

**BOQ FOR ELECTRICAL & ALLIED WORKS FOR STATE BANK OF INDIA MESSENGER
QUARTERS AT JADHAVWADI**

Sl. No.	Particulars	Quantity	Unit	Rate	Amount
	<u>POINT WIRING</u>				
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.0 sq.mm FR PVC insulated copper conductor single core cable in surface heavy gauge PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.				
	Group C	96	Nos		
2	Wiring for twin control light point with 1.0 sq.mm FRLS PVC insulated copper conductor single core cable in surface /recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	24	Nos		
	<u>CIRCUIT/UPS/POWER/SUBMAIN WIRING</u>				
3	Wiring for light/Ups/Raw power Circuit with 2X1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit alongwith 1 No. 1.5 sq. Mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	800	mtrs		
4	Wiring for light/Ups/Raw power Circuit with 2X2.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit alongwith 1 No. 2.5 sq. Mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	400	mtrs		
5	Wiring for light/Ups/Raw power/AC/Submain Circuit with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit alongwith 1 No. 4 sq. Mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	120	mtrs		
	<u>MODULAR BOX/PLATE/SWITCH/SOCKET</u>				
6	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.				
a	1 or 2 Module (75mmX75mm)	40	Nos		
b	3 Module (100mmX75mm)	24	Nos		
c	8 Module (125mmX125mm)	8	Nos		

7	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.		
a	5/6 amps switch	50	Nos
b	5/6 amps socket	64	Nos
c	15/16 amp switch	24	Nos
d	6 pin 6/16 amp socket outlet	24	Nos
e	Telephone socket outlet	8	Nos
f	TV antenna socket outlet	8	Nos
g	Bell push	8	Nos
8	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	24	Nos
10	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	8	Nos
	<u>MCB/DB</u>		
11	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)		
a	12 way , Double door	9	Nos
12	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
a	Single pole	90	Nos
b	Double pole 32A	9	Nos
c	2 Pole 40A, 30ma ELCB	8	Nos
d	2 Pole 40A, 100ma ELCB	1	Nos
13	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	16	Nos
	<u>EARTHING</u>		
15	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	4	sets

16	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	30	mtrs
17	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	15	mtrs
<u>CABLES</u>			
18	Supplying, Laying and fixing of one number Armoured Aluminium/Copper Cable of 1.1 KV grade of following size on wall surface as required.		
a	4x10 sq.mm Al	160	mtrs
b	3.5x70 sq.mm Al	30	mtrs
c	3x2.5 sq.mm Cu	60	mtrs
19	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE Copper conductor cable of 1.1 KV grade as required.		
a	4x10 sq.mm Al	16	sets
b	3.5x70 sq.mm Al	2	sets
c	3x2.5 sq.mm Cu	12	sets
<u>SUPPLYING AND INSTALLATION OF OF FIXTURES</u>			
20	Supplying of following rated LED Light Fixtures of Cool Light		
a	18 Watt batten type LED Fixtures	32	Nos
b	LED light with Holder	48	Nos
c	25Watt LED Street light with GI batten	6	Nos
21	Supplying of Following size Fans		
a	1200 mm Ceiling Fan crompton high speed	24	Nos
b	230 mm Exhaust Fan(Heavy Duty)	8	Nos
c	300 mm Exhaust Fan(Heavy Duty)	8	Nos
22	SITC of meter board panel along with 1 No 100A MCCB and 9 Nos 32 A 2 pole MCB i/c all accessories etc as reqd.	1	sets
		Total	Rs