

BOQ FOR ELECTRICAL WORKS FOR CANARA BANK AT GUNTUR MAIN-II (1ST FLOOR)					
S.NO	DESCRIPTION	UNIT	QTY	Rate	Amount
INTERNAL ELECTRICAL WORKS					
E - 1	Lights Points(Including Circuit Wiring 2x2.5+1.5 Sqmm)				
	Point Wiring for Light/ Fan/ Exhaust fan with 2runs of 650V grade 1.5 Sq.mm FRLS PVC & 1 run of 1.5 Sq.mm PVC insulated Copper wires , run in 25 mm dia heavy gauge PVC conduits concealed in wall / ceiling conforming to IS including all accessories such as junction boxes, conduit bends elbows and ceiling rose, anodised GI Switch box with modular switch and the box covered with front plate.(Point Wiring Include Circuit Wiring From Main Db to SWitch Board with 2x2.5 +1.5 Sqmm Copper fluxible wire etc)				
a	One Light point controlled by one 6A switch.	Nos	16		
b	Two Lights point controlled by one 6A switch.	Nos	20		
c	Exhaust fan point controlled by one switch.	Nos	5		
d	Ups light point (from ups room to strong room ,cash manager and hall)	Nos	13		
e	Ceiling fan point controlled by one switch & Electronic Step type Regulator and Concealed MS fan hook box.	Nos	4		
f	Supply and fixing of 6A, 3Pin Socket outlet switches of 6A rating boards for Wall Mounting Fans and (Dependant				
i	Dependant fans	Nos	5		
ii	Independent Fans	Nos	5		
E - 2	Supply and Wiring with the following size 650V grade FR PVC insulated Copper conductor wires in suitable PVC conduit including end terminations with suitable lugs.				
a	Supply and wiring of UPS Points wiring from UPS Room DB to Individual Work Stations With required all Connections and Suitable PVC Conduites. 2runs of 2.5Sq.mm PVC wires with 1run of 1.5 Sq.mm PVC Conduite for UPS out going Wirings	Rmt	220		
b	2 runs of 6 Sq.mm PVC wires with 1 run of 4 Sq.mm PVC insulated Copper earth wire in PVC in conduit. For A/C Sockets	Rmt	70		
c	2runs of 4.0 Sq.mm PVC wires with 1run of 1.5 Sq.mm PVC wire for GSB from 16A DP MCB on the main board	LS	1		
E - 3	Light / Fan Fixtures				
	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge (All LED Light Fixtures should be covered with minimum 3 Years onsite replacement warranty).on gypsum ceiling no additional rate will be provided for frame or any hardware.				
a	Supplying, fixing, testing and commissioning of FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender document or approved by Bank/Architect.	Nos	25		
b	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter of make As specified in tender document or approved by Bank/Architect.	Nos	37		
c	Supplying, fixing, testing and commissioning of 1X18/40 watts 4ft. Length T5 Batten LED light fixture Wall/ Ceiling mounted (Philips, havells)	Nos	7		
d	Supply, installation, testing, and commissioning of 15W energy-efficient LED sensor-based light fittings, ceiling-mounted type, complete with built-in motion (PIR/microwave) and ambient light sensors for automatic operation. The fixture shall be made of powder-coated aluminum or polycarbonate housing with a high-quality diffuser for glare-free illumination. The sensor should enable auto ON/OFF based on occupancy and ambient lux levels to ensure energy savings. Luminaires shall operate on 230V AC, 50Hz power supply, and include all accessories such as fixing clamps, mounting hardware, and internal wiring connections as required. (for toilet area) (Philips, Havells)	Nos	6		
E - 4	Ceiling Fans				
	Supply & Fixing of 1200 mm sweep Crompton Make High Speed Ceiling fan with standard down rod, all accessories Electrical connections. Including fixing materials required.	Nos	4		
E - 5	Wall Mounted Fans				
	Supply & Fixing of 400 mm sweep Wall mounted fan with 3 pin Plug on the lead wire of each fan all accessories Electrical connections. Including fixing materials required.	Nos	10		
E - 6	Exhaust Fans				
	Supply, fixing and commissioning of Fresh air exhaust fan of Heavy duty size (12"), Metallic body plastic blades, wire mesh, etc. including cost and conveyance of all materials, taxes and all labor charges etc., complete for eraction. Make: Crompton/Havells/bajaj.	Nos	5		
1	SUPPLY FABRICATION AND INSTALLATION OF MAIN PANEL BOARD				
	Supply installation testing and commissioning of wall/floor mounting type, dust and vermin proof main distribution board panel fabricated of 18swg (powder coated) comprising of busbar (RYB + N) copper 150 amp each. Earth bus bar 25x 5 mm GI strip-2Nos (At the bottom), Digital Panel meter - 3phase VAF + PF Meter (l&T/Legrand), R,Y,B Phase indicating Lamps including DANGER sign and necessary precautions Incoming: 1No 160A 4P MCCB, 25kA. Outgoings: 2No 63A 4P RCCB (AC DB) 2 No 63A 4P MCB, 10kA (AC DB) 2No 63A 4P RCCB (L&P DB) 2No 63A 4P MCB, 10kA (L&P DB) 1No 16A SP MCB (GSB) 2No 16A SP MCB (Outside Lighting) 1No 63A 4P MCB (UPS)				
a		Nos	1		
b	Supply installation testing and commissioning of 160A Kit kats fuse unit 3 nos in wooden patra complete with 160Amp. Neutral link complete in all respect as required.	Nos	1		
c	Supply installation testing and commissioning of 12 way SPN DB (Double door) with 2 No's 63 Amps 4P isolator, fixed/ recessed in the wall at entrance of branch premises with all other terminations required etc. (For Master Control of AC DB & LDB at Branch Entrance)	Nos	1		

d	Supply installation testing and commissioning of 4 way TPN PPI DB (for Lighting & Raw Power DB) Incomer: 63A 4P MCB C-Curve Outgoings: 3 x (4 No.s, 10-16A, SP, MCBs C-Curve)	Nos	1		
e	Supply installation testing and commissioning of 8 way SPN DB (for AC DB) Incomer: 63A 4P MCB C-Curve Outgoing: 2 No.s 16A SP, MCB's C-Curve 2 No.s 32A SP, MCB's C-Curve	Nos	1		
f	Supply, installation, testing and commissioning of 12 way SPN DB (Double door) with 63A DP MCB as incomer 8Nos. 10A/16A SPMCBs as outgoings.(UPS DB) LEGRAND / HAVELS	Nos.	1		
h	Supply and fixing of 63A, DP MCB-1No. with encloser for UPS Incoming	Nos	1		
i	Supply, installation, testing, and commissioning of a digital timer switch set suitable for automatic switching of glow sign boards as per pre-set ON/OFF schedules. The timer shall be programmable for daily or weekly cycles, with minimum 16 ON/OFF settings, manual override, and battery backup for memory retention. The timer should be DIN rail mountable and capable of handling a minimum resistive load of 16A at 230V AC. The set shall include all accessories such as contactor (if required), enclosure box (IP rated), MCB for protection, internal wiring, termination, and complete mounting as per site requirement.	Nos	1		
E-7	ARMOURED CABLES for Main Panel, DB Inputs Supply, Laying, Testing and commissioning of 1.1 KV grade XLPE insulated armoured aluminium/copper conductor cable of the following size including laying in trenches, cable trays, on wall including claming and including civil works etc complete as per IS 7098 - Part 1 - 1983. The scope of work includes supply & laying of 2 runs of 8 SWG GI wire along with the cable with end to end terminations				
a	4C X 50 SQMM CU CABLE	Rmt	50		
b	4C X 35 SQMM CU CABLE	Rmt	50		
c	4C X 16 SQMM CU CABLE	Rmt	35		
d	2C X 16 SQMM CU CABLE	Rmt	40		
	TERMINATIONS				
a	4C X 50 SQMM CU CABLE	Nos	2		
b	4C X 35 SQMM CU CABLE	Nos	6		
c	4C X 16 SQMM CU CABLE	Nos	6		
d	2C X 16 SQMM CU CABLE	Nos	4		
E - 7	Raw power Wiring and Sockets: Supply and wiring of Raw Power Points from L&P DB to Individual Work Stations With required all Connections with 2runs of 2.5Sq.mm PVC wires with 1run of 1.5 Sq.mm including PVC Conduits also Supply and fixing of 1Nos 6A sockets with 1 Nos 6A switch of modular type with front plate and anodised GI box complete as required for branch				
a	Primary circuit Wiring from DB to Workstation power point	Nos	10		
b	Secondary circuit Looping from above workstation power point to other	Nos	9		
E - 8	Supply and wiring of Raw Power Points from L&P DB to Cashier cabin, manager cabin With required all Connections with 2runs of 2.5Sq.mm PVC wires with 1run of 1.5 Sq.mm including PVC Conduits also Supply and fixing of 1Nos 16A sockets with 1 Nos 16A switch of modular type with front plate and anodised GI box complete as required for branch				
a	Primary circuit Wiring from DB to power point	Nos	3		
b	Secondary circuit Looping from above power point to other	Nos	1		
E - 9	UPS Wiring and Switch/Sockets: Supply and wiring of UPS Points from UPS Room DB to Individual Work Stations, Manager, cashier desks, CCTV, LAN etc., With required all Connections with 2runs of 2.5Sq.mm PVC wires with 1run of 1.5 Sq.mm including PVC Conduits for UPS out going Wirings and also Supply and fixing of 3 Nos 6A sockets with 1Nos 16A switch of modular type with front plate and anodised GI box complete as required for UPS Sockets.				
a	Primary circuit Wiring from DB to workstation/cashier/manager power point	Nos	10		
b	Secondary circuit Wiring from DB to workstation/cashier/manager power point	Nos	9		
E - 10	Supply installation testing and commissioning of 2x4Sqmm+2.5Sqmm Copper Flexible Wire From AC DB to Split AC Units Legrand Make with 25A Metal Clad Socket, 25A DP MCB set(with Metal Clad Socket+Wiring From DB to AC Box to Stabilizer to AC Units)	No	3		
E - 11	Supply installation testing and commissioning of 2x4Sqmm+2.5Sqmm Copper Flexible Wire From AC DB to Cassette AC Units Legrand Make with 32A Metal Clad Socket, 32A DP MCB set(with Metal Clad Socket+Wiring From DB to AC Box to AC Units)	No	2		
E - 12	Supply and erecting of approved make telephone RJ 11Jack for telephone with 2 pair .5mm Thick Telephone cable including pvc conduite with required all materials (RJ-11 Jack+ 2 pair Cable)	Nos	2		
E - 13	Supply and Laying of 10 pair .5mm Thick Telephone cable including pvc conduite with required all materials From Outside to Rack locations	Nos	2		
E - 14	Supply, fixing And Installation of 30pair Crone Connector box of Metal body with lock and key system 30 Pair Crone connectors all connections is required As per the site condition.	Nos	1		
E - 15	Earthing				
a	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copperbonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod- toConductor 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 and photographs at the time of laying).	No	1		
b	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 and photographs at the time of laying).	No	1		

c	Supply and laying of 8 SWG Copper wire strips including including all necessary inter connections with earth station and equipments.	Rmt	150		
E-15	Supply and mounting of standard Danger sign board, SLD on the Main Panel and safety instruction boards displaying Do's and Don'ts specifically for UPS Room safety, made of durable and weather-resistant material (vinyl/acrylic/ACP), and SLD with clear and legible font and color coding as per safety norms. Boards shall be wall-mounted at appropriate visible locations within the UPS room using suitable fixing hardware and adhesives, complete as required.	Set	1		
E-16	Supply and laying of electrical-grade rubber insulation mat conforming to IS 15652:2006, suitable for use in front of LT panels, UPS systems, and electrical installations to ensure operator safety. The mat shall be anti-skid, fire-retardant, moisture-resistant, and capable of withstanding a working voltage of up to 11kV (Class A or B as per requirement). The mat should be 2mm to 3mm thick, with a ribbed/chequered surface finish, cut and laid neatly in UPS room and Main panel trimmed to required lengths and fixed with adhesives/tapes if required, complete as directed.	Nos	2		
E-17	Supply, installation, testing, and commissioning of 1 set of LED indication lamps (Red, Yellow, Blue) suitable for 415V, 3-phase AC supply, for phase availability indication. Each lamp shall be panel or surface mounted, rated for direct 415V AC operation, and constructed with high-brightness long-life LEDs enclosed in robust polycarbonate lenses. The set shall be installed in a suitable IP-rated enclosure (PVC/metal) at the Bank entrance complete with internal wiring, termination, labeling, and fixing accessories as required.	Nos	1		
E-17	Preparation, drafting, and submission of As-Built Single Line Diagram (SLD) of the entire electrical system, accurately reflecting the final executed installation on site. The diagram shall include all incoming and outgoing feeders, main panels, distribution boards, sub-circuits, cable sizes, protection devices (MCB/MCCB/ELCB/RCCB), earthing details, metering arrangements, and load distribution. The SLD shall be prepared in AutoCAD format, printed on A3/A1 sheets (as required), laminated, to be placed inside UPS room and submitted in both soft and hard copies, with revisions based on final installation and markups provided by the site engineer.	Job	1		
TOTAL AMOUNT FOR ELECTRICAL WORKS Rs :					
N COMPUTER NETWORKING					
N-1	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 termination at both ends including providing & fixing frame for Cat-6 with shutter.	Mts	140		
	Providing and fixing of RJ 45 outlet, Dual faceplate and mounting box complete of modular type to be of Dual socket plate which counts as one point in Dual plate, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	24		
N-2	Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	1		
N-3	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	1		
N-4	Supplying and fixing Patch Cord-2 Meter- (DBPSMounting Cord)	Nos.	24		
N-5	Supplying and fixing Patch Cord-1 Meter-	Nos.	24		
TOTAL AMOUNT FOR NETWORKING WORKS Rs :					
TOTAL AMOUNT OF ELECTRICAL AND NETWORKING FOR 1ST FLOOR					

BOQ FOR ELECTRICAL WORKS FOR CANARA BANK AT GUNTUR MAIN-II (2ND FLOOR)

S.NO	DESCRIPTION	UNIT	QTY	Rate	Amount
INTERNAL ELECTRICAL WORKS					
E - 1	Lights Points(Including Circuit Wiring 2x2.5+1.5 Sqmm)				
	Point Wiring for Light/ Fan/ Exhaust fan with 2runs of 650V grade 1.5 Sq.mm FRLS PVC & 1 run of 1.5 Sq.mm PVC insulated Copper wires , run in 25 mm dia heavy gauge PVC conduits concealed in wall / ceiling conforming to IS including all accessories such as junction boxes, conduit bends elbows and ceiling rose, anodised GI Switch box with modular switch and the box covered with front plate. (Point Wiring Include Circuit Wiring From Main Db to SWitch Board with 2x2.5 +1.5 Sqmm Copper fluxible wire etc)				
a	One Light point controlled by one 6A switch.	Nos	16		
b	Two Lights point controlled by one 6A switch.	Nos	20		
c	Exhaust fan point controlled by one switch.	Nos	3		
d	Ups light point (from ups room to strong room ,cash manager and hall)	Nos	15		
e	Ceiling fan point controlled by one switch & Electronic Step type Regulator and Concealed MS fan hook box.	Nos	2		
f	Supply and fixing of 6A, 3Pin Socket outlet switches of 6A rating boards for Wall Mounting Fans and (Dependant				
i	Dependant fans	Nos	6		
ii	Independent Fans	Nos	5		
E - 2	Supply and Wiring with the following size 650V grade FR PVC insulated Copper conductor wires in suitable PVC conduit including end terminations with suitable lugs.				
a	Supply and wiring of UPS Points wiring from UPS Room DB to Individual Work Stations With required all Connections and Suitable PVC Conduites. 2runs of 2.5Sq.mm PVC wires with 1run of 1.5 Sq.mm PVC Conduite for UPS out going Wirings	Rmt	300		
b	2 runs of 6 Sq.mm PVC wires with 1 run of 4 Sq.mm PVC insulated Copper earth wire in PVC in conduit. For A/C Sockets	Rmt	85		
E - 3	Light / Fan Fixtures				
	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge (All LED Light Fixtures should be covered with minimum 3 Years onsite replacement warranty).on gypsum ceiling no additional rate will be provided for frame or any hardware.				
a	Supplying, fixing, testing and commissioning of FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender document or approved by Bank/Architect.	Nos	28		
b	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter of make	Nos	34		

	As specified in tender document or approved by				
c	Supplying, fixing, testing and commissioning of 1X18/40 watts 4ft. Length T5 Batten LED light fixture Wall/ Ceiling mounted (Philips, havells)	Nos	3		
d	Supply, installation, testing, and commissioning of 15W energy-efficient LED sensor-based light fittings, ceiling-mounted type, complete with built-in motion (PIR/microwave) and ambient light sensors for automatic operation. The fixture shall be made of powder-coated aluminum or polycarbonate housing with a high-quality diffuser for glare-free illumination. The sensor should enable auto ON/OFF based on occupancy and ambient lux levels to ensure energy savings. Luminaires shall operate on 230V AC, 50Hz power supply, and include all accessories such as fixing clamps, mounting hardware, and internal wiring connections as required. (for toilet area) (Philips, Havells)	Nos	6		
E - 4	Ceiling Fans				
	Supply & Fixing of 1200 mm sweep Crompton Make High Speed Ceiling fan with standard down rod, all accessories Electrical connections. Including fixing materials required.	Nos	2		
E - 5	Wall Mounted Fans				
	Supply & Fixing of 400 mm sweep Wall mounted fan with 3 pin Plug on the lead wire of each fan all accessories Electrical connections. Including fixing materials required.	Nos	11		
E - 6	Exhaust Fans				
	Supply, fixing and commissioning of Fresh air exhaust fan of Heavy duty size (12"), Metallic body plastic blades, wire mesh, etc. including cost and conveyance of all materials, taxes and all labor charges etc., complete for erection. Make: Crompton/Havells/bajaj.	Nos	3		
1	SUPPLY AND INSTALLATION OF FOLLOWING DB'S				
a	Supply installation testing and commissioning of 12 way SPN DB (Double door) with 2 No's 63 Amps 4P isolator, fixed/ recessed in the wall at entrance of branch premises with all other terminations required etc. (For Master Control of AC DB & LDB at Branch Entrance)	Nos	1		
b	Supply installation testing and commissioning of 4 way TPN PPI DB (for Lighting & Raw Power DB) Incomer: 63A 4P MCB C-Curve Outgoings: 3 x (4 No.s, 10-16A, SP, MCBs C-Curve)	Nos	1		
c	Supply installation testing and commissioning of 4 way VTPN DB (for AC DB) Incomer: 100A 4P MCCB C-Curve Outgoing: 3 No.s 32A TP, MCB's C-Curve	Nos	1		
d	Supply, installation, testing and commissioning of 12 way SPN DB (Double door) with 63A DP MCB as incomer 8 Nos. 10A/16A SP MCBs as outgoing. (UPS DB) LEGRAND / HAVELS	Nos.	1		
E-7	ARMOURED CABLES for Main Panel, DB Inputs Supply, Laying, Testing and commissioning of 1.1 KV grade XLPE insulated armoured alluminium/copper conductor cable of the following size including laying in trenches, cable trays, on wall including claming and including civil works etc complete as per IS 7098 - Part 1 - 1983. The scope of work includes supply & laying of 2 runs of 8 SWG GI wire along with the cable with end to end terminations				
a	4C X 35 SQMM CU CABLE	Rmt	60		
b	4C X 16 SQMM CU CABLE	Rmt	30		
c	2C X 16 SQMM CU CABLE	Rmt	20		
	TERMINATIONS				
a	4C X 35 SQMM CU CABLE	Nos	4		
b	4C X 16 SQMM CU CABLE	Nos	6		
c	2C X 16 SQMM CU CABLE	Nos	4		
E - 7	Raw power Wiring and Sockets: Supply and wiring of Raw Power Points from L&P DB to Individual Work Stations With required all Connections with 2runs of 2.5Sq.mm PVC wires with 1run of 1.5 Sq.mm including PVC Conduits also Supply and fixing of 1Nos 6A sockets with 1 Nos 6A switch of modular type with 'front plate and anodised GI box complete as required for branch				
a	Primary circuit Wiring from DB to Workstation power point	Nos	21		
b	Secondary circuit Looping from above workstation power point to other	Nos	20		
E - 8	Supply and wiring of Raw Power Points from L&P DB to Cashier cabin, manager cabin With required all Connections with 2runs of 2.5Sq.mm PVC wires with 1run of 1.5 Sq.mm including PVC Conduits also Supply and fixing of 1Nos 16A sockets with 1 Nos 16A switch of modular type with 'front plate and anodised GI box complete as required for branch				
a	Primary circuit Wiring from DB to power point	Nos	1		
b	Secondary circuit Looping from above power point to other	Nos	1		
E - 9	UPS Wiring and Switch/Sockets: Supply and wiring of UPS Points from UPS Room DB to Individual Work Stations, Manager, cashier desks, CCTV, LAN etc., With required all Connections with 2runs of 2.5Sq.mm PVC wires with 1run of 1.5 Sq.mm including PVC Conduits for UPS out going Wirings and also Supply and fixing of 3 Nos 6A sockets with 1Nos 16A switch of modular type with 'front plate and anodised GI box complete as required for UPS Sockets.				
a	Primary circuit Wiring from DB to workstation/cashier/manager power point	Nos	21		
b	Secondary circuit Wiring from DB to workstation/cashier/manager power point	Nos	20		
E - 10	Supply installation testing and commissioning of 2x6Sqmm+2.5Sqmm Copper Flexible Wire From AC DB to Cassette AC Units Legrand Make with 40A Metal Clad Socket, 40A TP MCB set(with Metal Clad Socket+Wiring From DB to AC Box to Stabilizer to AC Units)	No	3		
E - 11	Supply and erecting of approved make telephone RJ 11 Jack for telephone with 2 pair .5mm Thick Telephone cable including pvc conduite with required all materials (RJ-11 Jack+ 2 pair Cable)	Nos	2		
E - 12	Supply and Laying of 10 pair .5mm Thick Telephone cable including pvc conduite with required all materials From Outside to Rack locations	Nos	2		
E - 13	Supply, fixing And Installation of 30pair Crone Connector box of Metal body with lock and key system 30 Pair Crone connectors all connections is required As per the site condition.	Nos	1		
E - 14	Earthing				

a	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copperbonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod- toConductor 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 and photographs at the time of laying).	No	1		
b	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 and photographs at the time of laying).	No	1		
c	Supply and laying of 8 SWG Copper wire strips including including all necessary inter connections with earth station and equipments.	Rmt	140		
E-15	Supply and mounting of standard Danger sign board, SLD on the Main Panel and safety instruction boards displaying Do's and Don'ts specifically for UPS Room safety, made of durable and weather-resistant material (vinyl/acrylic/ACP), and SLD with clear and legible font and color coding as per safety norms. Boards shall be wall-mounted at appropriate visible locations within the UPS room using suitable fixing hardware and adhesives, complete as required.	Set	1		
E-16	Supply and laying of electrical-grade rubber insulation mat conforming to IS 15652:2006, suitable for use in front of LT panels, UPS systems, and electrical installations to ensure operator safety. The mat shall be anti-skid, fire-retardant, moisture-resistant, and capable of withstanding a working voltage of up to 11kV (Class A or B as per requirement). The mat should be 2mm to 3mm thick, with a ribbed/chequered surface finish, cut and laid neatly in UPS room and Main panel trimmed to required lengths and fixed with adhesives/tapes if required, complete as directed.	Nos	1		
E-17	Supply, installation, testing, and commissioning of 1 set of LED indication lamps (Red, Yellow, Blue) suitable for 415V, 3-phase AC supply, for phase availability indication. Each lamp shall be panel or surface mounted, rated for direct 415V AC operation, and constructed with high-brightness long-life LEDs enclosed in robust polycarbonate lenses. The set shall be installed in a suitable IP-rated enclosure (PVC/metal) at the Bank entrance complete with internal wiring, termination, labeling, and fixing accessories as required.	Nos	1		
E-17	Preparation, drafting, and submission of As-Built Single Line Diagram (SLD) of the entire electrical system, accurately reflecting the final executed installation on site. The diagram shall include all incoming and outgoing feeders, main panels, distribution boards, sub-circuits, cable sizes, protection devices (MCB/MCCB/ELCB/RCCB), earthing details, metering arrangements, and load distribution. The SLD shall be prepared in AutoCAD format, printed on A3/A1 sheets (as required), laminated, to be placed inside UPS room and submitted in both soft and hard copies, with revisions based on final installation and markups provided by the site engineer.	Job	1		
TOTAL AMOUNT FOR ELECTRICAL WORKS Rs :					
COMPUTER NETWORKING					
N-1	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 termination at both ends including providing & fixing frame for Cat-6 with shutter.	Mts	160		
	Providing and fixing of RJ 45 outlet, Dual faceplate and mounting box complete of modular type to be of Dual socket plate which counts as one point in Dual plate, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	41		
N-2	Supplying and fixing 12 U (Rack with glass door, opening in the front power panel I (horizontal), cable manager 1 lock & key).	Nos.	1		
N-3	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	2		
N-4	Supplying and fixing Patch Cord-2 Meter- (DBPSMounting Cord)	Nos.	41		
N-5	Supplying and fixing Patch Cord-1 Meter-	Nos.	41		
TOTAL AMOUNT FOR NETWORKING WORKS Rs :					
TOTAL AMOUNT OF ELECTRICAL AND NETWORKING FOR 2ND FLOOR					
TOTAL AMOUNT OF ELECTRICAL AND NETWORKING					
DISCOUNT					
GRAND TOTAL AFTER DISCOUNT					
Amount in Rupees:- Rs.					
Sign & Seal of the Contractor : -					
Name & Address of the contractor : -					
Date:					