

**PROJECT: SANGAMNER BRANCH , DIST.
AHAMEDNAGAR ,BANK OF MAHARASHTRA
CLIENT: BANK OF MAHARASHTRA
SITE :SANGAMNER BRANCH**

BOQ OF ELECTRICAL AND ACCESSORIES- details specification as per Bank décor annexure VI C will supesede to all .

Sr.No.	Particulars	Unit	Qty	Rate	Amount
	1. WIRING				
1	Supply & erection of point wiring of Light / Fan / Bell / Exuast Fan / Plug Socket 5A with 2-1.5 Sqmm copper stranded PVC wire 1.1 kV grade in P.V.C. Conduit concealed in wall / ceiling with accessories C. Rose & 5A Switch ALL including provision for inverter wiring and controls.				
a	Light Points(Primary Point).	NOS.	50		
b	Light Points(Secondary Point).	NOS.	15		
c	Ceilling Fan Points with Fan Step Regulator	NOS.	13		
d	Exuast Fan Points Plug Socket	NOS.	4		
e	W. Fan Points with socket	NOS.	6		
f	Bell Point with bell Push in lieu of 6A Switch with Ding dong bell	NOS.	3		
g	5 Pin Plug Socket 1 nos with 5A Switch 1nos pelts&metal box with 1.5 Sqmm PVC wire for Earthing for Token Indicator.(cash counter)	NOS.	6		
h	Half point 3 Pin Plug Socket with 5A Switch with 1.5 Sqmm PVC wire for Earthing on switch board for Light / Fan. bord	NOS.	12		
i	providing amd fixing Speaker	NOS.	6		
	A Internal sub men (Lighting & UPS Board Supply)				
2	Supply & Erection of mains wiring with 2-2.5 Sqmm Copper PVC Wire with 1-1.5 Sqmm Copper PVC Wire for Earthing concealed in PVC Conduit complete with accessories (for Lighting Switch Board& u p s supply switch bord)	MTRS	455		
3	Supply & Erection of mains wiring with 2-4 Sqmm Copper PVC Wire with 1-2.5 Sqmm Copper PVC Wire for Earthing concealed in PVC Conduit complete with accessories (for General Power Point & A/C point)	MTRS	260		
4	Supply & Erection of mains wiring with 2-6 Sqmm Copper PVC Wire 1.1 kV grade with 1-2.5 Sqmm Copper PVC Wire for Earthing concealed in PVC Conduit complete with accessories (for UPS main l/c. supply to Provided D.P. MCB)	MTRS	85		
5	Supply & Erection of siren wiring with 2 core 14 x 36 PVC Flexible shielded tinned coated copper wire concealed in PVC Conduit complete with accessories for provided Instruments.(it is nessesory to take additional spcial approval of sirun consultant app	MTRS	100		
6	Supply & Fitting of Modular type 3 Nos. of 5Pin Plug Socket & 1nos 16 AMP Switch for computer with 2Nos. of 5 Pin Plug Socket & 2 Nos. of 6A Switch mounted on modular plate and box with 1.5/2.5 Sqmm PVC wire for Earthing on separate board.(for ROW power tow board separates , 6 amp swithch and 6amp socket , 1.5 sqmm maion wire included) near computer board .	NOS.	21		
7	Supply & Erection of Modular type 20 A, with DP Pin Plug socket with 16A flush type modular tow pole switch with indicator & safety shutter erected PVC/M.S. Box fixed with brass screws.(A/C point)	NOS.	8		
	2. FITTINGS				

8	6" DIA/ 6"x 6" LED,Downlight flush mounted . TECHNICAL SPECIFICAITON: - * Housing should be made of white powder coated CRCA Sheet * Lamp Type - Clear / Neutral White LED, * Power Consumption - 15/ 18 W, * Wattage Of Single LED - 0.15 W to 0.25 W, * Number of LED - Depending Upon Total Power Consumption & Illuminance, * Lamp Colour Temp - 4000 to 6000K, * Light Coverage - 100° to 120°, * Illuminance - 90 to 150 Lux At A Vertical Height Of 7 Ft. * Rated Lamp Life - Min. 50,000 Hrs * Visor - Acrylic / Prismatic Sheet, * Heat Dissipation - Negligible.	NOS.	25		
9	LIGHT FIXTURE S & I of lighting fixtures as per the details given below including necessary hardware such as , clamps,nuts, bolts, nails, screws and in position as directed by architect / Consultant. 600MM X 600MM LED light fixture 600mm X 600mm panel of white powder coated CRCA Sheet Hsg. complete with all accessories as per approved technical specification, site requirements & instructions of the Bank / Architect / Consultant. *** TECHNICAL SPECIFICAITON: - * Panel should be made of white powder coated CRCA Sheet Hsg. * Lamp Type - Clear / Neutral White LED, * Power Consumption - 32 W to 38 W, * Wattage Of Single LED - 0.15 W to 0.25 W, * Number of LED - Depending Upon Total Power Consumption & Illuminance, * Lamp Colour Temp - 4000 to 6000K, * Light Coverage - 100° to 120°, * Illuminance - 300 - 450 Lux, * Rated Lamp Life - Min. 50,000 Hrs * Visor - Acrylic / Prismatic Sheet, * Heat Dissipation - Negligible. (For Banking Hall).	NOS.	20		
10	Supply & erecting Bajaj wall fan with double bearing & with one condenser AC 230V 50cycles of 400mm (16") sweep complete with regulators on wall etc.	NOS.	6		
11	Supply & erecting Exuast fan Bajaj / Crompton make heavy duty 230V A.C. 50 cycles, 225mm (9") 900RPM with Condenser & wihout regulators, complete erected with flexible wire & necessary frame.	NOS.	3		
12	bulket with cfl 10 w	Nos	4		
	4. COMPUTER & TELEPHONE WIRING SYSTEM				
13	Supply & erecting Telephone outlet socket modular type .	NOS.	14		
14	Supply & laying two pair telephone wires comprising of 4 core x 0.5 sq.mm tinner copper conductors P.V.C. Insulated P.V.C. Sheathed laid in provided conduit / provided casing N capping.	MTRS	310		
15	providing & Erecting of Provided computer cable S.I.T.C of CAT-6 phinolex brand in provideid Casing N Caping / conduit.	MTRS	500		
a	Supply and termination of RJ 45 connecter	NOS.	21		
b	IO Pont	NOS.	21		
c	Patch code 1mtr.	NOS.	15		
d	Patch code 2mtr.	NOS.	15		
e	Speeker Wire	MTRS	100		
f	32mm	MTRS	100		
g	25mm	MTRS	62		
h	20mm	MTRS	180		
16	Supply & erection of 25mm Casing N Caping	MTRS	82		
a)	20 Pair corn with box	NOS.	1		
	5. EARTHING				
17	Supply & erection of GI Earth Plate size 600 x 600 x 6mm buried in specially prepared earth pit 1.5 mtr. Below ground level with 40 kgs. Charcoal & salt with funnel with mesh for watering & brick masonry block CI covers complete as per para 7.3 of IS : 3	NOS.	2		
18	Supply & erection of GI wire 8 S.W.G. Laid along with cables etc.	MTRS	95		

19	Making trench of suitable width & 0.7 mtr. deep with screen sand bed of 20cms thick to embed cable & bricks placed on both sides lengthwise & top width wise all over the run & refilling the excavated w/o stones & making the surface proper with 15 cms. cro	MTRS	30		
20	100 sqmm single core copper wire for copper earth	MTR	28		
21	Inverter wiring 1.5 Sq.mm	MTR	100		
22	MSEB load sanctioning & liaison work .(excluding official receipt charges and deposits)	1 job	1		
23	<p>PANELS</p> <p>Supply ,installation ,testing and commissioning of cubicle type panel as specified and complete With :-</p> <p>a) Tinned copper busbars b) Switchgear , wiring c) 7 take pre - treatment , powder coated finish (Siement' s white) d) Earthing e) All MCCBc with rotary handles</p> <p>Floor Panel consisting of :</p> <p>a) 1 no 100 A 4pole MCCB as incomer ,25 kA b)2nos. 32 A TPN MCCBs c)2 no 6 to 32 A 2 pole MCB d) 8 nos 6 A to 16 A MCBs e) 2 nos . 32A TPN MCBs with 32A TP contactor , NO/ OFFpush button f) 1 set RYB phase indicating lamps with fuses g) 1 no comdined digital meter to read current etc .IME make (including UPS SUB-DB)</p>	1	no		
24	h.)supply and errection SPN 12 way DP 25 a incooming DP MCB and out going 10 a SP MCB use for UPS supply.	2	No.		
25	Electrical wiring for Fire alaram, smoke detector system with switches (if swithciches supplied by agency then that cost will be deducted from quoted rate) (Grid and specification will be as per r NBC /(@ 3mtr X 3mtr grid))	80.0	Rmt		
26	Supply ,installation Of 9U rack Make D-link	1.0	No.		
27	UPS Chened Over pannel for 2UPS, I/P/O/P	1.0	Nos.		
	TOTAL				

Note: Rate Including GST Taxes.