

**SCHEDULE OF QUANTITIES FOR PROPOSED BRANCH & ATM FOR CANARA BANK AT CHOUTUPPAL
ELECTRICAL WORKS**

**Note: All Light/Ceiling Fan/Wall Mounting/Exhaust Fan/Bell Points Cost
to be Included in Circuit Wiring**

S.No.	Description	Unit	Qty	Rate	Amount
1	Supply and wiring of Light points with Switch, MS Box, Plate and also Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm Copper multi strand flexible pvc insulated cable with all required materials etc.(Rate Including the circuit wiring from Lighting Distribution Board to Switch Board Wiring 2x2.5+1.5Sqmm Wire.)				
	Primary Point	Pts	43		
2	Looping/Secondary Point(Without switch)	Pts	17		
3	Supply and wiring of Bell point with bell Push and Ding Dong Bell with Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm earth wire Copper multi strand flexible pvc insulated wires and 5A Switch cum sockets with Surface/Concealed Box with all required materials etc.	set	1		
4	Supply and wiring of Exhaust Fan points With 2mm Size PVC Conduits 3x1.5Sqmm earth wire Copper multi strand flexible pvc insulated wires and 5A Switch cum sockets with Surface/Concealed Box with all required materials etc.	set	5		
5	Supply and wiring of wall mounting Fan points with 2mm Size PVC conduits 3x1.5Sqmm earth wire Copper multi strand flexible pvc insulated wires and 5A Switch cum sockets with Surface/concealed Box with all required materials etc.	set	12		
6	Supply and wiring of Ceiling Fan points With Electronic Step type Regulators and 2mm Size PVC conduits 3x1.5Sqmm earth wire Copper multi strand flexible pvc insulated wires and 5A Switch cum sockets with Surface/concealed Box with all required materials etc.	set	5		
	Sub Mains and Mains				
7	Supply and wiring of Circuits for Raw power/ Sign Board with Suitable 2mm thick PVC Conduit and 2x2.5 Sqmm +2.5Sqmm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc.	Mts	35		
8	Supply and wiring of Circuits for ACs with Suitable 2mm thick PVC Conduit and 2x4.0 Sqmm +2.5Sqmm earth wire Copper multi strand flexible pvc insulated wires with Supply and fixing of Metal Clad socket and 25/32A SP MCB and all required materials etc. from Main MCB to Metal clad socket and till the indoor / outdoor unit, as per manufacturer specification or as directed by the bank / architect	set	7		
9	Supply and wiring of Circuits for Inputs with Suitable Size 2mm thick PVC Conduit and 4x6.0 Sqmm +4.0Sqmm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc.(LDB/PDB/UPS DBs)	Mts	30		
10	Supply and wiring of Circuits for Input with Suitable size 2mm thick PVC Conduit and 2x6.0 Sqmm +4.0Sqmm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc.(UPS input/output)	Mts	25		

	<u>SWITCH CUM SOCKETS</u>				
11	Supply and fixing of 1No 6A Sockets with 6A Switch control for above Switch Control Boards with suitable Surface/MS Boxes etc. Including Connections	Nos	10		
	<u>Main Panel and Sub DBs(all MCBs 10KA Breaking Capacity)</u>				
12	Supply & Installation, testing and Commissioning of the 8 way Vertical TPN Double door DB with 125A 4Pole, 25KA MCCB-1No as incomer, and Outgoings-63A TP MCBs-2Nos,32A TP MCBs-2 Nos, 63A / 10-32A SP MCBs-12/24 Nos and all required materials etc.(MDS Legrand)	Nos	1		
13	LDB/PDB:Supply & Installation, testing and Commissioning of the 4 way ETPN Double door DB with 63A 4Pole MCB-1No as incomer, and Outgoings- 10/32A SP MCBs-12 Nos and all required materials etc.(MDS Legrand) for Lighting and for AC	Nos	2		
14	UPS OUTPUT DB: Supply & Installation, testing and Commissioning of the 12 way SPN Double door DB with 63/32A 2Pole MCB-1No as incomer, and Outgoings- 10/32A SP MCBs-10 Nos and all required materials etc.(MDS Legrand) For UPS Outgoing and AC	Nos	2		
15	<u>UPS:</u> Supply and fixing of 4 Pole Enclosure with 4 Pole 63A Phase Selector switch with MCB-1No For UPS Input(3 Phase to Single Phase Converter)	Nos	1		
16	<u>UPS DB:</u> Supply and fixing of 2 Pole Enclosure with 2 Pole 32A/ 63A MCB-1No For UPS Output	Nos	4		
	<u>Power Cable</u>				
17	Supply & laying of 3.5Cx 50 Sqmm LT Al armoured cable.	Mtrs	35		
	<u>Cable End Terminations</u>				
18	3.5Cx 50 Sqmm Cable end Terminations.	sets	4		
	LIGHT FITTINGS Supply and fixing of the following light fittings complete with lamp/Tubes. The fixtures shall be installed with supply of all materials such as Teakwood round block, balancing socket, conduit pipe, nipples, check nuts, bolts, nuts, PVC flexible hose, suspension rod/chain clamps/Connection wire from Ceiling Rose to fittings, Exhaust Fan Point all required materials etc.				
19	Supply & Installation of 34W 2X2 Led Light fixtures (Havel's - VENUSNEOHE2X2PLR34WLED8XXS or Equal) including cost and conveyance of all materials, taxes and all labor charges etc., complete.	Nos	20		
20	Supply and Fixing of 15/16/18 watts LED light fitting of approved make with complete accessories.(down light)	Nos	20		
21	Supply and Fixing of 1X18/20 Watts LED approx.4' length tube light fitting of approved make with tube with all required accessories.	Nos	15		
22	Supply and Fixing of 1X 14 / Watts LED approx.2' length tube light fitting of approved make with tube with all required accessories.	Nos	4		
23	Supply & fixing of Heavy Duty Exhaust Fans 12" of approved make with all required material.	Nos	4		
24	Supply and Fixing of 48" High Speed Crompton Ceiling Fan or as per approved make with suitable down rods, Fan Hooks electrical regulator etc.	Nos	5		

25	Supply & fixing of Wall mounted fans (METAL BODY) 400 mm dia. make As specified in tender document or approved by concerned office in charge.	Nos	12		
	UPS Wiring				
26	Supply and wiring of Circuits for UPS power from UPS DB to Individual Tables with Suitable 2mm thick PVC Conduit and 2x2.5 Sqmm +2.5Sqmm earth wire Copper multi strand flexible pvc insulated wires with all required materials along with Supply and fixing of 2No of 6A Switches and 3 No of 6A Sockets .	Pts	11		
27	Supply and wiring of Circuits for UPS power from UPS DB to Individual Tables with Suitable 2mm thick PVC Conduit and 2x2.5 Sqmm +2.5Sqmm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc.(Point to point and table to table Looping points) along with Supply and fixing of 2 No. of 6A Switches and 3 No of 6A Sockets.	Pts	5		
28	Supply and wiring of Circuits for Raw power from RAW Power DB to Individual tables with Suitable 2mm thick PVC Conduit and 2x2.5Sqmm +1.5 Sqmm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc. along with Supply and fixing of 1No of 6A Switch and 1 No of 6A Sockets	Pts	9		
29	Supply and wiring of Circuits for Raw power from RAW Power Table to table Looping Power with Suitable 2mm thick PVC Conduit and 2x2.5Sqmm +1.5 Sqmm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc. along with Supply and fixing of 1No of 6A Switch and 1 No of 6A Sockets	Pts	3		
30	Supply and wiring of Circuits for Raw power from RAW Power DB to Individual tables with Suitable 2mm thick PVC Conduit and 2x4.0Sqmm +2.5 Sqmm earth wire Copper multi strand flexible pvc insulated wires with all required materials etc. along with Supply and fixing of 1No of 16A Switch and 1 No of 16A Sockets .	Pts	5		
	EARTHING				
31	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	1		
32	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	1		
	Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.				
33	25 mm x 3 mm copper strip in B-class GI pipe	Mtrs	35		
34	25 mm x 5 mm GI strip	Mtrs	35		

35	Providing and fixing 2 X 8 SWG dia. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/recess cable as required.	Mts	35		
	Telephone				
36	Supply and fixing of RJ 11 Telephone socket with 2 Pair Telephone Cable From Each Table to EPABX, this include suitable Surface/concealed box and all required materials. This Includes Supply and fixing of Suitable PVC Conduits and Cable Numbers provided.	Sets	4		
37	Supply and Wiring of Telephone Points Wiring with 10 Pair Copper cable and suitable conduits, all required materials etc.to be done if required	Mts	45		
38	Supply and fixing of 20 Pair crown box with connector and all connections etc.	Nos	1		
39	Supplying, installation and commissioning of automatic 24HRS. programmable TIMER of required capacity for sign board with box, all required material, labour complete including input / output all connections with required wiring like from mcb to timer etc, complete for the finished item of work, as directed by bank / architect (MDS/L&T/Other reputed make).	Nos	3		
	LAN CABLING (Cat-6)				
40	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, RJ 45 outlet, faceplate and mounting 2 port I/O box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Pts	15		
41	Supply & fixing of 7 feet factory crimped Patch Cords.	Nos	15		
42	Supply & fixing of 3 feet factory crimped Patch Cords.	Nos	15		
43	Supply & fixing of 24 Port Jack Panel with accessories, with all required material, labour etc complete for the finished item of work	Nos	1		
44	Supply & fixing of 12U Rack with Accessories (Shelf, Power Manager, Cable Manager, Fan etc) with all required material, labour etc complete for the finished item of work	Nos	1		
45	Supply & Installation of rubber mats (Class-A) of 1000 mm x 2000mm & thickness of 10mm: 3.3 KV Voltage grade	Nos	1		
46	Charges towards removal of existing wiring during civil/renovation work and giving temporary connections of light points, UPS, raw and Data supply to counters and cabins using extension boards from existing panel /server using existing old materials. Contractors has to arrange the materials at his own cost if any additional cables, switch boards are required at site for smooth functioning of Branch. cost Includes necessary modification in main panel for master switch & load balancing etc.	LS	1		

47	Installation of RGB indicator set at the entrance of the branch showing the output of LDB, UPS SDB, AC and Raw Power DB with necessary wiring and equipment related	LS	1		
				Total	0
	DISCOUNT				
	GRAND TOTAL AFTER DISCOUNT				
Amount in Rupees:- Rs.					
	Sign & Seal of the Contractor : -				
	Name & Address of the contractor : -				
	Date:				