

## CANARA BANK QUARTER BUILDING 1 - ELECTRICAL

Sl. No	Description	Qty	Unit	Rate	Amount
<b>I DISTRIBUTION BOX</b>					
1.00	Supply, fixing, testing and commissioning of the double 4 door type compartmental Phase segregated 4way MCCB DB comprising of the following : <b>13 Nos of DB Considered for 12 flats, 1 servant room and 1 no extra DB is considered for common areas of Staircase, Lift, Passage Etc.</b>				
a	32A DP MCCB – 1No. as incomer.				
	Outgoing consist of 3nos.10A and 2 nos. 20A 10KA SPMCB (C-Curve) in a separate compartment with necessary phase segregation as required by the Electrical Inspectorate.				
	With necessary tinned copper busbars, interconnections, separate earth bus, separate neutral bus for each phases. The board shall be powder coated type fixed with Nos 2 concealed system in wall. The rate shall include necessary connected civil works like chipping, rough plastering etc.				
	Full Set as above	14	SET		
1.10	Design, supply and fixing of 20A 3 pin metal clad socket with 20A DP MCB in a suitable size MS enclosure fixed in recessed system. (Mancooler)	36	Nos.		
<b>II CABELS / MAINS</b>					
1.00	S & I of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed conforming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect in the following sizes.				
1.60	2Cx 10Sq.mm Copper	918	mtr.		
2.00	S & I of end termination of above mentioned cables including compressed type brass glands, crimping type coper lugs, insulation tape etc. as 'required complete with earthing of glands in following sizes				
2.30	2C x 10/4 Sq.mm	20	Nos.		
<b>III WIRING</b>					
<b>Rates of wiring for Light, fan, Plug are inclusive of suply,Installation,testing,commissioning</b>					
1.00	Supply & Installation of concealed point wiring using 600v grade 2.5 sqmm copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through haevy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires from the relevant DB and also including 1.5 Sq.mm Green Colour Copper earth wire and provision of grid plate type ( ROMA) switches and sockets as approved by Bank / Architect. Each circuit feeding not more than 8 points / 800 W as per the following configuration.				
1.10	Primary light points including the cost of 5A switch	104	Pts		
1.20	Secondary light points looped from the above point	0	Pts		
1.30	5A plug point as primary point	52	Pts		
1.40	Secondary 5A Plug point on switch board	64	Pts		
1.50	15A Plug Point directly taken from DB for hotplate/geyser / fridge	28	Pts		
1.60	Ceiling Fan point with 6A switch and Modular type regulator as approved	52	Pts		
1.70	Exhaust fan point consisting of 5A socket near fan and switch on light switch board	39	Pts		
<b>IV LIGHTING FIXTURES(Philips/Wipro/Thorn/Crompton)</b>					
1.00	S & I of lighting fixtures as per the details given below including necessary hardware such as clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.				
1.10	LED Tube Light T5, 16W 1200mm T5TL, Ordering Code- SSK-RA-1601-N	116	Nos.		
1.20	250mm dia wall mounted exhaust fan of decorative plastic body and blade with louvers on the outside (Newtek/Cromton/Approved Equivalent)	39	Nos.		
1.30	1200 mm diameter Ceiling fan	52	Nos.		
<b>A TOTAL FOR ELECTRICAL WORKS</b>					

## CANARA BANK QUARTER BUILDING 2 - ELECTRICAL

Sl. No	Description	Qty	Unit	Rate	Amount
<b>I</b>	<b>DISTRIBUTION BOX</b>				
1.00	Supply, fixing, testing and commissioning of the double 4 door type compartmental Phase segregated 4way MCCB DB comprising of the following : <b>20 Nos of DB Considered for 18 flats, 2 store rooms and 1 no extra DB is considered for common areas of Staircase, Lift, Passage Etc.</b>				
a	40A 4P MCCB – 1No. as incomer.				
b	25A DP MCB (C-Curve) with 25A DP ELCB 30mA – 3 Nos. as outgoing.				
	Each 25A DP MCB outgoing consist of 4nos.10A 10KA SPMCB (C-Curve) in a separate compartment with necessary phase segregation as required by the Electrical Inspectorate.				
	With necessary tinned copper busbars, interconnections, separate earth bus, separate neutral bus for each phases. The board shall be powder coated type fixed bus with Nos 2 concealed system in wall. The rate shall include necessary connected civil works like chipping, rough plastering etc.				
	Full Set as above	21	SET		
1.10	Design, supply and fixing of 20A 3 pin metal clad socket with 20A DP MCB in a suitable size MS enclosure fixed in recessed system. (Mancooler)	18	Nos.		
<b>II</b>	<b>CABELS / MAINS</b>				
1.00	S & I of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed confirming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect in the following sizes.				
1.60	2Cx 10Sq.mm Copper	1024	mtr.		
2.00	S & I of end termination of above mentioned cables including compressed type brass glands, crimping type coper lugs, insulation tape etc. as 'required complete with earthing of glands in following sizes				
2.30	2C x 10/4 Sq.mm	12	Nos.		
<b>III</b>	<b>WIRING</b>				
1.00	Supply & Installation of concealed point wiring using 600v grade 2.5 sqmm copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through haevy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires from the relevant DB and also including 1.5 Sq.mm Green Colour Copper earth wire and provision of grid plate type ( ROMA) switches and sockets as approved by Bank / Architect. Each circuit feeding not more than 8 points / 800 W as per the following configuration.				
1.10	Primary light points including the cost of 5A switch	170	Pts		
1.20	Secondary light points looped from the above point	0	Pts		
1.30	5A plug point as primary point	52	Pts		
1.40	Secondary 5A Plug point on switch board	65	Pts		
1.50	15A Plug Point directly taken from DB for hotplate/geyser / fridge	26	Pts		
1.60	Ceiling Fan point with 6A switch and Modular type regulator as approved	60	Pts		
1.70	Exhaust fan point consisting of 5A socket near fan and switch on light switch board	40	Pts		
<b>IV</b>	<b>LIGHTING FIXTURES(Philips/Wipro/Thorn/Crompton)</b>				
1.00	S & I of lighting fixtures as per the details given below including necessary hardware such as clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.				
1.10	LED Tube Light T5, 16W 1200mm T5TL, Ordering Code- SSK-RA-1601-N	132	Nos.		
1.20	250mm dia wall mounted exhaust fan of decorative plastic body and blade with louvers on the outside (Newtek/Crompton/Approved Equivalent)	24	Nos.		
1.30	1200 mm diameter Ceiling fan	52	Nos.		
<b>A</b>	<b>TOTAL FOR ELECTRICAL WORKS</b>				