	ISSLEX1158	2	6
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER: 1900MM (W) x 1000MM (H) x 300MM (D) 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	BASE ANGLE: 40X40X6MM 450	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x60x5, N: 1X60X5 Material: Electrolytic grade Copper Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves	DVEPL	Aluminum	1	JOB
4		DVEPL		1	





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5	HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC)	DVEPL	NUT, BOLTS, LUGS ETC.	1	LOT
6	LABOUR	DVEPL	, ,	1	JOB
10	SRNO-14.049		BOARD QTY		
Α	INCOMING		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	1000A 3P 50kA Frame Size: E EDO ACB, Release: Microprocessor Release IPR 1+, Type: Titania	HAVELLS	IHATE5110	1	1
2	Shunt Trip / Closing Coil, 220V AC/DC	HAVELLS	ISACX0167	1	1
3	25A Standard Mounting TNC Switch, AuxContact: 1NO+1NC	SALZER	73257SEB03PGGB	1	1
4	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
5	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	1
6	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
В	METERING	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	1000/5A 15VA Acc. Cl: 1, Tape Wound Bar Primary Ring Type Current Transformer, ID: 100mm	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	HAVELLS	DHMGCSPF006	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
С	OUTGOING 500A	MAKE	1	FEEDER QTY	1
1	500A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS	HAVELLS	IHLLSEB30500	1	1
2	Spreader Terminal Kit, 3 Pole, 500A-630A for LS, LN MCCB	HAVELLS	ISSLLX0067	2	2
D	OUTGOING 200A	MAKE	1	FEEDER QTY	4
1	200A 3P 25kA MCCB TM Release (Adjustable Thermal & Adjustable Magnetic), Type: AN	HAVELLS	IHLANDC30200	1	4
2	Spreader Terminal Kit, 3 Pole, 125A-200A for AS, AN, AH MCCB	HAVELLS	ISSLAX0124	2	8
E	MCCB 40A	MAKE	1	FEEDER QTY	1
1	40A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	IHLGNT0040	1	1
2	Spreader Terminal Kit, 3 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS	ISSLGX0154	2	2
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER: 1800MM (W) x 1400MM (H) x 1000MM (D) 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	BASE ANGLE: 40X40X6MM 450	DVEPL	ISMC	1	JOB
	BUSBAR: PH: 1x80x10, N: 1X80X10 Material: Electrolytic grade Copper	DVEPL	Aluminum	1	JOB
3	Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves				
3		DVEPL	CU- WIRE	1	LOT
	Insulation: Color coded heat shrinkable Sleeves	DVEPL DVEPL	CU- WIRE NUT, BOLTS, LUGS ETC.	1	LOT LOT
4	Insulation: Color coded heat shrinkable Sleeves WIRING HARNESS (METERING STARTERS)				





A	INCOMING		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	500A 3P 36kA MCCB TM Release (Adjustable Thermal & Fixed Magnetic), Type: LS	HAVELLS	IHLLSEB30500	1	1
2	Spreader Terminal Kit, 3 Pole, 500A-630A for LS, LN MCCB	HAVELLS	ISSLLX0067	2	2
В	METERING	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
	1000/5A 15VA Acc. Cl: 1, Tape Wound Bar Primary Ring Type Current				
2	Transformer, ID: 100mm	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	HAVELLS	DHMGCSPF006	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
С	OUTGOING 200A	MAKE	1	FEEDER QTY	4
1	200A 3P 25kA MCCB TM Release (Adjustable Thermal & Adjustable Magnetic), Type: AN	HAVELLS	IHLANDC30200	1	4
2	Spreader Terminal Kit, 3 Pole, 125A-200A for AS, AN, AH MCCB	HAVELLS	ISSLAX0124	2	8
D	OUTGOING 63A	MAKE	1	FEEDER QTY	1
1	63A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	IHLGNT0063	1	1
2	Spreader Terminal Kit, 3 Pole, 80A-100A for AS, AN, AH MCCB	HAVELLS	ISSLAX0121	2	2
E	OUTGOING 40A	MAKE	1	FEEDER QTY	2
1	40A 3P 16kA MCCB TM Release (Fixed Thermal & Fixed Magnetic), Type: GN	HAVELLS	IHLGNT0040	1	2
2	Spreader Terminal Kit, 3 Pole, 80A-100A for GS, GN, GH MCCB	HAVELLS	ISSLGX0154	2	4
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	PANEL ENCLOUSER: 1400MM (W) x 1100MM (H) x 350MM (D) 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	BASE ANGLE: 40X40X6MM 450	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x40x10, N: 1X40X10 Material: Electrolytic grade Copper Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves	DVEPL	Copper	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-14.040	3	5,42,500.00	16,27,500.00
2	SRNO-14.041	3	2,98,333.33	8,95,000.00
3	SRNO-14.042	1	5,02,200.00	5,02,200.00
4	SRNO-14.043	1	5,13,400.00	5,13,400.00
5	SRNO-14.044	1	6,97,300.00	6,97,300.00
6	SRNO-14.045	9	1,17,511.11	10,57,600.00
7	SRNO-14.046	5	85,140.00	4,25,700.00
8	SRNO-14.047	1	97,600.00	97,600.00
9	SRNO-14.048	1	1,06,800.00	1,06,800.00
10	SRNO-14.049	1	2,72,300.00	2,72,300.00
11	SRNO-14.050	1	1,42,100.00	1,42,100.00
	TOTAL QUANTITY	27	TOTAL COST (INR)	63,37,500.00

In words: Rupees Sixty Three Lac Thirty Seven Thousand Five 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