

**Detailed Estimate / Schedule Of Quantity of Electrical work of UCO BANK GAGAHA BRANCH .**

Sl. No.	Item's of Work	Qty.	Unit.	Rate.	Amount (Rs.)
1.	Supplying and fixing recessed mounting fittings with suitable for 36watt LED 600x600 Square fitting with PDC Aluminium die cast housing with Poly Corbonet diffuser, in built electrical protection like over voltage, short circuit, over loading, mis wiring for additional safety precaution rated light 50000 hours, ( Guaranteed for above LED light is three months from period of installation) make GE Model No. Maple Cat No. CGRO 36,56 MI or Philips make Model No. RC 380 LED 30, 6500 PSEODWH, (All complete with Lamps)	12.0	No.		
2.	Supplying and fixing recessed mounting fittings with suitable for 24watt LED 155x155Square LED down Light fitting with PDC Aluminium diecast housing with Poly Corbonet diffuser, in built electrical protection like over voltage, short circuit, over loading, mis wiring for additional safety precaution rated light 50000 hours, ( Guaranteed for above LED light is three months from period of installation) make GE Model No. Fennel Cat No.GDRO 24 square,56 SO or Philips make equivalent to GE, (All complete with Lamps ).	15.0	No.		
3.	S/F A.C. Box with 25 Amp SP MCB for UPS input & output, AC. concealed in walls.) including wiring 2x 6 Sqmm + 1x1.5mm multi standard wire in suitable size PVC conduit for AC & UPS.	6.0	No.		
4.	Making point wring for light & fan by 2x1.5Sqmm + 1x 1Sqmm FR PVC Multi standard wire in suitable PVC conduit.				
a)	Single point controlled by single switch including wiring 2 x 2.5 Sqmm + 1 x 1Sqmm for light / fan.	68.0	No.		
b)	plug point on switch board	8.0	No.		
5.	Supply and fixing 15Amp switch and socket along with MS board, cover plate, etc. including wiring 2 x 2.5 Sqmm + 1 x 1Sqmm for light / fan.	6.0	No.		
6.	Supply and fixing 5 Amp switch and socket along with	8.0	No.		

	MS board, cover plate, etc including wiring				
7.	Wiring point for computer 5 Amp switch 3 Nos and 5 Amp socket 3 Nos along with 3x1.5 Sqmm multi standard wire in suitable size PVC conduit complete all in all respect. Each point MCB controlled.	10.0	No.		
8.	Supply and fixing Ceiling fan including Fan Regulator testing as per drawing. Make-Crompton & Anchor	6.0	No.		
9.	Supply and fixing cabin fan/ Wall Fan for cash counter.	6.0	No.		
10a)	Supply and fixing 12 way double door MCB DB with 63 Amp DP MCB and 10 Nos SP MCB for light / fan	3.0	No.		
	b) Same as above but 8 way for UPS	3.0	No.		
	c) 4Way SPN DB with MCB	1.0	No.		
11	Wiring point for Telephone/Fax /Intercom with 1 <sup>st</sup> swin single core copper wire placed According to drawing with complete fitting with top & socket placed according to Drawing.	2.0	No.		
12	Supply and lying PVC sheathed & pvc insulated armourd Al cable 50 Sqmm x 3.5 core along with 1 No 8 SWG GI wire on wall / ceiling by saddle at suitable interval termination of cable at both end by proper socket main pole to BO electrical panel.(If necessary then supply the above cable otherwise not supply)	30.0	Rmt.		
13	Same as above but 10 Sqmm x 4 core for DG Set.	25.0	Rmt.		
14a)	Same as above but 2 x4Sqmm for copper earthing (earth station to UPS room).	10.0	Rmt.		
	Earthing 600x600x3mm copper plate earthing stations with earthing resistanc less than 2 Ohm including watering, PVC/G.I. Pipe with funnel, excavation till 8'-0" deep or as instructed by the Architect , back filling with compaction, 2Nos. copper flats 25mm x 3mm conn. Earthing copper wire in PVC conduit pipe from Earthing pit to UPS.(if old earthing is working then not necessary to do the new earthing)	2.0	No.		
	Same as above but 600 x 600 x 6mm GI plate with 8 SWG GI wire earth station to main panal.	1.0	No.		

	A – Supplying and drawing lan cable cat - 5 d-link or eqv make by 19mm pvc pipe fully concealed.	210.0	Rmt		
15	B- termination of lan cable in one end with RJ 45 computer jack of MK,Roma or Crab- tree make in suitable enclosures.	8.0	No.		
16	C- termination of land cable in other end with RJ 45 socket.	8.0	No.		
17	D- Supply & Fixing of 9 U Rack for Switch & other item.	N/A			
18	Supply and fixing electronic patty type fitting along with 36Watt tube.	6.0	No.		
19	Supply, fabrication and installations of new panel board made by 16guage CRC sheet 410 volt 3 phase comprising of fowling including termination of the incoming and outgoing line by proper socket interconnection natural link and painting incoming 100 Amp TPN MCCB. (a) 63 Amp changer 4 pole –01 (b) 32 Amp DP MCB –12 No © 63 Amp DP MCB – 02 No (d) 100 amp copper busbar –02 No (e) Amp meter, Voltmeter, Fuse, CT Coil etc. (f) 100 Amp MCCB 35 K 4POLE – 01 No	1.0	No.		
20	S/F 100 Amp cutout for main panel.	3.0	No.		
21	Supply and fixing of Exhaust Fan 300mm heavy duty make Crompton.	2.0	No.		
22	Supply and fixing 32Amp Changeover 2pole	1.0	No.		
23	Supply and fixing Cash Cabin CFL 23Watt	2.0	No.		
24	Supply and fixing LED Bulb 7Watt, 9 watt & 12 watt	4.0	No.		
25				<b>Total</b>	

Say Rs.

(Rs..... Only)

**For:- BHARAT & ASSOCIATES**

**SPECIFICATIONS OF ELECTRICAL MATERIALS**

<i>S.No.</i>	<i>Item</i>	<i>Make/ Specifications</i>
1.	FITTING	Philips & GE
2.	WIRE	Anchor, Havells, Finolex
3.	SWITCHES	Roma, M.K., Crabe Tee-Havells
4.	MCCB	Havells , L&T
5.	MCB DB	Havells, L&T
6.	Main Switch	HPL, L&T,
7.	Changeover	Havells , L&T,
8.	PVC Pipe	AKG, Plaza. 2mm thick
9.	Wall Fan	Crompton, Havells
10.	Ceiling Fan	Crompton, Havells
11.	Exhaust fan	Usha; Khaitan, Crompton.
12.	Cable	Gloster, Havells, National, Railisons.
13.	Telephone Wire	Delton, Anchor.
14.	Cat- 6 Cable	D - Link
15.	IO - Box	D - Link
16.	MCB	Havells, L&T
17.	CFL	Philips (Only)
18.	MS Pipe	AKG, MK,

Bharat & Associates