ESTIMATE FOR ELECTRICAL WORKS AT: BRANCH AT CANARA BANK, TILAK NAGAR BRANCH & ATM					
S. NO.	DESCRIPTION OF ITEM	QTY	иом	RATE (Rs.) (Excl. GST)	AMOUNT (Rs.) (Excl. GST)
1	Making temporary connections and shifting of points all across the Branch and for workstations (Electrical, UPS and telephone) to enable smooth functioning of the branch during renovation all complete as per the instructions of Bank's Engineer/ Architect. Item to include supplying all wires, cables, conduits etc. for the same. Nothing extra shall be payable in this regard	1.00	Job		
2	SITC of 125 Amps, TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/ Bank's Engineer.	1.00	Set		
3	ELECTRICAL PANEL  Design, manufacture, providing, storing & installing in position, effecting proper connection, testing and commissioning of panel made of 16 SWG, CRCA sheet steel. It shall be dust and vermin proof. It shall have compartmentalized construction with bus bar chambers, cable alley, cable glands plate etc. as required, duly painted from inside as well outside. It shall have the following:  MAIN PANEL:  1 No.100 Amp. TPN, MCCB (25 KA breaking capacity),  Bus bars 100 Amp., 3 phase, 4 strips, 415 volts, 50 Hz. copper busbars with colour coded PVC heat shrinkable sleeves. There should be 2 sets of BUS BAR in such a way that AC load should not be connected to GENERATOR power.  100 Amp. Changeover Switch Instruments: Digital Multi function Meter of standard make for displaying Input Voltage, Ampere, Power factor, KWH used with CTs.	1.00	No.		
	OUTGOING:  2 Nos. 32 Amp. TP MCB (For LDB, PDB, Branch UPS, Inverter and Spare Feeder) from Generator Powered Bus.  3 Nos. 63 Amp. TP, MCB (For AC DB and Spare Feeders) from Non-Generator Powered Bus.  3 Nos. 32 AMP DP MCB. 3 Nos (for Glow Sign board, Strong Room, and spare feeder) from Generator Powered Bus.  The design of panel should be got approved by the Architect before manufacturing. Also, the provision for 1/2 spare outgoings should be considered for future expansion. The job shall be completed to the satisfaction of the Bank.				
4	UPS I/P, O/P AND DISTRIBUTION & INVERTER INPUT & DISTRIBUTION				
a.	SITC of 32/40 Amp. TPN MCB in encloser Double Door complete (Branch and Inverter Incomers) complete in all respects as required.	4.00	Nos.		
b.	SITC of 20/32 AMP Modular plug & socket along with MCB & plug top complete as per requirement and satisfaction of Bank. (2 for Branch's UPS Input, 2 for Branch's UPS Output)	4.00	Nos.		
c.	SITC of 12 WAY SPN Double Door DB complete with 1 No. 40 AMP DP MCB as incomer and 12 NOS. 6-10 AMP SPMCB as outgoing for Branch UPS power distribution to Computer points on Staff Counters / Tables.	2.00	No.		
d.	SITC of 8 WAY SPN Double Door DB complete with 1 No. 32 AMP DP MCB as incomer and 6 NOS. 6-10 AMP SPMCB as outgoing for UPS power distribution points for ESSENTIAL LOADS like CCTV System, Fire & Burglar Alarm Systems, Networking Rack, ATM and select Light points powered by UPS. Three way LED indicator lamps to be included with DB for power load, AC load adn UPS load to be located in front of CCTV camera.	1.00	No.		
5	RAW POWER & FAN, LIGHTING DB & AC DISTRIBUTION BOARD				
a.	SITC of 4 WAY HTPN DB IP43,lko9, complete with 1 No. 63 AMP TP MCB as incomer and 12 NOS. 6-32 AMP. SPMCB for out going as LDB, complete in all respect as required.	2.00	Nos.		
b.	SITC of 6 WAY HTPN DB IP43,lko9, complete with 1 No. 63 AMP TP MCB as incomer and 18 NOS.18/20 AMP. SPMCB for out going as PDB & AC DB complete in all respect as required.	2.00	Nos.		
6	CARLES				
	CABLES All cables / wires shall be routed through PVC conduits / bends / elbows etc., as required, of appropriate dia. The conduits shall be clamped firmly to the walls / columns / pillars etc. with clips / clamps and fasteners rigidly even if above false ceiling.				
	Complete job shall include cutting chiseling in walls, floor and making good of all chases / cuts etc. with combination of cement-mortar, including painiting with type and shade of existing wall. The work shall be completed to the satisfaction of Bank.  NO CABLE / WIRE / CONDUIT SHALL BE VISIBLE IN THE BRANCH HALL / CUSTOMER LOBBY / STAFF WORKING AREA.				
a.	SITC of 3.5 Core 50.0 Sq.mm Aluminium conductor Armoured Cable for service line connection up to Kit kat fuse unit complete in all respect as required.	29.00	Mtr.		
b.	SITC of 3.5 Core 35.0 Sq.mm Aluminium conductor Armoured Cable for service line connection up to Kit kat fuse/MCCB unit complete in all respect as required.	51.00	Mtr.		

STIC of 4 core 9.0 Sq.mm Cooper conductor Unamourued Cable from main Panal to 1.0 LDB  (iii) LDB  (iv) Darsch UPS input power supply.  Note: In case inverter is present at the branch, the wiring from LDB should be with 2.6.6 11.2.5 sq.mm wiring mentioned below and not with 4 core 6.0 Sq.mm Cable core 6					
Common to Position (1) Provided (1) Provid		Panel to (a) LDB	42.00	N.44	
d. Multistrand Copper conductor wire from selector switch to UPS to UPS 54.00 Mtr.  SITC of 4 ore 10.0 Sq.mm Copper conductor Unamoured Cable from main in Planel Non Generator power Bus to 10.00 Mtr.  SITC of 5 sub main Wiring for Strong room, Single Phase AC and Glow Sign of Search Wiring for Strong room, Single Phase AC and Glow Sign of Search Wiring for Strong room, Single Phase AC and Glow Sign of Search Wiring for Strong room, Single Phase AC and Glow Sign of Search Wiring for Strong room, Single Phase AC and Glow Sign of Search Wiring W	C.	Note: In case inverter is present at the branch, the wiring from LDB should be with 2x6.0+1x2.5 sqmm wiring mentioned below and not with 4 core 6.0 Sq.mm Cable	42.00	iviu .	
e. Parel / Non Generator power Bus to 41.00 Mfr. (a) ACDB (b) Inverter STC of Sub main Wiring for Strong room, Single Phase AC and Glow Sign Food with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm Multist and Coppet STC of Sub main Wiring for Strong room, Single Phase AC and Glow Sign Back Strong of Strong of 10.0 Sq.mm and 1 No. 2.5 Sq.mm Multist and Coppet in Strong of Strong of 10.0 Sq.mm and 1 no. of 2.5 Sq.mm FIRLS PVC Insulated Multistrand Copper conductor wire from selector switch to inverter Multistrand Copper or southcoor wire from selector switch to inverter No. STC of 2C x 2.5 Sq.mm copper acrit wire from 5 way DB to network rack.  STC of 2C x 2.5 Sq.mm copper wire from main panel to 3 way LED indicator The STC of AC Point Wiring with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 10 files Amp Multistrand Copper Wire & Modular plug & Socket with 10 files Amp Multistrand Copper Wire & Modular plug & Socket with 10 files Amp Multistrand Copper Wire & Modular plug & Socket with 2 No. 2.5 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 2 No. 2.5 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 2 No. 8.7 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 2 No. 8.7 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 2 No. 8.7 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 2 No. 8.7 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 2 No. 8.7 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 2 No. 8.7 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 2 No. 8.7 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 2 No. 8.7 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 2 No. 8.7 Mills with 10 Sq. 9 mm Multistrand Copper Wire & Modular plug & Socket with 2 No. 8.7 Mills wire wire wire wire wire wire wire wire	d.	Multistrand Copper conductor wire from selector switch to UPS to UPS Distribution boards	54.00	Mtr.	
grant with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper conductor FR pvv /z bpe installed Wire in required dia pvc conductor FR pvv /z bpe installed Wire in required dia pvc conductor may be formation of the conductor of the conductor wire from selector switch to inverter with Multistrand Copper conductor wire from selector switch to inverter with the conductor of the conductor wire from selector switch to inverter with the conductor of the conductor wire from selector switch to inverter with the conductor of the conductor wire from selector switch to inverter with the conductor of the conductor wire from main panel to 3 way LED indicator 69.00 Mtr.  7. AC (Spitt and Cassette) POINT  SITC of AC Point Wiring with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 1016/25 Amp. SPMC6 complete in all respect as required by the Barik (for 1.0 f. 5 fr He) and the conductor of conductor as per requiremental panels with the conductor of conductor as per requiremental panels with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 20 Amp. SPMC6 complete in all respect as required by the Barik (for 1.0 Fr Hi-Wall Spitt Consented Cassette ACs)  8. EARTHING  8. EARTHING  Preparation and commissioning of earth pits with PIP technology GEL type Sprantal or and commissioning of earth pits with PIP technology GEL type Sprantal Cassette ACs)  9. USB POINT  Supply & installation of point wiring for UPS or stabilized power plug points on windstand copper conductor FR pvc ALPE insulated cable in required dia pvc 125.00 Mtr. conductor complete in all respects as required to the provision of the complete in all respects as required in the conductor wire with independent 1-4.0 sq.mm earth wire from D.B. to first point (Primary Point Conductor Wire and 1-2.5 sq.mm environmental to point wire for UPS or stabilized power plug points on workstations / table for computers using 3 X1.5 Sq.mm copper conductor with a standard power point (Primary Point Condu	e.	Panel / Non Generator power Bus to (a) AC DB (b) Inverter	41.00	Mtr.	
Millistrand Copper conductor wire from selector switch to inverter  NSTC of ZO x 2.5 S,mm copper earth wire from 6 way DB to network rack.  I SITC of ZO x 15 K,mm copper wire from main panel to 3 way LED Indicator  AC (Split and Cassette) POINT  SITC of AC Point Wiring with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm Millistrand Copper Wire & Modular plug & Socket with 10/16/25 Amp.  SPMCB complete in all respect as required by the Bank (for 1.0 1 / 1.5 Tr. Hi-3.00  Nos.  SITC of AC Point Wiring with 2 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm Millistrand Copper Wire & Modular plug & Socket with 10/16/25 Amp.  SITC of AC Point Wiring with 2 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm Millistrand Copper Wire & Modular plug & Socket with 20 Amp. SPMCB  SITC of AC Point Wiring with 2 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm Millistrand Copper Wire & Modular plug & Socket with 20 Amp. SPMCB  SITC of AC Point Wiring with 2 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm Millistrand Copper wire & Modular plug & Socket with 20 Amp. SPMCB  Sassette ACs)  8 EARTHING  Preparation and commissioning of earth pits with PIP technology GEL type 3.5 Smmda 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS.)  By Cassette ACs.  SITC of Earthing conductor from earth terminal to load point with 6.0 sq.mm millistrand copper conductor FR pvc (AIPE insulated cable in required dia pvc conduit complete in all respect as required.  9 USP POINT  Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3 X1.5 Sq.mm copper conductor multi stand FR PVC sheathed flexible wire including PVC conduite laid floor raceways/conduit and taken upto table bug unity PVC gold reflexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase inclading proper point pvc wire dispersed to the bug wire in the providing and fixing of a dual socket combination of 1 no. 16 Amp 6 -pin socket with 12.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of sutubles size. Each power p	f	Board with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper conductor FR pvc/ xlpe insulated Wire in required dia pvc conduit complete in	70.00	Mtr.	
In CCTV Fire alarm etc.  I SITC of 2C x 1 Sq mm copper wire from main panel to 3 way LED indicator 69.00 Mtr.  7 AC (Split and Cassette) POINT  SITC of AC Point Wiring with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm  Multistrand Copper Wire & Modular plug & Socket with 10/16/25 Amp.  3. SPMCB complete in all respect as required by the Bank (for 1.0 / 1.5 Tr. Hi-3.00 Nos.  SITC of AC Point Wiring with 2 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm  Multistrand Copper Wire & Modular plug & Socket with 10/16/25 Amp.  B. SITC of AC Point Wiring with 2 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm  Multistrand Copper Wire & Modular plug & Socket with 20 Amp. SPMCB  SITC of AC Point Wiring with 2 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm  Multistrand Copper Wire & Modular plug & Socket with 20 Amp. SPMCB  Somplete in all respect as required by the Bank (for 2.0 Tr Hi-Wall Split / Cassette Acis)  8 EARTHING  Preparation and commissioning of earth plts with PIP technology GEL type  a. Sommdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS.  B. Simmdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS.  B. Simmdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS.  B. Simmdia 3000mm long earth electrod in the simmon of the simmon of the simmon of the simmon oper conductor from earth terminal to load point with 6.0 sq.mm  b. multistrand copper conductor FR pvo /NLPE insulated cable in required dia pvc  17.00 Nos.  Supply & Installation of point wiring for UPS or stabilized power plug points on workstatons / table for computers using 3 X1.5 Sq.mm copper conductor multi starm of FR PVC shaethed feable wire including PVC conduite laid floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Earth point consisting of 1 No. Phase indication light, 3 Nos 6A, 350 pin sockets & wired together forming one point. The earth wire of green color only.  10 RAW POWER POINT  Same as serial no 1, but providing power point by using 2°4.00 sq.mm. PVC insulated wire sour	g		42.00	Mtr.	
7 AC (Split and Cassette ) POINT  SITC of AC Point Wiring with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 101/6125 Amp.  Wall Split ACs) the wiring shall be done form DB to indoor or outdoor as per requirement at site  SITC of AC Foint Wiring with 2 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 20 Amp. SPMCB D. Complete in all respect as required by the Bank (for 2.0 Tr H-Wall Split / Cassette ACs).  8 EARTHING  Preparation and commissioning of earth pits with PIP technology GEL type Sommal 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS. Earnet DPS and main panel  SITC of Earthing conductor from earth terminal to load point with 6.0 sq mm multistrand copper conductor FR pvc XLPE insulated cable in required dia pvc conduit complete in all respect as required.  9 UPS POINT  Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3 X1.5 Sq.mm copper conductor multi standr AF PVC sheathed floxible were including PVC conduits land floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits un within wooden/metal partitions. Each point consisting of 1 No. Phase indication light. Alos 6A, 56 pin sockets & wired together forming one point.  10 RAW POWER POINT  Same as serial no.1 but providing power point by using 2*4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire form D.B. to first point (Christing) of 1 No. Phase indication light. Alos 6A, 56 pin sockets & wired together forming one point.  10 RAW POWER POINT  Same as serial no.1 but providing power point by using 2*4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire form D.B. to first point (Pinnary of Secondary) must include providing and fixing of adual socket combination of 1 no. 16 Amp E-pin socket with 1 SAmp. switch. The switches should be Modular type switch / socket /	h	1 '''	68.00	Mtr.	
SITC of AC Point Wiring with 2 No. 4.0 Samm and 1 No. 2.5 Samm Multistrand Copper Wire & Modular plug & Socket with 10/16/25 Amp.  a. SPMCB complete in all respect as required by the Bank (for 1.0 / 1.5 Tr Hi-3.00 Nos. PMCB complete in all respect as required by the Bank (for 1.0 / 1.5 Tr Hi-3.00 Nos. PMCB complete in all respect as required by the Bank (for 1.0 / 1.5 Tr Hi-3.00 Nos. PMCB SITC of AC Point Wiring with 2 No. 6.0 Samm and 1 No. 2.5 Samm Multistrand Copper Wire & Modular plug & Socket with 20 Amp. SPMCB complete in all respect as required by the Bank (for 2.0 Tr Hi-Wall Spit / 5.00 Nos. Cassette ACs)  8 EARTHING  Preparation and commissioning of earth pits with PIP technology GEL type a. Sommdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS.  B. SITC of Earthing conductor from earth terminal to load point with 6.0 sq mm multstrand copper conductor FR pvc XL/PE insulated cable in required dia pvc toxinduction conduit complete in all respect as required.  9 UPS POINT  Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3.41.5 Sq mm copper conductor multistand FR PVC sheathed flexible wire including PVC conduite laid floor raceway-conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase Indication light,3 Nos 6A, 56 pin sockets & wired together forming one point.  The earth wire of green color only.  RAW POWER POINT  Same as serial no.1 but providing power point by using 2*4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire from DB. to first point (Primary or Secondary) must include providing and fixing of adual socket combination of 1 no. 16 Amp E-pin socket with 16 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete assembly).  There shall be a maximum of 2 points per circuit NoT: The power point (Primary or Secondary) must include providing and	i	SITC of 2C x 1 Sq mm copper wire from main panel to 3 way LED indicator	69.00	Mtr.	
SITC of AC Point Wiring with 2 No. 4.0 Samm and 1 No. 2.5 Samm Multistrand Copper Wire & Modular plug & Socket with 10/16/25 Amp.  a. SPMCB complete in all respect as required by the Bank (for 1.0 / 1.5 Tr Hi-3.00 Nos. PMCB complete in all respect as required by the Bank (for 1.0 / 1.5 Tr Hi-3.00 Nos. PMCB complete in all respect as required by the Bank (for 1.0 / 1.5 Tr Hi-3.00 Nos. PMCB SITC of AC Point Wiring with 2 No. 6.0 Samm and 1 No. 2.5 Samm Multistrand Copper Wire & Modular plug & Socket with 20 Amp. SPMCB complete in all respect as required by the Bank (for 2.0 Tr Hi-Wall Spit / 5.00 Nos. Cassette ACs)  8 EARTHING  Preparation and commissioning of earth pits with PIP technology GEL type a. Sommdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS.  B. SITC of Earthing conductor from earth terminal to load point with 6.0 sq mm multstrand copper conductor FR pvc XL/PE insulated cable in required dia pvc toxinduction conduit complete in all respect as required.  9 UPS POINT  Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3.41.5 Sq mm copper conductor multistand FR PVC sheathed flexible wire including PVC conduite laid floor raceway-conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase Indication light,3 Nos 6A, 56 pin sockets & wired together forming one point.  The earth wire of green color only.  RAW POWER POINT  Same as serial no.1 but providing power point by using 2*4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire from DB. to first point (Primary or Secondary) must include providing and fixing of adual socket combination of 1 no. 16 Amp E-pin socket with 16 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete assembly).  There shall be a maximum of 2 points per circuit NoT: The power point (Primary or Secondary) must include providing and	7	AC (Split and Cassette ) POINT			
b. dullistrand Copper Wire & Modular plug & Socket with 20 Amp. SPMCB compete in all respect as required by the Bank (for 2.0 Tr Hi-Wall Split / Cassette ACs)  8 EARTHING  Preparation and commissioning of earth pits with PIP technology GEL type a. Sommdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS, Branch UPS and main panel  5 Sommdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS, Branch UPS and main panel  5 SITC of Earthing conductor from earth terminal to load point with 6.0 sq mm bunulstrand copper conductor FR pvc (KLPE insulated cable in required dia pvc conduit complete in all respect as required.  9 UPS POINT  Supply & Installation of point wiring for UPS or stabilized power plug points on workstations? I table for computers using 3 X1.5 Sq.mm copper conductor multi starnd FR PVC sheathed flexible wire including PVC conduite laid floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase Indication light,3 Nos 64, 5/6 pin sockets & wired together forming one point. The earth wire of green color only.  10 RAW POWER POINT  Same as serial no 1, but providing power point by using 2*4.00 sg.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire from D.B. for first point (Primary Point), and first to second point with 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and 1*2.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of sultable size. Each power point (Primary Point) and first to second point with 16 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete assembly).  There shall be a maximum of 2 points per circuit  NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.  Primary Point  Supply & Installation of concealed p		SITC of AC Point Wiring with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 10/16/25 Amp. SPMCB complete in all respect as required by the Bank (for 1.0 / 1.5 Tr Hi-Wall Split ACs) The wiring shall be done form DB to indoor or outdoor as per requirement at site	3.00	Nos.	
Preparation and commissioning of earth pits with PIP technology GEL type 50mmdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS. 2.00 Nos. Branch UPS and main panel  BITC of Earthing conductor from earth terminal to load point with 6.0 sq mm b. multistrand copper conductor FR pvc /KLPE insulated cable in required dia pvc 125.00 Mtr. conduit complete in all respect as required.  9 UPS POINT  Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3 X1.5 Sq.mm copper conductor multi starm FR PVC sheathed flexible wire including PVC conduite laid floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase Indication light,3 Nos 6A, 5/6 pin sockets & wired together forming one point. The earth wire of green color only.  10 RAW POWER POINT  Same as serial no.1, but providing power point by using 2'4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1'4.0 sq.mm earth wire from D.B. to first point (Primary Point) and first to second point with 2'2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and 1'2.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of suitable size. Each power point (Primary Foint) and first to second point with 16 Amp. switch & 1 no. 6 Amp 5-pin socket with 6 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete assembly).  There shall be a maximum of 2 points per circuit  NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.  Primary Point  Secondary Point  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R.Y.B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2.5	b.	Multistrand Copper Wire & Modular plug & Socket with 20 Amp. SPMCB complete in all respect as required by the Bank (for 2.0 Tr Hi-Wall Split /	5.00	Nos.	
a. Sommidia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS, Branch UPS and main panel  SITC of Earthing conductor from earth terminal to load point with 6.0 sq mm b. multstrand copper conductor FR pvc /XLPE insulated cable in required dia pvc conduit complete in all respect as required.  9 UPS POINT  Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3 X1.5 Sq.mm copper conductor multi starmd FR PVC sheathed flexible wire including PVC conduit le laid floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase Indication light, 3 Nos 64, 5/6 pin sockets & wired together forming one point. The earth wire of green color only.  10 RAW POWER POINT  Same as serial no 1, but providing power point by using 2*4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire from D.B. to first point (Primary Point) and first to second point with 2*2.5 sq.mm. PVC insulated 100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire (Secondary Point). All wiring is to be provided in PVC conduit of suitable size. Each power point (Primary Point) and first to second point with 12.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of suitable size. Each power point (Primary or Secondary) must include providing and fixing of a dual socket combination of 1 no. 16 Amp 6 –pin socket with 16 Amp, switch. The switches should be Modular type switch / socket / plate etc. complete assembly).  There shall be a maximum of 2 points per circuit  NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.  Primary Point  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R.Y.	8	EARTHING			
b. multstrand copper conductor FR pvc /XLPE insulated cable in required dia pvc conduit complete in all respect as required.  9 UPS POINT  Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3 X1.5 Sq.mm copper conductor multi starnd FR PVC sheathed flexible wire including PVC conduite laid floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase Indication light, 3 Nos 6A, 5/6 pin sockets & wired together forming one point.  The earth wire of green color only.  10 RAW POWER POINT  Same as serial no.1, but providing power point by using 2'4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1'4.0 sq.mm earth wire from D.B. to first point (Primary Point) and first to second point with 2'2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and 1'2.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of suitable size. Each power point (Primary or Secondary) must include providing and fixing of a dual socket combination of 1 no. 16 Amp 6-pin socket with 16 Amp. switch & 1 no. 6 Amp 5-pin socket with 6 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete assembly).  There shall be a maximum of 2 points per circuit  NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.  Primary Point  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.	a.	Preparation and commissioning of earth pits with PIP technology GEL type 50mmdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS,	2.00	Nos.	
Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3 X1.5 Sq.mm copper conductor multi starmd FR PVC sheathed fiexbibe wire including PVC conduite laid floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase Indication light, 3 Nos 6A , 5/6 pin sockets & wired together forming one point. The earth wire of green color only.  10 RAW POWER POINT  Same as serial no.1, but providing power point by using 2*4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire from D.B. to first point (Primary Point) and first to second point with 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and 1*2.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of suitable size. Each power point (Primary or Secondary) must include providing and fixing of a dual socket combination of 1 no. 16 Amp 6 –pin socket with 16 Amp. switch & 1 no. 6 Amp 5-pin socket with 6 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete assembly).  There shall be a maximum of 2 points per circuit  NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.  Primary Point  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R.Y.B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.	b.	multstrand copper conductor FR pvc /XLPE insulated cable in required dia pvc	125.00	Mtr.	
Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3 X1.5 Sq.mm copper conductor multi starmd FR PVC sheathed fiexbibe wire including PVC conduite laid floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase Indication light, 3 Nos 6A , 5/6 pin sockets & wired together forming one point. The earth wire of green color only.  10 RAW POWER POINT  Same as serial no.1, but providing power point by using 2*4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire from D.B. to first point (Primary Point) and first to second point with 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and 1*2.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of suitable size. Each power point (Primary or Secondary) must include providing and fixing of a dual socket combination of 1 no. 16 Amp 6 –pin socket with 16 Amp. switch & 1 no. 6 Amp 5-pin socket with 6 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete assembly).  There shall be a maximum of 2 points per circuit  NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.  Primary Point  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R.Y.B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.	9	LIPS POINT	17.00	Nos	
starnd FR PVC sheathed flexible wire including PVC conduite laid floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase Indication light,3 Nos 6A, 5/6 pin sockets & wired together forming one point. The earth wire of green color only.  10 RAW POWER POINT  Same as serial no.1, but providing power point by using 2*4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire from D.B. to first point (Primary Point) and first to second point with 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and 1*2.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of suitable size. Each power point (Primary or Secondary) must include providing and fixing of a dual socket combination of 1 no. 16 Amp 6 –pin socket with 16 Amp. switch & 1 no. 6 Amp 5-pin socket with 6 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete assembly).  There shall be a maximum of 2 points per circuit  NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.  Primary Point  Secondary Point  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.		Supply & Installation of point wiring for UPS or stabilized power plug points on			
Same as serial no.1, but providing power point by using 2*4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire from D.B. to first point (Primary Point) and first to second point with 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and 1*2.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of suitable size. Each power point (Primary or Secondary) must include providing and fixing of a dual socket combination of 1 no. 16 Amp 6-pin socket with 16 Amp. switch & 1 no. 6 Amp 5-pin socket with 6 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete assembly).  There shall be a maximum of 2 points per circuit  NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.  Primary Point  Secondary Point  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2 Nos. 2.5 sqmm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.		starnd FR PVC sheathed flexible wire including PVC conduite laid floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase Indication light, 3 Nos 6A, 5/6 pin sockets & wired together forming one point.			
Same as serial no.1, but providing power point by using 2*4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire from D.B. to first point (Primary Point) and first to second point with 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and 1*2.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of suitable size. Each power point (Primary or Secondary) must include providing and fixing of a dual socket combination of 1 no. 16 Amp 6-pin socket with 16 Amp. switch & 1 no. 6 Amp 5-pin socket with 6 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete assembly).  There shall be a maximum of 2 points per circuit  NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.  Primary Point  Secondary Point  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2 Nos. 2.5 sqmm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.	10	RAW POWER POINT			
There shall be a maximum of 2 points per circuit  NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.  Primary Point  8.00 Nos.  Secondary Point  8.00 Nos.  11 LIGHT/FAN POINT  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2 Nos. 2.5 sqmm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.		insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire from D.B. to first point (Primary Point) and first to second point with 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and 1*2.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of suitable size. Each power point (Primary or Secondary) must include providing and fixing of a dual socket combination of 1 no. 16 Amp 6-pin socket with 16 Amp. switch & 1 no. 6 Amp 5-pin socket with 6 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete			
NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.  Primary Point  8.00 Nos.  Secondary Point  8.00 Nos.  11 LIGHT/FAN POINT  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2 Nos. 2.5 sqmm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.		**			 
Secondary Point  LIGHT/FAN POINT  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2 Nos. 2.5 sqmm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.		low ht. / full ht. partition above the tables / counters at a suitable place to			
11 LIGHT/FAN POINT  Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2 Nos. 2.5 sqmm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.					
Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2 Nos. 2.5 sqmm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.		Soonaary i Onic	0.00	1105.	
copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2 Nos. 2.5 sqmm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.	11	LIGHT/FAN POINT			
a. One light points controlled by one 6 amp. Modular switch. 36.00 Nos.		copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2 Nos. 2.5 sqmm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.			
	a.	One light points controlled by one 6 amp. Modular switch.	36.00	Nos.	

b.	Two light points controlled by one 6 amp. Modular switch. (Cost shall include wiring of the first point from the switch board and then	36.00	Nos.		
	looping from the first point to the second point)  Three light points controlled by one 6 amp. Modular switch.  (Cost shall include wiring of the first point from the switch board, then looping				
	from the first point to the second point & further looping from the second point to the third point)	5.00	Nos.		
	Calling Fan Daint in shalling the cast of CA Called along with 5 atom all atmosphere				
c.	Ceiling Fan Point including the cost of 6A Switch along with 5 step electronic fan regulator.	10.00	Nos.		
d.	Wall Fan Point along with 6 AMP switch	14.00	Nos.		
e. f.	Exhaust Fan Point along with 6 AMP switch  Call Bell Point	3.00 1.00	Nos.		
<u> </u>	Call Bell Follik	1.00	1105.		
13	VOICE NETWORKING				
	Wiring for Telephone / Intercom System from Tag Block to workstations /				
	Tables / counters / outlets with 2 pair Telephone cable including providing				
1.1	ferrules at both ends and termination at both ends including providing & fixing frame for RJ11 socket with shutter, RJ11 outlet, faceplate and mounting box	6.00	Nos.		
	complete of modular type. This work includes providing PVC conduits in				
	chases from the tag block to the individual point.				
	Supplying, laying, effecting terminations, testing and commissioning of				
1.2	0.51mm dia Cu. Conductor, twisted, colour coded with polythene capor				
1.2	barrier, telephone cables in the existing tray or in conduit including providing &fixing conduit pipe or cable tray as required from building tag block to the				
L	floor as required.				
a)	Supplying & fixing 20 pair krone tag block with enclosure.	1.00	Nos.		
b)	P/L 20 Pair of PVC insulated PVC sheathed multi core jelly filled armored telephone Cable	72.00	Mtrs.		
	ICHOPHONIC CODIC				
14	FIXTURES				
	Supplying, installation with hanging support , testing and commissioning of				
1	following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-				
	in-charge.(all Commercial LED Light Fixures should be covered with minimum				
	3 Years onsite replacement warranty)				
a.	FULL GLOW 2X2 LED 36W Ultra slim Smart Panel complete with driver of	18.00	Nos.		
	make As specified in tender document or approved by bank LED 18/20 watt Tube Light with all accessories make As specified in tender				1
b.	document or approved by ARCHITECT OR BANK	18.00	Nos.		
c.	supplying , fixing ,testing and commissioning of 15 W LED commercial type down lighter of make As specified in tender document or approved by ARCHITECT OR BANK	41.00	Nos.		
d.	Wall mounted fans 400 mm dia. make as specified in tender document or approved by ARCHITECT OR BANK	14.00	Nos.		
	Supply &fixing of Ceiling fans 1200 mm double ball bearing make As specified	40.00	NI		
e.	in tender document or approved by ARCHITECT OR BANK with required down rod and hanging arrangement	10.00	Nos.		
	Supply & fixing of 230 mm exhaust fan 'Ventilair DX W' with self closing				
f.	louvers and plastic body with all accessories etc. complete of make As	3.00	Nos.		
g.	specified in tender document or approved by ARCHITECT OR BANK SITC of Call Bell.	1.00	No.		
	Angle holder complete in all respect with 18W CFL lamp (for Toilet and Strong				
f.	room )	3.00	Nos.		1
	TOTAL FOR ELECTRICAL WORKS (EXCLUDING GST)	1			
	Discount If any (Only on Excluding GST amount only)				
A	Net Amount (After Discount if any - Excluding GST) (Discount if any shall be given				
	on Amount in Sub part (A -Excluding GST) Not on sub part	t (C)).			
	GST as extra as applicable (For ELECTRICAL works) - By	Bank			
	Buyback Amount for Old/Unused Items (Credit to Bank) (EXCLU				
	The work includes giving credit to Bank towards the existing old & unusable items including Electrical Fittings & Fixtures, Old Wires & Cables, MCBs, DBs, Electrical Panel, etc. after carefully dismantalling and thereafter disposal of the same from the Branch site. No additional amount shall to paid for dismantalling, transportation, etc.				
В					
-					
	works.				
L	GST as extra as applicable (For Buy back) - By Vendo				
С	GRAND TOTAL {Electrical Work Amount less Buyback Amount} [A - B] (EXCLUDING GST)				
	GST as extra as applicable				
	1				