

**ELECTRICAL WORK FOR SBI GUEST HOUSE ,UDYAN RESIDENTIAL BUILDING,
NEPEAN SEA ROAD, MUMBAI.**

BILL OF QUANTITIES

S. No.	ITEM	UNIT	QUANTITY	RATE	AMOUNT
1	Point wiring including moduler metallic switch box & sheet, switches, sockets, lamp holders/ceiling roses etc with 2x1.5 Sq. mm. 1.1 kv grade PVC insulated cable FRLS with copper multi strand conductor in surface/concelled rigid steel conduit of suitable size and 1.5 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit including painting, etc. as required for :-				
A	Single Light points controlled by 6 Amp switch.	Each	40		
B	Secondry Light points looping from above point	Each	40		
C	Fan Points with socket type step type electronic	Each	0		
D	Bell point with musical bell	Each	0		
E	Twin Control light points(one point controlled by two	Each	8		
F	3 Pin 6 Amp socket outlet on Separate Board (1switch+1	Each	6		
G	3 Pin 6 Amp socket outlet on Separate Board (2switch+2	Each	8		
2	Point wiring including moduler metallic switch box & sheet but including switches, sockets for 3/5 pin 6 Amp. Socket outlet point with 2x 1.5 Sq. mm.1.1 kv grade PVC insulated cable FRLS with copper multi strand conductor in surface/concelled rigid steel conduit of suitable size and 1.5 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit with required materials on same board.	Each	10		
3	Wiring for circuit wiring with 1.1 kv grade PVC insulated cable FRLS with copper multi strand conductor in surface/concelled rigid steel conduit of suitable size				
	3 x 2.5 Sq.mm.+ 1 x 1.5 Sq.mm. for inverter wiring	Mtr	0		
4	Point wiring including moduler metallic switch box & sheet for 3 Pin 16 Amp. Socket Outlet Point With 2x 4 Sq. mm.1.1 kv grade PVC insulated cable FRLS with copper multi strand conductor in surface/concelled rigid steel conduit of suitable size etc. with 16 Amp. Switch & Socket and 4 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit including conduit and wiring.	Each	3		

5	Supplying and fixing flush mounting type, as per accepted practice, duly embedded and end plate completely flushed in wall, cable connection of approved make Vertical TPN MCB DB Metal Double Door IP 43 protection with provision for FP MCB as incomer and SP/TP MCBs as outgoing inclusive of Bus bar, Neutral bar, Earth bar & two earth terminals etc. complete.				
A	4 way (8+12) including 12nos. 6A - 32A SP MCB & 1nos.3	Each	0		
B	6 way (8+18) including 18nos. 6A - 32A SP MCB & 1nos.	Each	0		
6	Wiring for sub-mains With 4x 6 Sq. mm.1.1 kv grade PVC insulated cable FRLS with copper multi strand conductor and 4 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit in surface/concealed rigid steel conduit of suitable size etc. Conduit included including accessories, connection etc ,as required.(For Light DB)	Mtr	0		
7	Supply and laying of XLPE Insulated power cable (confirming IS-7098 Part-I) 1100 Volt grade,3½ core 25 sq. mm with Alu. Stranded /solid conductor and two nos. 8SWG GI earth continuity conductor along with the cable.	Mtr	0		
8	Supply, fixing and testing of T.V. Outlet Modular (1Module) with suppling and drawing Co-axial T.V. Cable RG-6 Grade , 0.7 mm Solid Copper conductor PF Insulated , Shielded with fine tined copper braid and protected with PVC Sheathed in the surface / concealed Conduit complet as required	Each	2		
9	Supply, fixing and testing of RJ 11 telephone jack modular (1 Module) wwith Supplying and drawing 2 pair of 0.5 mm size solid annealed copper conductor PVC Insulated telephone cable as per DOT Specifications in surface / concealed PVC Conduit complet as required.	Each	2		
10	Supply, Installation testing and commissioning RJ - 45 Computer Jack cat 6 with shutter Modular (2Module) with Suppling and drawing 4 pair shielded, 0.5 mm PVC.Insulated copper conductor un-armoured Cat-6 computer cable FR in surface / concealed , PVC.	Each	2		

11	Earthing with G.I. Earth plate 600mm X 600mm X 6mm thick including accessories and providing masonry encloser in cement mortor, cover plate having locking arrangement on the top and G.I. watering pipe 20mm dia 2.7 Metre long etc. (but without charcoal or coke and salt)complete as required. Supplying and laying 25mm X 5mm G.I. strip at 0.5 Metre below ground level as strip earth electrode including soldering etc. as required. Supplying and laying 25mm X 6mm G.I. strip at 0.5 Metre below ground level as strip earth electrode including soldering etc. as required.	Each	0		
12	Supply & Installation of 8 Guage GI wire.	Mtr	0		
13	Supplying, erection and testing of electric Ceiling fan (5 star)-1200 mm Sweep of double ball bearing complete with standard down rod, canopy, hanging shackle, Aluminium blades, without regulator, A.C. 230-250 volts including connections with all necessary material complete of approved as required .	Each	0		
14	Supplying and fixing of Deluxe fresh air fan with louvers (ventilating fan) with self closing louvers of decorative PVC blades mounting square frame complete with all necessary material as required . 200mm RPM 1300/1400	Each	0		
15	Supplying, erecting and testing of Exhaust Fan heavy duty with mounting frame,metal blades AC 230-250 complete connection and including, frame bolt/ Anchor hole fastners etc. complete finished of approved as required. 300mm sweep 900 RPM	Each	0		
16	Supply and fixing Led tube rod comprising of LED tube 6500K color temp having 40000 burning hrs life with plastic extruded housing.1 X 18/20/22W	Each	0		

17	Supplying and fixing recessed mounting 8 watt LED down lighter, LED of 1 to 3 W each assembled on single MCPCB, having color temp 6500K & having 50000 burning hrs life Housing made of CRCA powder coated frame with glare free diffused polycarbonate cover. connection wire, testing etc. to complete the job.	Each	92		
18	Supplying and fixing cove Strip LED light, of required colour and approved quality connection wire, testing etc. to complete the job.	Each	11		
19	Supplying and fixing wall (5-8 W) LED light, of approved quality/design connection wire, testing etc. to complete the job. With lamp.	Each	22		
20	Supplying and fixing study table light, of required colour and approved quality/design connection wire, testing etc. to complete the job. With lamp.	Each	4		
21	Supplying and fixing mirror/dressing table light, of required colour and approved quality/design connection wire, testing etc. to complete the job.	Each	10		
TOTAL					