ELECTRICAL WORK ESTIMATES FOR CANARA BANK AT RAH VISAKHAPATNAM (1st and 2nd floor)

22/ LED recessed mounting light fitting (Havelis/Wipro/Crompton/philips or Equivalent) including cost and conveyance of all materials, laxes and all labort special property of the property o		ELECTRICAL WORK ESTIMATES FOR CANARA BANK AT RAH				· · · · · · · · · · · · · · · · · · ·
Equivalent) including oat and conveyance of all materials, taxes and all labor charges etc., complete. Wall inter connections and fixing arrangement (should be hanged with the help of chains/Gl from the cellar) as required. The price should be include fixing arrangement in Cyburni Crid cellar per cells of the include fixing arrangement in Cyburni Crid cellar per cells. 12 LW LED presses mounting downlight fitting (thewalts/WinyorCormophor) pilips or Equivalent including cost and conveyance of all materials, taxes and all labor charges etc., complete 13 Supply and fixing Wall Mounting Pans of 16" high speed Crompton make with suitable all born generals etc. 14 Supply and fixing Wall four price pans of 16" high speed Crompton make with suitable all bard granterials etc. 15 Supply and fixing Celling Fans High speed Crompton make with suitable all bard granterials etc. 16 Heavy Dury Esthaust Fans 9" 17 Supply and wiring of Light and fan Points with Switch. MS Box, Plate and also suitable Sugram thick PVC conduit with 3x1 Sigmm Copper multisterand tencible pvo Insulated cable (FRLS) with required all Materials etc. (Rate including the circuit wink from Uplyint) Distribution Board to Switch Board Wiring 2x2 5+1 Sigmm Wire and PVC Conduit with 3x1 Sigmm copper multisterand tencible pvo Insulated able (FRLS) with required all Materials etc. (Rate including the inclus PVC conduit with 3x1 Sigmm can't wire Copper multistend feeble pvo Insulated wires and 5A Switch curr sockets with Sufface/Concolled Box with required all materials etc. 15 Supply and wiring of Wall Mounting Fan points from Near with 3x1.Sigmm and wire Copper multistand flootibe pvo insulated wires and 5AB Switch curr sockets with sufface Concolled Box with required all materials etc. 16 Pts Supply and wiring of Wall Mounting Fan points from Near with 3x1.Sigmm earth wire Copper multistand flootibe pvo insulated wires with Supply and floring of Circuits for Acs with Suitable Europe PvC Conduite and 2x2.Sigmm + 1.5 Sigmm earth wire Copper multistand	SNO	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
2 (Havellas/Wipro/Compton/philips or Equivalent) including cost and conveyance of all materials uxes and all labor charges etc., complete Supply and fixing Mail Mounting Fains of 16" High speed Crompton make Metal Body with suitable all fixing materials etc. Supply & Fixing Supply & Fixing Supply and fixing of 4 Led Tube Lights420 W) Supply and fixing of celling Fains High speed Crompton make with suitable all fixing materials etc. Supply & Fixing No. No. Supply & Fixing Heavy Dury Exhaust Fains 9" Supply & Fixing No. Supply & Fixing No. Supply and wining of Light and fain Peints with Switch. MS Box, Plate and also Sitiable Size Zmm thick PVC conduit with 3x1.5Sgmm Copper multistrand lexible por insulated cable [FELS] with required all Materials etc. (Rate notuding the circuit wining from Lighting Distribution Board to Switch Board Wiring 22.5±1.5Sgmm Wire and PVC Conduits with 3x1.5Sgmm can't wire Copper multistrand floxible por insulated cable [FELS] with required all Materials etc. (Rate notuding the circuit wining from Lighting Distribution Board to Switch Board Wiring 22.5±1.5Sgmm Wire and PVC Conduit with 3x1.5Sgmm can't wire Copper multistrand floxible por proving and the specific proving specific proving and specific proving and specific proving specific		Equivalent) including cost and conveyance of all materials, taxes and all labor charges etc., complete. with all inter connections and fixing arrangement (should be hanged with the help of chains/GI from the ceiling) as required. The	30	Nos		
3 Metal Body with suitable all fixing materials etc. Supply & Fixing 4 Supply and fixing of 4' Led Tube Lights(20 W) 5 Supply and fixing of diling Fars High speed Crompton make with suitable all fixing materials etc. Supply & Fixing 6 No Supply & Fixing 6 No Supply & Fixing 6 No Supply & Fixing 7 No Supply and wring of Light and fan Points with Switch. MS Box, Plate and also Suitable Size Zmm thick PVC conduit with 3x1.5Sqmm Copper multistrand floxible pvc insulated cable (FRLS) with required all Materials etc. (Rate including the circuit wing from Lighting Distribution Board to Switch Board Wring a 2x2.5-fi-SSgmm Wire and PVC Conduits with 3x1.5Sqmm copper multistrand floxible pvc insulated cable (FRLS) with required all Materials etc. (Rate including the circuit wring from Lighting Distribution Board to Switch Board Wring a 2x2.5-fi-SSgmm Wire and PVC Conduits with 3x1.5Sqmm earth wire Copper multistand flexible pvc insulated wrises and 5.8 Switch cum sockets with Surface/Conceiled Box with required all materials etc. Supply & Fixing 10 Supply and wring of Wall Mounting Fan points from Near with 3x1.5Sgmm earth wire Copper multistand flexible pvc insulated wrises and 5.8 Switch cum sockets with Surface/Conceiled Box with required all materials etc. AC Points: 10 Supply and wring of Circuits for Acs with Suitable Zmm thick PVC Conduite and 2x4.5Sgmm earth wire Copper multistand flexible pvc insulated wrises and 5x4.9Sgmm earth wire Copper multistand flexible pvc insulated wrises and 5x4.9Sgmm earth wire Copper multistand flexible pvc insulated wrises and 5x8.9M Box and all required all materials etc. AC Points: 10 Supply and fixing of 1No. 6x8 Sockets with 6x8 Switch control for above Switch Control Box and 2x4.9Sgmm earth wire Copper multistand flexible pvc insulated wrises with suitable Surface/MS Boxes etc. Including Connections 14 Supply and fixing of 3 No. of 6x8 Sockets with 1 No. of 16x8 Switch control for Raw/UPS Power with Suitable Surface/MS Boxes etc. Including Connections 15 Swit	2	(Havells/Wipro/Crompton/philips or Equivalent) including cost and	49	Nos		
Supply and fixing Ceiling Fans High speed Crompton make with suitable all fixing materials atc. Supply Erbard Heavy Duty Exhaust Fans 9" Supply and wiring of Light and fan Points with Switch. MS Box, Plate and also Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm Copper multistrand flexible pvc insulated cable (FRLS) with required all Materials etc. (Rate including the circuit wining from Lighting Distribution Board to Switch Board Wiring 2x2.5-1-5Sqmm Wire and PVC Conduites) Primary Point Supply A Wiring Looping/Secondary Point Supply A Wiring Supply and wiring of Bell point with bell Push and Ding Dong Bell with Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm earth wire Copper multistand surface/Concelled Box with required all materials etc. Supply 8 Fixing Supply and wiring of Wall Mounting Fan points from Near with 3x1.5Sqmm 10 sorkets with Suitace/Concelled Box with required all materials etc. Ard Points: Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC conduite and 2x4.0Sqmm +2.5Sqmm earth wire Copper multistand flexible pvc insulated wires and 56A Switch cum sockets with Surface/Concelled Box with required all materials etc. Ard Points: Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC Conduite and 2x4.0Sqmm +2.5Sqmm earth wire Copper multistand flexible pvc insulated wires and 56A Switch control for above Switch Control Boards with suitable Surface/MS boxes etc. Supply & Fixing. SWITCH CUM SOCKETS SWITCH CUM SOCKETS Supply and fixing of 1Ro. 6A Sockets with 1 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply & Fixing UPS Wiring: Supply and fixing of 2Ro. of 16A Sockets with 1 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply & Fixing UPS Wiring: Supply and wiring of Circuits for UPS power from RAW Power DB to individual Tables with suitable Surface/MS boxes etc. Supply & Fixing UPS Wiring: Supply and wiring of Circuits for Power from RAW Power DB to individual Tables with	3	Metal Body with suitable all fixing materials etc.	16	No		
5 fibring materials dic. Supply & Fixing 6 Heavy Duty Exhaust Fans 9' Supply and wiring of Light and fan Poirts with Switch, MS Box, Plate and also Suitable Size 2mm thick PVC conduit with 3x1 sSgmm Copper multistrand floxible pric insulated cable (FRLS) with required all Materials etc. (Rate including the circul wining from Lighting Distribution Board to Switch Board Wiring 2x2.5+1.5Sqmm Wire and PVC Conduites) Supply & Wiring Supply and wiring of Bell point with bell Push and Ding Dong Bell with Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm earth wire Copper multistand flexible proximate wires and 5A Switch cum sockets with Surface/Conceiled Box with required all materials etc. Supply & Fixing 10 Supply and wiring of Wall Mounting Fan points from Near with 5x1.5Sqmm earth wire Copper multistand flexible proximated with Suitable Surface/Conceiled Box with required all materials etc. At Central Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC Conduite earth wire Copper multistand flexible proximated with Surface/Conceiled Box with required all materials etc. At Central Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC Conduite earth wire Copper multistand flexible proximated with Surface and 2x4.05gmm + 2.5Sqmm earth wire Copper multistand flexible proximated with Surface and 2x4.05gmm + 2.5Sqmm earth wire Copper multistand flexible proximated with Surface and Internal Supply and wiring of Circuits for Acs with Suitable Surface/MS Boxes etc. Supply & Fixing 2 Switch Cum sockets Supply and fixing of 3 No. of 6A Sockets with 6A Switch control for above Switch Control Boxes with Suitable Surface/MS boxes etc. Supply & Fixing UPS Wiring: Supply and fixing of 3 No. of 6A Sockets with 1 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply & Fixing UPS Wiring: Supply and wiring of Circuits for UPS power from UPS DB to individual Tables with suitable Zmm thick PVC Conduite and 2x2.5 Sqmm + 2.5 Sqmm earth wire Copper multistand flexibl	4	Supply and fixing of 4' Led Tube Lights(20 W)	27	No		
Supply and wiring of Light and fan Points with Switch. MS Box, Plate and also Suitable Size 2mm thick PVC conduit with 3xt.5Sgmm Copper multistrand lexible pvc insulated cable (FRLS) with required all Materials etc. (Rate including the circuit wiring from Lighting Besirbution Board to Switch Board Wiring 2x2.5+1.5Sgmm Wire and PVC Conduites) Plimary Point Supply & Wiring Supply and wiring of Bell point with bell Push and Ding Dong Bell with Suitable Size 2mm thick PVC conduit with 3x1.5Sgmm earth wire Copper multistand flexible pvc insulated wires and 5A Switch curn sockets with Surface/Concelled Box with required all materials etc. Supply & Fixing Dapply and wiring of Wall Mounting Fan points from Near with 3x1.5Sgmm earth wire Copper multistand flexible pvc insulated wires and 56A Switch curn sockets with Surface/Concelled Box with required all materials etc. A/C Points: Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC Conduite and 2x4.0Sgmm + 2.5Sgmm earth wire Copper multistand flexible pvc insulated wires (FRLS) with Supply and fixing of Metal Clad socket and 25/32A SP MCB and all required all materials etc. Supply and fixing of 2No. of 16A Sockets with 6A Switch control for above Switch SwiTCH CUM SOCKETS Supply and fixing of 2No. of 16A Sockets with 1 No. of 16A Switch control for RawUPS Power with Suitable Surface/MS Boxes etc. Supply & Fixing Wirth Cum Sockets Supply and fixing of 3 No. of 6A Sockets with 1 No. of 16A Switch control for RawUPS Power with Suitable Surface/MS boxes etc. Supply & Fixing Pts Supply and fixing of 3 No. of 6A Sockets with 1 No. of 16A Switch control for RawUPS Power with Suitable Surface/MS boxes etc. Supply & Fixing Description of Circuits for UPS power from UPS DB to individual Tables with suitable 2mm thick PVC Conduite and 2x2.5 Sgmm + 2.5 Sgmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring Secondary point Secondary point For Switch Supply & Fixing Secondary point For Switch Supply & Fixi	5	fixing materials etc.	6	No		
Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm Copper multistrand flexible prove insulated cable (FRLS) with required all Materials etc. (Rate of Pts with Supply & Wiring 1 and PVC Conduites) Brimary Point Supply & Wiring 1 Looping Secondary Point Supply & Wiring 2 Supply and wiring of Bell point with bell Push and Ding Dong Bell with Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm earth wire Copper multistand flexible pvc insulated wires and 5A Switch cum sockets with Surface/Conceiled Box with required all materials etc. Supply & Fixing 1 set	6	Heavy Duty Exhaust Fans 9"	5	No		
Supply & Wiring Supply and wiring of Bell point with bell Push and Ding Dong Bell with Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm earth wire Copper multistand flexible pvc insulated wires and 5A Switch cum sockets with Surface/Conceiled Box with required all materials etc. Supply & Fixing Supply and wiring of Wall Mounting Fan points from Near with 5x1.5Sqmm earth wire Copper multistand flexible pvc insulated wires and 5/6A Switch cum sockets with Surface/Conceiled Box with required all materials etc. ### ACP Points: Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC Conduite and 2x4.0Sqmm + 2.5Sqmm earth wire Copper multistand flexible pvc insulated wires (FRLS) with Supply and fixing of Metal Clad socket and 25/32A SP MCB and all required all materials etc. Supply & Fixing. #### Supply and fixing of 1No. 6A Sockets with 6A Switch control for above Switch Control Boards with suitable Surface/MS Boxes etc. Including Connections Supply and fixing of 2No. of 16A Sockets with 1 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply & Fixing ###################################	7	Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm Copper multistrand flexible pvc insulated cable (FRLS) with required all Materials etc. (Rate including the circuit wiring from Lighting Distribution Board to Switch Board Wiring 2x2.5+1.5Sqmm Wire and PVC Conduites) Primary Point	67	Pts		
Supply and wiring of Bell point with bell Push and Ding Dong Bell with Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm earth wire Copper multistand flexible pvc insulated wires and 5A Switch cum sockets with Surface/Conceiled Box with required all materials etc. Supply & Fixing Supply and wiring of Wall Mounting Fan points from Near with 3x1.5Sqmm earth wire Copper multistand flexible pvc insulated wires and 5/6A Switch cum sockets with Surface/Conceiled Box with required all materials etc. A/C Points: Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC Conduite and 2x4.0Sqmm + 2.5Sqmm earth wire Copper multistand flexible pvc insulated wires (FRLS) with Supply and fixing of Metal Clad socket and 25/32A SP MCB and all required all materials etc. Supply & Fixing. 20 Nos Internal 13 Supply and fixing of 2No. of 16A Sockets with 6A Switch control for above Switch Control Boards with suitable Surface/MS Boxes etc. Including Connections 13 Supply and fixing of 2No. of 16A Sockets with 1 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply & Fixing 14 Supply and fixing of 3 No. of 6A Sockets with 2 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply & Fixing 15 Supply and wiring of Circuits for UPS power from UPS DB to individual Tables with suitable 2mm thick PVC Conduite and 2x2.5 Sqmm +2.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring 16 Secondary point Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm +1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring	8	, ,	16	Pts		
arth wire Copper multistand flexible pvc insulated wires and 5/6A Switch cum sockets with Surface/Conceiled Box with required all materials etc. A/C Points: Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC Conduite and 2x4.0Sqmm + 2.5Sqmm earth wire Copper multistand flexible pvc insulated wires (FRLS) with Supply and fixing of Metal Clad socket and 25/32A SP MCB and all required all materials etc. Supply & Fixing. SWITCH CUM SOCKETS Supply and fixing of 1No. 6A Sockets with 6A Switch control for above Switch Control Boards with suitable Surface/MS Boxes etc. Including Connections 13 Supply and fixing of 2No. of 16A Sockets with 1 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply& Fixing 14 Supply and fixing of 3 No. of 6A Sockets with 2 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc.Supply & Fixing 15 Supply and wiring of Circuits for UPS power from UPS DB to individual Tables with suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 2.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring 16 Secondary point Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring 17 Pts Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring	u	Supply and wiring of Bell point with bell Push and Ding Dong Bell with Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm earth wire Copper multistand flexible pvc insulated wires and 5A Switch cum sockets with		set		
Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC Conduite and 2x4.0Sqmm + 2.5Sqmm earth wire Copper multistand flexible pvc insulated wires (FRLS) with Supply and fixing of Metal Clad socket and 25/32A SP MCB and all required all materials etc. Supply & Fixing. 20 Nos Internal Supply and fixing of 1No. 6A Sockets with 6A Switch control for above Switch Control Boards with suitable Surface/MS Boxes etc. Including Connections Supply and fixing of 2No. of 16A Sockets with 1 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply& Fixing 14 Supply and fixing of 3 No. of 6A Sockets with 2 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply & Fixing 15 WPS Wiring: Supply and wiring of Circuits for UPS power from UPS DB to individual Tables with suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 2.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring		earth wire Copper multistand flexible pvc insulated wires and 5/6A Switch cum	16	set		
Supply and fixing of 1No. 6A Sockets with 6A Switch control for above Switch Control Boards with suitable Surface/MS Boxes etc. Including Connections Supply and fixing of 2No. of 16A Sockets with 1 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply& Fixing Supply and fixing of 3 No. of 6A Sockets with 2 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply & Fixing 17 Nos UPS Wiring: Supply and wiring of Circuits for UPS power from UPS DB to individual Tables with suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 2.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Supply & Wiring Pts Pts Pts Pts Pts Pts Pts Pt	11	Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC Conduite and 2x4.0Sqmm + 2.5Sqmm earth wire Copper multistand flexible pvc insulated wires (FRLS) with Supply and fixing of Metal Clad socket and 25/32A		set		
Raw/UPS Power with Suitable Surface/MS boxes etc. Supply& Fixing 14 Supply and fixing of 3 No. of 6A Sockets with 2 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply & Fixing 15 UPS Wiring: Supply and wiring of Circuits for UPS power from UPS DB to individual Tables with suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 2.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring 16 Secondary point The Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm +1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring 17 Pts Pts Pts Pts Pts Pts Supply & Pts Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm +1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring	12	Supply and fixing of 1No. 6A Sockets with 6A Switch control for above Switch	20	Nos		Internal
14 Raw/UPS Power with Suitable Surface/MS boxes etc.Supply & Fixing 17 Nos UPS Wiring: Supply and wiring of Circuits for UPS power from UPS DB to individual Tables with suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 2.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Supply & 15 Viring 16 Secondary point The Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm +1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring 17 Nos 18 Pts 18 Pts 19 Pts 19 Pts 19 Pts 10 Pts 11 Pts	13	· · · · · · · · · · · · · · · · · · ·	222	Nos		
Supply and wiring of Circuits for UPS power from UPS DB to individual Tables with suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 2.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring 15 Secondary point Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm +1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Wiring 17 Pts Pts Pts Pts Pts Pts Pts Pt	14	11 7 0	17	Nos		
Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm +1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Supply & Wiring	15	Supply and wiring of Circuits for UPS power from UPS DB to individual Tables with suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 2.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Supply &	15	Pts		
tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm +1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Supply & Wiring	16	Secondary point	7	Pts		
18 Secondary point 7 Pts	17	tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm +1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Supply &	13	Pts		
	18	Secondary point	7	Pts		

SNO	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	EARTHING:				
19	Supply, fixing, testing & commissioning of earthing Earthpit with copper plate 600x600x3mm thick, 25x6mm copper flat, 40mm GI pipe, 100KG charcoal 100KG salt, funnel, mesh, cover etc. Digging depth up to 7	2	Nos		
20	Supply and fixing of 8SWG bare Copper wire with suitable PVC conduit required all materials etc.	50	Mts		
21	Supply and wiring of telephone points including wiring with 4 pair copper cable and suitable conduit, required all materials ect. & GI boxes with Telephone socket (RJ-11) with mounting box & front plate complete in all respect.		Nos		
22	Supply and wiring of Circuits for inputs with Suitable Size 2mm thick PVC Conduite and 4x6.0Sqmm+4.0Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. (LDB Input)	75	Mts		
	Supply and wiring of Circuits for Input with Suitable size 2mm thick PVC Conduite and 4x6.0Sqmm +4.0Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. (UPS input) Supply & Wiring	50	Mts		
24	Supplying, laying, testing & commissioning of 4 C X 25 sq.mm. at 1100 volts grade XLPE insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (AC DB + RAW POWER DB).	80	Mts		
	Supplying, laying, testing & commissioning of 4 C X 50 sq.mm. at 1100 volts grade XLPE insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (MAINS).	55	Mts		
26	MAIN INCOMING PANEL: (MCB/MCCB- Legrand/schneider/L&T Make)				
	SITC of Wall / Floor mountaing Type, dust and vermin proof main distribution board panel fabricated of 18swg (powder coated) cmprising of Busbar (each of RYB +N) copper 150 amp each, 125 Amp MCCB 4P adjustable 25 kA - 1no as incomer, Digital Panel Meter- 3 Phase VAF + PF Meter (L&T/Legrand). On load Generator change over 100 amp 4 p switch should be available in the panel with connection only for lighting and UPS control and R,Y, B Phase indicating lamps. (Provide labeling in Panel) including DANGER sign and necessary precautions, Earth Bus Bar 25x5mm GI Strip- 2 nos(At the bottom) & outgoing consting of:	1	Nos.		
	OUTGOING				
	1 nos of 40 A 4P MCB for Lighting DB				
	1 nos 40 A 4P MCB for ATM				
	1 nos 63 A 4P MCB for UPS Control				
	1 nos 63 A 4P MCB for AC Control				
	1 nos 40 A 4P MCB for RAW POWER Cntrol. Futur Provision also				
27	DISTRIBUTION BOARD(Double Door DBS)				
	Supplying, installing, testing & commissioning of surface/recessed mountings, Double door 415 volts TPN MCB distribution board of steel, 1.6 mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper bus bars, earth bar, common neutral link, din bar for mounting of MCB's detachable gland / knock out plate & with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and up to the terminal connectors/ neutral link and ready for installation of following ways as required.				
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc.& 'D' curve for UPSDB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B, C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.				
	Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.				

SNO	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
_	UPS DB's shall have a dedicated Earthing link fixed on insulated						
	supports,which will be in addition to body earth link.						
	All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed.						
А	6-way TPN DB (LIGHT DB): Incomer:- 1 No. 40 Amp TPN (10 KA) MCB with 3 No of 25 A DP RCCB (30 mA) each phase Outgoing:- 12 Nos.6/10 Amp (10 KA) SP MCB	2	No				
С	4-way TPN DB (Power DB) Incomer :- 1 No. 40 Amp TPN (10 KA) MCB with Outgoing :- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB	2	No				
D	6-way TPN DB (AC DB) Incomer :- 1 No. 63 Amp TPN (10 KA) MCB with 1 No of 63 A 4P RCCB (100 mA) Outgoing :- 9 Nos. 10/16/25/32 Amp (10 KA) DP MCB	2	No				
Е	12-way SPN DB with 1 Nos. 40 A (10 KA) DP MCB for incoming and 10 Nos. 10/16/25/32 Amp (10KA) SP MCB (For UPS Output - SDB)	2	No				
28	Supply & fixing of 3 Phase 63A Manual Phase Changeover Switch without OFF for UPS input. (L&T Make)	2	No				
29	Supplying and fixing FP sheet steel enclosure on surface/ recess along with 63 A 415 V "C" curve TPN MCB complete with connections, testing and commissioning etc. as required.	2	No				
30	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 40A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required FOR UPS INPUT		No				
	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 40A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required FOR UPS OUTPUT	2	No				
	LAN CABLING						
	Supply and Laying of 4Pair, UTP cat6E Lan Cable with Information outlet and Suitable 2mm Thick PVC Pipe Laying Below Flooring/Wall/Slab etc MS Junction Boxes to All Tables , Including all Related Civil Works etc All Cable Numbers to be Provided at both ends(systimax) Supply&fixing	36	Pts				
32	Supply of 7 feet Patch Cords. Supply&fixing	36	Nos				
33	Supply of 3 feet Patch Cords. Supply&fixing	36	Nos				
34	Supply of 24 patch panel Supply&fixing	4	Nos				
35	Supply & Fixing of 12U Rack	2	Nos				
36	Supply & Installation of rubber mats (Class-A) of 1000 mm x 2000mm & thickness of 10mm: 3.3 KV Voltage grade	2	Nos				
	Charges towards removal of existing wiring during civil/renovation work and giving temporary connections of light points, UPS, raw and Data supply to counters and cabins using extension boards from existing panel /server using existing old materials. Contractors has to arrange the materials at his own cost if any additional cables, switch boards are required at site for smooth functioning of Branch. cost Includes necessary modification in main panel for master switch & load balancing etc.	1	LS				
	TOTAL AMOUNT (Rs)						
	DISCOUNT						
	GRAND TOTAL AFTER DISCOUNT						
	AMOUNT IN Rs. GST 18% EXTRA				<u> </u>		
	GSI 10/0 EATRA						