

ELECTRICAL WORK		UNIT	qty	rate	amount
NO	ITEM				
	<u>SECTION - A</u>				
1	MAIN DISTRIBUTION PANEL: -	nos	1		
	S/I/T/Commissioning of Main Distribution panel as per given below: -				
	440 Volts AC, 3 Phase, 50 Hz with 50 KA fault level for 1 second.				
	Floor / Wall mounted, 7 tank cleaning process with duly powder coated with copper bus bar.				
	<u>Incomer:</u> -				
	125 Amps 3 Pole MCCB of 25 KA breaking capacity (L&T Make) LED type phase indicating lamp. Digital voltmeter, Ammeter with selector switch with required CT unit. Danger Notice Board indicating sign (DANGER) in English, Hindi, Marathi.				
	<u>Outgoing:</u> -				
	40 Amps TPN MCB - 1 No. (For Lighting DB) 63 Amps MCB - 2 Nos. (For UPS / Raw Power DB) (L&T make) 40 Amps DP MCB for Glow Sign Board - 2 Nos. 32 Amps DP, MCB - 6 Nos. (For Window AC/ Split AC) Busbar: - 100 Amps TPN Isolated Copper Busbar. 10 nos SP MCB 10/32 Amps for lighting load. 4 Nos SP MCB for Raw Power. MDS Legrand/Siemens/Indokopp)				
2	UPS POWER DISTRIBUTION BOARD: -	nos	2		
	4 Way TPN DB consist of				
	Incomer: -63 Amps DP MCB - 1 No.				
	<u>Outgoing:</u> - 10/16 Amps SP MCB - 8 Nos.				
	MDS Legrand/Siemens/Indokopp)				
3	UPS INPUT/ OUTPUT consist of	nos	2		
	63 Amps/40 Amps DP MCB in MS enclosure box				
	MDS Legrand/Siemens/Indokopp)				
	TOTAL SECTION A				

<u>SECTION - B</u>				
POWER CABLE & TERMINATION: -				
1	Supplying, Installation, Testing & Commissioning of LT Cable rated for 600 / 1100 Volts AC as per IS Standard with necessary accessories.3 .5 Core X 70 Sq.mm. Aluminum armoured cable from Meter Room to Main Power Panel with 2 Nos. of 12 SWG Copper Earth Wire.	per m	60	
2	Do as above but for 4 core x 16 sq.mm Cu armoured cable from main panel to AC unit for 22 tonne unit.	per m	0	
3	Do as above but for 4 core x 10 sq.mm Cu armoured cable from main panel to AC unit of 11 tonne unit.	per m	0	
4	Do as above but for 4 sq.mm x 2 runs, 2.5 sq.mm x 1 run for spilt/ window AC.	per m	200	
5	Do as above but for 6 Sq.mm. X 2 Nos. Copper PVC insulated wire from UPS output to UPS DB with 1 No. of 6 Sq.mm. Copper Earth Wire.	per m	35	
TOTAL SECTION B				
<u>SECTION - C</u>				
LIGHT POINT WIRING				
Supplying, Installation, Testing & Commissioning of Light Point Wiring using 1100 Volts grade with 2 Nos. of 1.0 Sq.mm. Copper PVC insulated wire pulled through PVC conduits of 25mm / 20mm of 16 Gauge thickness. All the wiring below false ceiling must be concealed. All the drops wire from the junction box to the light point must be in flexible pipe with gland at the junction box. Rate quoted must include the cost of Switches, Conceal Box, Plate and required accessories etc.				
1	Primary Light Point	nos	45	

2	Half Socket Point on Lighting Board.	nos	4		
3	Fan Point with dimmer	nos	7		
4	Exhaust Fan Point	nos	4		
5	Bell Point with Bell (Indicator Type or Ding Dong) (Make: - Polycab / Finolex FR).	nos	3		
	AC POWER POINT: -				
8	AC metal clad box three phase with top socket, 20/32 Amp (Make: - North West / Anchor Roma).	nos	1		
	CIRCUIT WIRING: -				
9	S/I/T/Commissioning of circuit wiring using 3 Nos. of 2.5 Sq.mm. PVC insulated Copper wire ISI mark. (Make: - Polycab / Finolex FR)	per m	220		
10	S/I/T/Commissioning of main board wiring using 2 Nos. of 4 Sq.mm. PVC insulated Copper wire ISI mark. (Make: - Polycab / Finolex FR)	per m	15		
11	S/I/T/Commissioning of UPS Input/Output, cooler, printer wiring using 3 Nos. of 4 Sq.mm. PVC insulated Copper wire ISI mark. (Make: - Polycab / Finolex FR)	per m	80		
	TOTAL SECTION C				
	<u>SECTION - D</u>				
	FLOOR RACEWAYS & CONDUITS: -				

	Supplying, Installation, Testing & Commissioning of following raceways /conduits in flooring. The rate shall be inclusive of removing the flooring by cutter & back filling the same with required Sand, Cement etc. and giving the finishing upto the floor level as per instructions of Architect				
1	50mm X 25mm X 2mm thick Aluminum Raceways. (<u>Make</u> - Hindustan / Jindal)	per m	30		
2	80mm X 40mm X 2mm thick Aluminum Raceways. (<u>Make</u> - Hindustan / Jindal)	per m	0		
3	25mm Dia PVC heavy conduit pipe. (<u>Make</u> - Precision / polycab)	per m	120		
	FLOOR JUNCTION BOX: -				
	Supplying, Installation, Testing & Commissioning of following MS junction boxes in floor of 14 SWG thick duly painted. The rate shall be inclusive of providing Sand, Cement etc. and finishing the same upto the floor level as per instructions of the Architect.				
4	150mm X 150mm X 2mm thick junction box with stainless steel cover plate.	nos	4		
5	300mm X 300mm X 2mm thick junction box with stainless steel cover plate.	nos	4		
	TOTAL OF SECTION - D				
	SECTION - E				
	RAW POWER POINT: -				
	Supplying, Installation, Testing & Commissioning of raw power socket point on Skirting, Walls for tables by using 3 run X 2.5 Sq.mm. copperwire through already laid floor raceways, upto the position of switch socket using PVC flexible pipe run concealed within Walls / Partition / Work Station etc. The rate shall be inclusive of MS concealed box, surface plate, 3 run X 2.5 Sq.mm. wire & required accessories etc. (Make - Finolex / Polycab) Note: - Not more than 4 Raw Power Point should be controlled by one circuit.				

1	16 Amps Switch & 16 Amps Socket Point.	nos	3		
2	6 Amps 5 Pin Socket and 6 Amps switch one nos. <u>Make</u> - Anchor Roma / MK India / ABB.	nos	30		
	COMPUTER SOCKET POINT: -				
	Supplying, Installation, Testing & Commissioning of computer socket point on Skirting, Walls for tables by using 3 run X 2.5 Sq.mm. flexible copper cable through already laid floor raceways, upto the position of switch socket using PVC flexible pipe run concealed within Walls / Partition / Work Station etc. The rate shall be inclusive of MS concealed box, surface plate, 3 run X 2.5 Sq.mm. flexible wire & required accessories etc. (Make - Finolex / Polycab)				
	<u>Note</u> : - All the circuit to computer socket point must be from UPS DB.				
1	3 Nos. of 6 Amps socket below work station on 8 module plate & 1 No. of	nos	24		
2	16 amps SP switch with indicator above work station.				
3	2 Nos. of 5/16 Amps socket with 2 Nos. of 16 Amps SP indicator switch.	nos	15		
	<u>Make</u> - Anchor Roma / MK India / ABB.				
	TOTAL OF SECTION - E				

	SECTION - F				
	LIGHT FIXTURE: -				
	Supplying, Installation, Testing & Commissioning of following light fixtures complete of approved make as per specification with all fitting, accessories such as Junction Box, Hardware, Starter, Connector, Lamps, Tube etc. fittings and make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling approved by Architect / Engineer.				
	(Before Installation Sample must be shown to Architect)				
1	Wipro make ideos WVP 78236 (600X600)		17		
2	Wipro make Pearl WRF 20140		7		
3	Wipro make WCP 34118 (with fresnel lens)		22		
4	Wipro make patti WDF 9140 NS.		12		
5	Wall/ ceiling Fans (Crompton make)		7		
6	9" Exhaust Fan of Unique / GEC make.		4		
	TOTAL OF SECTION - F				
	SECTION - G				
	TELEPHONE CABLING: -				
1	S/I/T/Commissioning of 20 pair telephone unarmoured cable from service point to Krone Box (Make - Finolex / Delton / Polycab)	per m	50		
2	S/I/T/Commissioning of 50 pair krone and 50 pair module with termination and crimping etc. complete. (Make - Krone type Delton / ITL)	per nos	1		

3	S/I/T/Commissioning of Telephone point with 2 pair telephone cable	per m	120		
4	Roma Make telephone socket.	per nos	30		
	TOTAL OF SECTION - G				
	SECTION - H				
	MISCELLANEOUS WORK: -				
1	Supplying/Installation/Testing & Commissioning of Earthing station as per I.SI standards., 25mm dia GI pipe with funnel for water Necessary excavation, copper plate etc .back filling g of earth, electrode, charcoal, salt layer copper strip. Complete This earthing pit is for General Earthing UPS, ATM machine	per nos	2		
2	S/I/T/Commissioning of 10 sq.mm cu wire for earthing.	per m	20		
	TOTAL OF SECTION - H				
	SECTION - I				
6	MUSIC SYSTEM				
6.1	TWIN TWISTED WIRE WITH PVC PIPE / CASE N CAPPING	per m	150		
6.2	8" 20W SPEAKAR SYSTEM WITH BUILT IN TRANSFORMER CEILING MOUNT PHILLIPS MAKE	per no	8		
6.3	90 W MUSIC SYSTEM SONY MAKE CD RADIO, CASSETE PLAYER, CODE NO RS60CP IN MANAGER CABIN WITH ALL ACCESSORIES FOR CONNECTION	per no	1		
6.4	AMPLIFIER MACHINE PHILLIPS MAKE 125 W WITH ALL ACCESSORIES FOR CONNECTION	per no	1		
	TOTAL OF SECTION - I				
	SUMMARY				
	TOTAL SECTION A				
	TOTAL SECTION B				
	TOTAL SECTION C				
	TOTAL SECTION D				
	TOTAL SECTION E				
	TOTAL SECTION F				
	TOTAL SECTION G				
	TOTAL SECTION H				
	TOTAL SECTION - I				

BANK OF INDIA

WALCHANDNAGAR BRANCH

ELECTRICAL

	GRAND TOTAL				
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