	BILL OF QUANTITY FOR ELECTRICAL WORK CANARA BANK, CIRCLE OFFICE, H	KARNA	A.		
S.No	ELECTRICAL WORKS  DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
3.140	DESCRIPTION OF WORKS	ONIT	QII	KAIL	AWOON
A.	POINTS & WIRING				
_	LIGHTS POINTS				
1	LIGHTS POINTS Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 1.5 sq.mm. PVC				
	insulated 1100 V Grade copper conductor (FRLS) wires & 1.5 sq.mm. copper earth wire in				
	concealed/ surface using 16 SWG MS conduits, accessories such as bends, tees, saddles, draw				
	boxes, mounting boxes, inner plates, cover plates, ceiling rose etc. (wherever required) and				
	chromium plates brass screws/ rowel plug etc. The circuit wiring starting from DB to point control				
1	box/ switch box using 2 X 2.5 sq.mm PVC insulated 1100 V grade multistranded copper conductor				
	wire & 2.5 sq.mm. PVC insulated earth wire (color code to be used). (Flexible conduit/ elbow not allowed). The conduit to be laid in ceiling with proper clamps/ wall/ floor and filling the chase with				
	cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with				
	proper clamps etc. all complete.				
	(Wherever required as per standard specifications).				
	i) Each circuit shall have independent earth wire.				
<u> </u>	ii) Each point shall be earthed.				
<del> </del>	iii) Circuit wiring is to be included in point wiring rates.  Primary points controlled by one 6 amp. Modular switch.	Nos.	115		
iii	Secondary light points controlled by one 6 amp. Modular switch.	Nos.	75		
	One call bell point with ceiling rose/ 6amp. 3 pin sockets controlled by one 6 amp. Push Modular				
iii	switch. With call bell	Nos.	5	<u> </u>	
iv	One wall fan/ ceiling/ exhaust fan point with 6-amp 3pin socket controlled by one 6 amp. Modular	Nos.	66		
	switch. The switch should be at switchboard level.		00		
V	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc. Dependent	Nos.	90		
	Same as serial no 1 but using 2*1.5 + 1*1.5 Sq.mm Copper Conductor FRLS wires from DB to				
١	first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point				
vi	with same 2*2.5 + 1*2.5 Sq.mm copper conductor wires FRLS insulated 1100V grade (max 3				
	points per circuit).				
	Primary Point	Nos.	17		
2	POWER POINTS				
	Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using 2* 2.5 sq.mm. PVC insulated				
	1100 V grade copper conductor wire with independent 1* 2.5 sq.mm earth wire from D.B. to first				
	point 1st socket and 1st to 2nd, socket with 2*2.5 sq.mm and 1*2.5 earth wire including providing				
	and fixing of 16 Amp, 6 -pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc.				
	complete assembly) max 2 points per circuit.	Nas	00		
	Primary Point	Nos.	80		
3	AC POINTS FOR INDOOR & OUTDOOR UNITS				
	Same as serial no.1, but wiring for A/C socket by using 2*6 sq.mm. PVC insulated 1100 V grade				
	copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper				
3(a)	conductor wire with modular type AC box (tiny trip type) with socket complete in all respects	Nos.	20		
- ()	controlled by 25/32 A SP MCB to be provided near indoor unit. The point starts from DB to				
	stabilizer to the point near the indoor unit including top. Items should be executed after approval from Bank/ Architect.				
	Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade				
	copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper				
3(b)	conductor wire of weather proof type AC box with socket complete in all respects controlled by 25	Nos.	26		
	A MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor				
<u> </u>	unit.				
4	COMPUTER POINTS (UPS)				
	Wiring with 2x1.5 sq.mm. + 1x1.5 sq.mm. PVC insulated 1100 V grade multi stranded copper				
	conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3				
	nos. 6 amps. 5 pin modular type sockets, one 6 amps modular switch with all accessories, inner/				
а	outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets				
	under the counter. b) Same as above but looped from the above 1st point to 2nd, point and 2nd				
	point to 3rd point. (Maximum 3 points in a circuit)				
	Primary Points	Nos.	80		

	Wiring with 2x1.5 sq.mm + 1x1.5 sq.mm PVC insulated 1100 V grade multi stranded copper				
	conductor wires in 2mmthick PVC conduit from UPS DB to computer point. Each point to have 1				
	nos. 16 amps 5 pin modular type sockets, 1 No's 16 amps modular switch with all accessories,				
	inner/ outer plates, metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as				
b	per requirement at site. The switch should be fixed above the top of counter and sockets under				
	the counter, or as directed by the engineer in charge for the rack supply in PA rack, CCTV etc. b)				
	Same as above but looped from the above 1st point to 2nd point (Maximum 2 points in a circuit)				
	Primary Points	Nos.	15		
				TOTAL	
		7/// (2	1) 300	TOTAL	
B.	CONDUITING FOR TELEPHONE, COMPUTER &CONDUITING, WIRING FOR T.V. SYSTEM.				
	TELEBUONE OVOTEN				
1	TELEPHONE SYSTEM				
	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in				
	PVC conduits of size 20/25 mm including providing ferrules at both ends and termination at both				
1.1	ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and	NIOC	75		
''	mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in	1403.	70		
	PVC conduits throughout the length, from the I/O hub to the point.				
	Supplying, laying, effecting terminations, testing and commissioning of 0.51 mm dia Cu.				
4.0	Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing				
1.2	tray or in conduit including providing &fixing conduit pipe or cable tray as required from building				
	tag block to the floor as required.				
a)	Supplying & fixing 20 pair krone tag block with enclosure.	Nos.	5		
b)	P/L 20 Pair of PVC insulated PVC sheathed multi core jelly filled armored telephone.	Mtr.	350		
	Supply, Installation and Commissioning of EPABX System complete with following specifications as	IVICI.	000		
c)	required.				
	Digital, Non-Blocking, ISDN / ATM, IP ready, hot standby on control cards, Communication Server with SIP.				
	3, , , , , , , , , , , , , , , , , , ,				
	Equipped with:				
	Control section cPCI architecture				
	Based on Real Time 2gIP platform				
	Trunk side :				
	2 ISDN PRI Interface (30 channels)				
	32 P&T Trunk lines				
	Extension side:				
	150 analogue extensions				
	24 digital extensions				
	24 IP extensions				
	With CALLER ID ON DIGITAL AND ANALOG PUSH BUTTON TELEPHONES / EXTENSION**Internal &				
	External Both				
	System Features: -				
	IP Distributed Architecture				
	Parallel Ringing on Extensions as well as on GSM Handset.				
	Support for Integrated IP Gateways				
	VOIP Capability				
	System Documentation on CD-ROM				
	Support for OFC Connectivity				
	Expandable up to 200 ports.				
	For Caller ID, Analog Push Button Phone Should have the capability of CLI Only on PRI Lines/Trunk lines				
	n or Galler 12, Androg Fush Button Fhone Should have the Capability of CLI Only on FRI Lines/Trunk lines 				
	IP Based Operator ConsoleWith BLF and Wired U.S.B. Head set - 03 Nos				
<b>-</b>	Modem for Remote Maintenance - 01 No.				
	Maintenance Terminal software - 01 No.				
	Music In Hold - 01 No.				
	Paging Interface / Fire Alarm Interface - 01 No.				
	Voice mail (08 Ports) - 01 No.	-		-	
	Call billing software - 01 No.				
	Power back up for 04 hrs			ļ	
	Exchange described as above	Set	1		

-	The following items are including from the above BOQ are as follows,				
	All type of Active components				
	Switches				
	Patch Cards				
	Certification				
	Uplinks between Hubs located in each floor to Server Racks and sever rack to differenct building.				
	IP Telephone Handset				
	Fiber Network for all building internal distribution & external distribution				
	Any other item related to Data networking & IP phone system.				
d)	MDF with Krone Modules 50 pairs with connector	Nos	2		
2	COMPUTER NETWORKING				
	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6				
	computer cable in PVC conduits of size 20/25 mm including providing ferrules at both ends and				
2.1	termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet,	Nos.	100		
2.1	faceplate and mounting box complete of modular type, this work includes supply and laying of	1105.	100		
	CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.				
2.2	Cleaning & Re- fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal),	Nos.	1		
2.2	cable manager 1 lock & key).	NOS.	'		
2.3	Cleaning & Re- Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	1		
2.4	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	150		
2.5	Supplying and fixing Patch Cord-1 Meter-	Nos.	150		
3	Supply and fixing of 1.6 mm thick G.I. Box along with RG 6 T.V Co axial socket with Cover Plate.	Nos.	10		
4	Supply, drawing, connecting, testing and commissioning of T.V Coaxial cable RG 6 with conduit.	RM	150		
		PART (E	3) SUB	TOTAL	
C.	CABLES, MAINS & SUBMAINS		,		
	Supplying all materials and laying/ pulling 1100 volts grade PVC insulated copper conductor wires				
	(FRLS) in MS conduit with all fixing accessories after cutting the floor, wall and the like etc. and				
1	plastering the floor level to original. Conduit must be 30 mm below the floor finish level. <b>Items</b>				
'	should be executed after approval from Bank/ Architect.				
	Should be exceded after approval from Ballin Architect.				
ii	2 X 6 sq.mm. + 1 X 6 sq.mm.	RM	250		
iii	2 X 10 sq.mm. + 1 X 6 sq.mm. (Branch UPS DB)	RM	50		
iv	1 X 10 sq.mm. Cu wire for earthing. (UPS Input/Output)	RM	150		
V	4x10 sq.mm. +2x6sq.mm (Panel to TPN)	RM	50		
_ v	Supplying, laying, testing & commissioning of 3.5 C X 16 sq.mm. at 1100 volts grade PVC	IXIVI	30		
	insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables				
V		RM	45		
	end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required				
	as per specification (Light DB + Power DB).				
	Supplying, laying, testing & commissioning of 4 C X 35 sq.mm. at 1100 volts grade PVC insulated				
vi	aluminum conductor armoured cable with 10-gauge earth copper wire including cables end	RM	75		
	termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as		-		
	per specification ((Mains).				
	Supplying, laying, testing & commissioning of 3.5 C x 50 sq.mm. at 1100 volts grade PVC				
vii	insulated aluminum conductor armored cable with 10 gauge earth copper wire including cables	RM	150		
l *''	end termination using appropriate Lugs, Glands, termination accessories, Clampsetc. as required	1 (14)	100		
	as per specification. (Mains)				
				TOTAL	

Supplying, installing, testing &commissioning of surface/recessed mountings, Double door 415 voits TPM MCB distribution board of steel, 1.6 mm thick dust phosphatized and panited, inclusive of 100 amps, tinned copper bus bars, santh bar, common neutral link, din bar for mounting of MCPs detachable gland / knock out plate & with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bub bars and the MCPs as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.  Use 'B' curve MCBs for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and spih ACs etc. & D' curve for UFS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCBs shall be selected accordingly i.e. type 8,0 & D. Contractor to select the MCBs accordingly as per the nature of the circuit/ load.  Sach DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.  UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.  All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB)  Incomer:  1 No. 4 Amy TPN (10 KA) SP MCB  b 4-way TPN DB (ACDB)  Incomer:  1 No. 6 Am pr TPN (10 KA) SP MCB  c 4-way SPN DB (For UPS Sub DB)  No. 1 Incomer:  1 No. 6 Am pr TPN (10 KA) SP MCB  C 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCCB (100 MA)  Outgoing:  6 Nos. 6/10/16/25Amp (10 KA) SP MCB  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod o	Supplying, installing, testing &commissioning of surface/recessed mountings, Double door 415 volts TPN MCB distribution board of steel, 1.6 mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper bus bars, earth bar, common neutral link, din bar for mounting of MCB's detachable gland / knock out plate & with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors of retired in the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.  Use 8° curve MCB's for lighting & small power circuits, C° curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.  Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to body earth link.  All internal inter connecting wining with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating, Inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB)  Incomer:  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing:  6 Nos.6/10 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 1  Incomer:  1 No. 63 Amp TPN (10 KA) SP MCB  C 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 4  C 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit C
voits TPN MCB distribution board of steel, 1.6 mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper bus bers, earth bar, common neutral link, du bar for mounting of MCBs detachable gland / knock out plate & with built in lose wire box, and superior make terminal connectors for all incoming and outgoing circuits duty previered with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.  Use B'curve MCB's for lighting & small power circuits, 'C' curve for motor duty ie. for pumps, AC motors, window and split AC's etc. & 'D' curve for LPS DB's ie. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly ie. type B.C. & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.  Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.  UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.  All internal inter connecting wiring wirin in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating, linside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB) Incomer:  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing:  6 Nos &110 Amp (10 KA) SP MCB  1 No. 63 Amp TPN (10 KA) SP MCB  1 No. 63 Amp TPN (10 KA) SP MCB  6 Nos &10 Outgoing:  6 Nos &10 Outgoing:  1 No. 40 Amp DP (10 KA) MCB with 63 A DP MCCB (100 MA)  Outgoing:  1 No. 40 Amp DP (10 KA) MCB with 55 A DP MCCB (100 MA)  Outgoing:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:  1 No.	voits TPM MCB distribution board of steel, 1.6 mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper bus bars, cent bar, common neutral link, din bar for mounting of MCB's detachable gland / knock out plate & with built in loose wire box, and superior make terminal connectors for all incoming and outplong circuits duly prewited with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.  Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e, for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e, for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e, type B.C. & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.  Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.  UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.  All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating, inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB)  Incomer:  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing:  6 Nos. 6/10 Amp (10 KA) SP MCB   4-way SPN DB (For UPS Sub DB)  Incomer:  1 No. 40 Amp DP (10 KA) SP MCB  A-way SPN DB (For UPS Sub DB)  Incomer:  1 No. 40 Amp DP (10 KA) SP MCB  A-way SPN DB (For UPS Sub DB)  Incomer:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:  6 Nos. 6/10/16/25Axp (10 KA) SP MCB  A-way SPN DB (For UPS Sub DB)  Incomer:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MC
insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.  Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit vised.  Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.  UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.  All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB)  Incomer:  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing:  6 Nos 8/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB)  Incomer:  1 No. 53 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing:  6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 4  (24-8)-way SPN DB (For UPS Sub DB)  No. 4  Incomer:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:  6 Nos. 6/10/16/25Amp (10 KA) SP MCB  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors. Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthin	insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.  Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for upon the common of the c
motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers' PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.  Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.  UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.  All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB)  Incomer:  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing:  6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB)  Incomer:  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing:  6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  4 (2+8)-way SPN DB (For UPS Sub DB)  Incomer:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:  6 Nos. 6/10/16/25/3mp (10 KA) SP MCB  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, PIt Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	motors, window and split AC's etc. & 1D curve for UPS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.  Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.  UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.  All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating, inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB)  Incomer:  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing:  6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB)  Incomer:  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing:  6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 4  (2+8)-way SPN DB (For UPS Sub DB)  Incomer:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:  6 Nos.6/10/16/25/3Amp (10 KA) SP MCB  Lougoing:  7 No. 4 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:  8 No. 4 PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 27 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other arcsessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specific
incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.  UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.  All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB) Incomer:  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing:  6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB) Incomer:  1 No. 40 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing:  6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos. 6/10/16/25/32 Amp (10 KA) SP MCB  Lincomer: 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos. 6/10/16/25/32 Amp (10 KA) SP MCB  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other earthing, Earthing certificate to be submitted along with the bill).  No. 4	incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.  UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.  All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  4-way TPN DB (LIGHT DB/ Power DB)  Incomer: -  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing: -  6 Nos. 610 Amp (10 KA) SP MCB  b. 4-way TPN DB (AC DB)  Incomer: -  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: -  6 Nos. 610 Amp (10 KA) SP MCB  C. 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d. (2+8)-way SPN DB (For UPS Sub DB)  Incomer: -  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing: -  6 Nos. 61/10/16/25/34 (10 KA) SP MCB  EARTHING SYSTEM  PART (D) SUB TOTAL  EARTHING SYSTEM  PART (D) SUB TOTAL  EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for capter bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for capter bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for capter bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicab
addition to body earth link.  All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB)  Incomer:  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing: 6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB) Incomer: 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer: 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos.6/10/16/25/3mp (10 KA) SP MCB  FARTI(D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4	addition to body earth link.  All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB)  Incomer: 1 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing: 6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB)  Incomer: 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: 1 No. 64 Nos. 10/16/25/32 Amp (10 KA) SP MCB  d (2+8)-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  Incomer: 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing: 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing: 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing: 1 No. 40 Amp DP (10 KA) SP MCB   PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing and with Rod-to-Conductor conne
conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB) Incomer:  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: 6 Nos. 6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB) Incomer: 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  d (2+8)-way SPN DB (For UPS Sub DB) Incomer: 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos. 6/10/16/25/Amp (10 KA) SP MCB  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed. Items should be executed after approval from Bank/Architects  a 4-way TPN DB (LIGHT DB/ Power DB) Incomer: 1 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing: 6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB) Incomer : 1 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  d (2+8)-way SPN DB (For UPS Sub DB) Incomer: 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos.6/10/16/25Amp (10 KA) SP MCB  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  8 Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 27 2 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate and as per specification and other applicable codes (include chamber for earthing, Earthing certificate and as per specification and other applicable codes (include chamber for earthing, Earthing certificate and as per specification and other applicable codes (include chamber for earthing, Earthing certificate and as per specification and other applicable codes (include chamber for earthing, Earthing and Alpha Park earth enhancement material, Pit Cover and other accessories as required and as
Incomer:  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: 6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB) Incomer: 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  Incomer: 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos. 6/10/16/25Amp (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos. 6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4  2 Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4	Incomer: -  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing: -  6 Nos.6/10 Amp (10 KA) SP MCB  Incomer: -  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: -  6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  C 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer: -  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing: -  6 Nos.6/10/16/25Amp (10 KA) SP MCB   Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors. Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors. Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors. Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to the submitted along with enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate as per specification and other applicable codes (include chamber for earthing, Earthi
Incomer:- 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing:- 6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB) Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing:- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  d (2+8)-way SPN DB (For UPS Sub DB) Incomer:- 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  E ARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4  2 Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4	Incomer: -  1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4
1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Kinimum copper bonding shall be 0.25 mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other arthing, Earthing, Earthing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase  Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as pe
6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB)	6 Nos.6/10 Amp (10 KA) SP MCB  b 4-way TPN DB (AC DB) Incomer:  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer: 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for learthing, Earthing certificate to be submitted along with the bill).
b 4-way TPN DB (AC DB) Incomer:  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer: 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing: 6 Nos.6/10/16/25Amp (10 KA) SP MCB  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other aerthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other aerthing, Earthing certificate to be submitted along with the bill).  Nos 4  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	b 4-way TPN DB (AC DB) Incomer:  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer:- 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicable codes (include chamber for copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicable codes (include chamber for copper bonding shall b
Incomer:  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer: 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing: 6 Nos.6/10/16/25Amp (10 KA) SP MCB  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4	Incomer:-  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing:- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer:- 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other along with Rod-to-Conductor connectors, Earth enhancement materi
Incomer :-  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing :- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer:- 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4	Incomer:-  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing:- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer:- 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicable made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicable codes (include chamber for along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicable sodes (include chamber for along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include c
1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4	1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase  Outgoing:- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer:- 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:- 6 Nos. 6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specificatio
Outgoing:- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB)  Incomer:- 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4	Outgoing:- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer:- 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and
6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8  d (2+8)-way SPN DB (For UPS Sub DB) Incomer:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos.6/10/16/25Amp (10 KA) SP MCB  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4	6 Nos. 10/16/25/32 Amp (10 KA) SP MCB  c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  d (2+8)-way SPN DB (For UPS Sub DB) Incomer:- 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for language) with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for language) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for language) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for language) and language with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for language).
c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  d (2+8)-way SPN DB (For UPS Sub DB) Incomer:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos 4	c 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)  No. 8    d (2+8)-way SPN DB (For UPS Sub DB)
d (2+8)-way SPN DB (For UPS Sub DB) Incomer:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos  4	d (2+8)-way SPN DB (For UPS Sub DB)  Incomer:-  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:-  6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes
d (2+8)-way SPN DB (For UPS Sub DB) Incomer:  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos  4	d (2+8)-way SPN DB (For UPS Sub DB)  Incomer:-  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:-  6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes
Incomer:-  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos  4	Incomer:-  1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include
1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Nos  4  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)  Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber for accessories as required and as per specification and other applicable codes (include chamber fo
Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for
6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	6 Nos.6/10/16/25Amp (10 KA) SP MCB  PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for
E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	PART (D) SUB TOTAL  E EARTHING SYSTEM  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for
Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for
Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for
Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for
copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	copper bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for
copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for
,	leartning, Eartning certificate to be submitted along with the bill).
3 Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.	Providing and fixing of Copper/ Glistrins in surface or in recess for loop earthing etc. as required
	-
	i los manus anno actria in Dialese Olivies
	i 25 mm x 3 mm copper strip in B-class GI pipe RM 50
::: Providing and fixing 2 X 6mm Cu earth wire in PVC conduit on surface or in recess for loop	ii 25 mm x 5 mm Gl strip RM 50  iii Providing and fixing 2 X 6mm Cu earth wire in PVC conduit on surface or in recess for loop RM 350
	ii 25 mm x 5 mm Gl strip RM 50  iii Providing and fixing 2 X 6mm Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required.

5 6 7 8 9 10 11 12 13 14 15 16 17 18	M.C.B./RCCB/RCBO etc  Distribution Boards  MCCB  Change Over Switches End Termination accessories  Telephone Cables & accessoreies  Fans/Exhaust fans  Music Speakers  Amplifiers  DVR  Rg11, CAT5/CAT6 cables/Telephone wires  CCTV Dome Camera  Hard Disk drive  Smoke/Heat/Optical Fire Detectors  Response Indicators, Hooters  Telephone Tag Block	Sch-H.P.L Dowe H: C Samsu Legra	Legrand Same Inneider, /A.B.E ells/Ush avells, rompto Philips Philips and, M Honyw Seagat d,Sieme rd,Sieme	d/Havells e As Aboe /Legrand 3./Standa as/Brecco Krone, F n/Havell/ /Bosch/A neywell, lolex, D'L ell, HIKVI ens, Appe	ove //Havells ard/ L.& 7 o/Cosmo inolex, //USHA khuja khuja HIKVISI Link ,AMI
5 6 7 8 9 10 11 12 13 14 15 16 17 18	M.C.B./RCCB/RCBO etc  Distribution Boards  MCCB  Change Over Switches End Termination accessories  Telephone Cables & accessoreies  Fans/Exhaust fans  Music Speakers  Amplifiers  DVR  Rg11, CAT5/CAT6 cables/Telephone wires  CCTV Dome Camera  Hard Disk drive  Smoke/Heat/Optical Fire Detectors  Response Indicators, Hooters	Sch-H.P.L Dowe H: C Samsu Legra	Legrand Same Inneider, /A.B.E ells/Ush avells, rompto Philips Philips and, M Honyw Seagat d,Sieme rd,Sieme	d/Havells e As Abo /Legrand 3./Standa as/Brecce Krone, F n/Havell/ /Bosch/A /Bosch/A neywell, lolex, D'L ell, HIKVI ens, App nens OF	ove //Havells ard/ L.& 7 o/Cosmo inolex, //USHA khuja khuja HIKVISI Link ,AMI ision SION
5 6 7 8 9 10 11 12 13 14 15 16 17	M.C.B./RCCB/RCBO etc  Distribution Boards  MCCB  Change Over Switches End Termination accessories  Telephone Cables & accessoreies  Fans/Exhaust fans  Music Speakers  Amplifiers  DVR  Rg11, CAT5/CAT6 cables/Telephone wires  CCTV Dome Camera  Hard Disk drive	Sch H.P.L Dowe Ha C	Same Same Same Same Same Same Same Same	d/Havells e As Aboe /Legrand 3./Standa as/Brecco Krone, F n/Havell/ /Bosch/A /Bosch/A neywell, lolex, D'L ell, HIKVI	ove //Havells //Havells and/ L.& 7 o/Cosmo inolex, //USHA khuja khuja HIKVISI Link ,AMI ision
5 6 7 8 9 10 11 12 13 14 15 16	M.C.B./RCCB/RCBO etc  Distribution Boards  MCCB  Change Over Switches  End Termination accessories  Telephone Cables & accessoreies  Fans/Exhaust fans  Music Speakers  Amplifiers  DVR  Rg11, CAT5/CAT6 cables/Telephone wires  CCTV Dome Camera	Sch H.P.L Dowe Ha C	Legrand Same ineider/A.B.E ells/Ush avells, rompto Philips Philips ing,Hor and, M Honyw	d/Havells e As Abo /Legrand 3./Standa na/Brecco Krone, F n/Havell/ /Bosch/A /Bosch/A neywell, lolex, D'L ell, HIKV	ove //Havells ard/ L.& To/Cosmo inolex, //USHA khuja khuja HIKVISI Link ,AMI
5 6 7 8 9 10 11 12 13	M.C.B./RCCB/RCBO etc Distribution Boards MCCB Change Over Switches End Termination accessories Telephone Cables & accessoreies Fans/Exhaust fans Music Speakers Amplifiers DVR	Sch H.P.I Dowe H: C	Same neider/A.B.E ells/Ush avells, rompto Philips Philips ing, Hor	d/Havells As Abo /Legrand 3./Standa na/Brecco Krone, F n/Havell/ /Bosch/A neywell,	ove I/Havells ard/ L.& To/Cosmo inolex, /USHA khuja Khuja HIKVISI
5 6 7 8 9 10 11 12	M.C.B./RCCB/RCBO etc  Distribution Boards  MCCB  Change Over Switches  End Termination accessories  Telephone Cables & accessoreies  Fans/Exhaust fans  Music Speakers  Amplifiers	Sch H.P.L Dowe H:	egrand Same nneider. /A.B.E ells/Ush avells, rompto Philips Philips	d/Havells As Abo /Legrand 3./Standa na/Breccc Krone, F n/Havell/ /Bosch/A	ove I/Havells ard/ L.& 7 o/Cosmo inolex, /USHA khuja
5 6 7 8 9 10	M.C.B./RCCB/RCBO etc Distribution Boards MCCB Change Over Switches End Termination accessories Telephone Cables & accessoreies Fans/Exhaust fans	Sch H.P.L Dowe Ha	egrand Same nneider /A.B.E ells/Ush avells, rompto	d/Havells As Abo Legrand B./Standa na/Brecco Krone, F	ove //Havells ard/ L.& 7 o/Cosmo inolex, /USHA
5 6 7 8 9	M.C.B./RCCB/RCBO etc Distribution Boards MCCB Change Over Switches End Termination accessories Telephone Cables & accessoreies	Sch H.P.L Dowe	egrand Same Inneider I./A.B.E ells/Ush avells,	d/Havells As Abo Legrand S./Standa na/Brecco Krone, F	ove //Havells ard/ L.& 7 o/Cosmo inolex,
5 6 7 8	M.C.B./RCCB/RCBO etc Distribution Boards MCCB Change Over Switches	Sch H.P.L	egrand Same nneider	d/Havells As Abo Legrand S./Standa	ove //Havells ard/ L.& ]
5 6 7	M.C.B./RCCB/RCBO etc Distribution Boards MCCB	l Sch	egrand Same neider	d/Havells As Abo Legrand	ove /Havells
5	M.C.B./RCCB/RCBO etc		_egran	d/Havells	
	Lighting Fixtures		0	Havells /	
	Wires & cables Modular Switches, Sockets etc			vells/ Po /Havells/	
	Ceiling Junction Boxes			lite/ANCI	
	PVC Conduit		Pred	ision/AK	Ğ
	APPROVED MAKE LIST DESCRIPTION		Appre	oved Ma	kes
	GROSS SUB TOTAL (PART A + PART B + PART C + PART D + PART E + PART F + PART G GST EXTRA				
	F	PART (C	S) SUB	TOTAL	
	Supply installation of 16 Amp. DP MCB at main entrance Glow sign Board with Timer of reputed make- Samsung	Nos.	2		
	To Glow Sign Board Supply installation of 16 Amp. DR MCR at main optrance Glow sign Board with Timer of reputed				
	Supply laying of Main line with 2x2.5 + 1x 1.5 Sq.mm through MS conduit from main panel	Mtr.	75		
	OUTDOOR TYPE GLOW SIGN BOARD WIRING				
				TOTAL	
_	1 Lot of control / power wiring. Panel described as above	Set	4		
	02 Nos 25A DP Miniature Circuit Breaker.				
_	04 Nos 63A TPN Miniature Circuit Breaker. 03 Nos 40A TPN Miniature Circuit Breaker.				
	OUTGOING  04 Nos 634 TRN Ministure Circuit Breaker				
	150 Amp TPN aluminium busbar.				
_	1 Set of KWH Meter with 3nos CT's. BUS BARS				
	1 Set of ON / OFF indicating lamps with Single Pole MCB.				
	1 Set of phase indicating lamps with Single Pole MCB.				
	No. 0 to 500 Volt digital voltmeter with inbuilt selector switch.      No. 100 Amp digital ammeter with inbuilt selector switch and CT's.				
	1 No. 100 Amp FP Moulded Case Circuit Breaker.				
_	INCOMING				
	LIGHT POWER & AC PANEL				
_	Panel described as above	Set	1		
	Nos 160A TP+N Moulded Case Circuit Breaker.  Lot of control / power wiring.				
	07 Nos 100A TP+N Moulded Case Circuit Breaker.				
_	600 Amp TPN aluminium busbar.  OUTGOING				
_	BUS BARS				
	1 Set of KWH Meter with 3nos CT's.				
_	Set of phase indicating lamps with Single Pole MCB.      Set of ON / OFF indicating lamps with Single Pole MCB.				
_	1 No. 500 Amp digital ammeter with inbuilt selector switch and CT's.				
	1 No. 0 to 500 Volt digital voltmeter with inbuilt selector switch.				
	INCOMING  1 No. 500 Amp FP Moulded Case Circuit Breaker.				
_	LIGHT POWER & AC PANEL				
	protection and above shall have microprocessor release with adjustable overload, short circuit & earthfault protection.				
	lcs. All the MCCB up to 250 Amp shall have thermal release with adustable overload and short circuit				
	selector switch, indicating lamps, CT's, internal wiring with suitable size wires / cable, interconnection, painting complete as per specification & drawing. All the incomming and outgoing MCCB shall have 25KA				
	including digital ammeter with inbuilt ammeter selector switch, digital voltmeter with inbuilt voltmeter				
	cubicle type totally enclosed free standing type moisture, dust and vermin proof Floor Distribution Panel made out of 2.0 mm thick & front cover 1.6 mm thick CRCA sheet complete with following equipments,				
	MAIN PANEL AND METER BOARD  Design, Manufacturing, Supply, Receiving, Unloading, Shifting, installation, testing & commissioning of				