

TENDER SCHEDULE FOR SPBB CALICUT BRANCH: ELECTRICAL WORKS

No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Note: The Vertical Distribution boards and ETPN boards dismantled with incoming and outgoing MCB/MCCBS) shall be reused to maximum possible extent.				
1	MODULAR SOCKETS:				
a	Supply and fixing of 4nos. 5A ,3 pin plug sockets with 1 no 16A switch fixed on a suitable module metal box and white front plate (Modular type) including all interconnections as required UPS power (Indicator Switch shall be fixed above the table with suitable modular front plate/box and sockets shall be fixed below the counters)	11.00	no		
b	Supply and fixing of 2nos. 5A sockets with 1 no 16A switch fixed on a suitable module metal box and white front plate (Modular type) including all interconnections as required Rawpower (Switch shall be fixed above the table with suitable modular front plate/box and sockets shall be fixed below the counters)(Raw power - 10 nos, UPS - 7 nos)	26.00	no		
c	Supply and fixing of modular RJ11 telephone sockets with suitable mounting box (Modular type) including all interconnections as required (Bm, officers,counter,reception,fo)	10.00	no		

d	Supply and fixing of 3nos. 15A sockets with 1 no 16A switch fixed on a suitable module metal box and white front plate (Modular type) including all interconnections as required UPS power(for the SERVER room)socket for the hub must be fixed as per the location of HUB inside the server room	1.00	no		
e	Supply and fixing of 1nos. 15A socket with 16A switch fixed on a 3 module metal box and white front plate (Modular type) including all interconnections as required	3.00	no		
f	Supply and fixing of 1nos. 15A socket fixed on a 3 module metal box and white front plate (Modular type) including all interconnections as required for safe room,record room,locker room	5.00	no		
g	Providing 2 meter length of flexible 3core 2.5sqmm multi core copper cable one end connected to plug top 15A and the other connected to the SB inside and a suitable hook arrangement as required for hanging the cable	5.00	no		
2	<u>LIGHT & FAN POINT WIRING</u>				
a	Point wiring with 1.5sqmm 650V grade multistranded PVC insulated copper wire FRLS type in MS/PVC PIPE for lights, fans including supply & fixing of 5 amp modular switch in concealed MS switch box,front plate, 3 plate ceiling rose/Angle holder in suitable block having provision for concealed circuit wiring with 3 Nos (P,N,E) 2.5sqmm. and all interconnections as required.	2	pts		
b	same as the above with two light points controlled by single switch	5.00	pts		

c	Supply and fixing of flush type 6A, 5 pin combined switch socket outlet in the Lighting control switch boards including interconnections complete as required.(dependent)	6.00	nos		
d	supply and fixing of 6A modular socket 3" below the false ceiling and 6A switch in the switchboard as required for wall mounted fans	6.00	nos		
e	Same as item 2a but for call bell points including providing new buzzer for the Branch Manager cabin as required	1.00	nos		
f	Supply and installation of 25 A Modular type 3 pin plug socket with suitable metallic box for air conditioners	1.00	nos		
g	Supply and installation of 25A modular type DP switch (2 module with indicator) with suitable metallic /PVC box for the local control of the air conditioners.	1.00	nos		
3	<u>UPS, RAW POWER & TEL WIRING:</u>				
a	Supply and wiring with 3runs of 2.5 sq.mm 1100 V grade PVC insulated multi strand copper conductor wires FRLS conforming to IS 694 (with latest amendments) in suitable size PVC CONDUIT of 2mm thick concealed in the above ducts in the floor and supply of all fixing materials and accessories,	500.00	mtr		

	interconnections complete as required for the UPS power sockets in the single window counters and officer tables. (UPS ,Raw power points over counter,16A plug points, cash officer, signage boards)				
b	Wiring for the wall mounting fans from the nearest switch board with 1.5sqmm 650V grade multistranded PVC insulated copper wire FRLS in MS/PVC PIPE and all interconnections as required i.	80.00	mtr		
c	Cutting the floor to the required depth 2" and width 6" for burying the conduits for the UPS/raw power socket wiring and plastering the floor surface.	50.00	mtr		
d	Supplying and laying 2 pair telephone wire 0.50Sqmm in Modi make PVC /casing capping / pipe of 20/25 mm dia for the telephone points as per the layout.	250.00	mtr		
e	Supply and laying of 20/25mm ISI marked PVC conduit with one run of 16 SWG GI wire from the location of hub to computer nodes and as may be required for PA systems	50.00	mtr		
f	Chipping the wall for laying the PVC pipes ,re plastering and bringing back it to original finish for concealing the existing vertical drops/switch boards	50.00	mtr		
4	<u>DISTRIBUTION BOARDS</u>				

	Supply and installation of following size MCB distribution boards with following combination of MCBs as required				
a	3 phase 4 way VTPN DB Incomer: 63FP RCCBO +100mA & outgoing :40A TP MCB - 4 nos (PDB,AC1,AC2, spare) for Non Essential DB	1.00	nos		
b	Supply and fixing of 63A FP MCCB,25KA on a suitable metal box with suitable termination facility for 3.5C x 35 Sqmm Al Armoured cable for switching off and on the non essential loads after the office hours including all interconnections as required .(Legrand/Siemens/L&T)	1.00	no		
5	<u>SUB-MAIN & AC WIRING</u>				
a	Supply, laying and dressing of the following size of 1.1 KV grade PVC insulated armoured cable with aluminium conductor concealed or clamped on wall/ceiling/trench/cable tray / clamps if necessary for 4 core 16 Sq.mm AYFY etc as required. (for replaced AC, existing LDB cum PDB)	60.00	mtr		
b	Supply, laying and dressing of the following size of 1.1 KV grade PVC insulated armoured cable with aluminium conductor concealed or clamped on wall/ceiling/trench/cable tray / clamps if necessary for 3.5 core 35 Sq.mm AYFY etc as required. (From Main panel to master switch	60.00	mtr		

	and from master switch to Non essential DB)				
c	Termination of the above cables 35 sqmm as required with suitable glands and lugs	4.00	nos		
d	Termination of the above cables 16 sqmm as required with suitable glands and lugs	5.00	no		
6	<u>FIXTURES/FANS</u>				
a	Dismantling & re-installation of Direct/Indirect recess mounted luminaire ,Philips fixture (OR) Equivalent models in other approved makes Catloug - RC 380B LED 31 S - 6500 PSE - WH (including fixing frame if any required)with all inter connections and fixing arrangement as required. For BM-1,CO-1Banking hall - .	17.00	nos		
b	Dismantling and re-installation of 1X15W down lighter fixtures recess mounted type, Philips DN 192 B LED 12(9) s 6500 PSU - WH or equivalent with all interconnections and fixing arrangement as required(BM-1,counter -4,ante room-1)	11.00	nos		
c	Supply and Installation of 4ft LED tube fitting with LED lamp 20W with all interconnections and fixing arrangement as required	13.00	nos		
d	Supply and installation of lamp holder type with 6W LED lamp all interconnections in other approved makes with all inter connections	4.00	Nos.		

	and fixing arrangement as required.(Toilets)				
e	Supply & installation of new Ceiling fan of CG make 48" with new Anchor faster hooks , bolts and adequate length of fan rods upto 1mtr for Record room	2.00	Nos.		
f	Supply and installation of 100w 4/5 step type electronic fan regulator in the modular switch boards as required	0.00	Nos.		
g	Supply and fixing of heavy duty exhaust fan of 12" of Almonard / CG as required(UPS-2)	2.00	Nos.		
h	Supply and fixing of exhaust fan of 12" of Almonard / CG as required(UPS-2)	2.00	Nos.		
i	Supply & installation of Metal body wall fan with metal blade with all required accessories model Havells V3 wall fan or equivalent	6.00	Nos.		
7	Providing Standard Copper Plate Earth Station with 600 X 600 X 3.15mm thick copper plate including construction of brick pedestal, providing meshed funnel, CI cover completely as per IS 3043-1987	1.00	nos		
8	Providing Standard GI pipe Earth Station including construction of brick pedestal, providing meshed funnel, CI cover completely as per IS 3043-1987 or latest revision including suitable copper strip to be fixed in the UPS room for distribution.(OB betterman-1,DB-1)	1.00	nos		

9	Supply, laying and giving termination using bare 10 SWG Cu Wire in 20mm dia rigid pvc conduit for DB earthing from the existing earth pits .	50.00	mtr		
10	Supply, laying and giving termination for 25mmx3mm CU flat earth bench	1.00	nos		
11	Supply,Installation and commissioning of 5 nos of ceiling speakers (Ahuja,Philips) with matching transformer and wired with twisted pair cu cables 2Cx1 Sqmm wire through PVC pipe and terminating the connection in BM cabin complete with all accessories as required	1.00	Ls		
12	Supply and fixing of Legrand/protonics/L&T make timer for controlling the board light circuits and exhaust fan	1.00	nos		
13	Supply and fixing of 10A single pole + 30ma ELCB for earth leakage protection of sign board light circuit	1.00	nos		
14	Supply and laying of LED strip light with one driver unit per 5 meter (blue color) pasted over the Aluminim Channel fixed to the counter Crompton/Panasonic/Wipro make	30.00	mtr		
15	Charges for the preparation of single line diagram of the whole electrical installation using auto cad ,laminating and displaying it in the UPS/Electrical room	1.00	LS		

16	Dismantling of existing light fixtures,old DB,Panel, fans of the old branch and handing over to Bank authorities	1.00	LS		
17	Supply of LT caution boards	3.00	nos		
18	Supply and laying of electrical grade rubber mat at UPS room	35.00	sqft		
19	Supply of Rubber Hand Gloves	1.00	nos		
20	Supply, Installation and commissioning of TV antenna socket(RG-6) modular type factory made MS box with suitable modular plate and base plate including all accessories and interconnections after testing	1.00	no		
21	Supply,laying of Copper Coaxial TV cable through PVC conduit of size 20mm and ISI markwith all accessories	20.00	mtr		
22	Preparation of Physical layout for earth pits and display the same inside the UPS room	1.00	Ls		
23	Total Value of works				
24	GST component @ 18%				

25	Grand Total Value				
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Contractor's Seal & Signature