

Sl. No	Description	UOM	Qty.
1	Supply ,installation ,testing and commissioning of <b>Main DB</b> :- VTPN DB – IP 43-IK 09 - approved make) comprising of 160 A 4P MCCB of breaking capacity 35KA at incoming and 63 A TPMCB (for ESDB), 63 A TP MCB (for AC DB) , 63 A TPMCB (for capacitor panel) & 3 no. 32A SPMCBs for (spare, outdoor lighting etc) at outgoing with inter connection in PVC insulated color coded wire in PVC conduit cable socket including loop earth connection to earth bus bars etc. all complete including mending good the damage and painting. The MCCB should have adjustable overload setting With load/line interchangeability with thermo magnetic /static release.	No.s	1
2	Supply, installation, testing & commissioning of 6 stage Automatic Power Factor Control Panel (APFC Panel) of 15 KVAR capacity (5+5+5+2+2+1 KVAR capacitors) as below: 63 A 4P MCB as incomer., Three Pole MCBs and Heavy duty contactors for outgoing 40 A for 5 KVAR, & 16 A for 2 KVAR & 1 KVAR. Necessary APFC Relay, power and control wiring with 1.1 KV grade copper wire suitably rated and sensing CT as required + individual push button for ON & OFF operation, and auto / manual switch etc as required / instructed	No.s	1
3	Supply ,installation ,testing and commissioning of <b>Essential services DB</b> :- VTPN DB (MCB incomer type) IP 43, IK 09 - approved make comprising of 63 A 4P MCB at incoming and 1 No. 40 A TPMCB (for light & raw power db), 3 no. 40 A SPMCB for 5 kVA UPS incomer & and 1 no. 32 A TPMCB for ATM room at outgoing with inter connection in PVC insulated color coded wire in PVC conduit cable socket including loop earth connection to earth bus bars etc. all complete including mending good the damage and painting.	No.s	1
4	Supply ,installation ,testing and commissioning of <b>AC DB</b> :- TPN DB – IP 43-IK 09 - approved make comprising of 63 A 4P MCB at incoming and 6 no. 32 A SPMCBs and 3 no. 25 A SPMCBs at outgoing with inter connection in PVC insulated color coded wire in PVC conduit cable socket including loop earth connection to earth bus bars etc. all complete including mending good the damage and painting.	No.s	1
5	supply, installation, testing and commissioning of 7 segment DB with 40 A 4P MCB as incomer, 3 no. 40 A RCCB each at one phase, 24 no. 25 A SPMCBs at out going <b>LIGHT AND RAW POWER DB</b>	No.s	1
	Supply, installation, testing and commissioning of SPN Dcouple door DB with 40 A DP MCB, 40 A DP RCCB and incoming and 8 no. 25 A SPMCBs at out going for <b>OUTDOOR LIGHTING</b>	No.s	1
6	Supply, installation, testing and commissioning of <b>UPS incomer &amp; out going DBs</b> : DP MCB box with 40 A DPMCB	No.s	4
	Supply, installation, testing and commissioning of <b>UPS incomer &amp; out going DBs</b> : DP MCB box with 25 A DPMCB	No.s	4
7	<b>UPS Computer DB</b> , SPN double door with 40A DP MCB as incomer & 10 nos 16A SP MCB as outgoing.	No.s	1
	<b>UPS Computer DB for CCTV, fire alarm, Netowrking Rack</b> , SPN double door with 40A DP MCB as incomer & 6 nos 16A SP MCB as outgoing.	No.s	1

8	Supply, installation, testing and commissioning of 32 A DP MCB in suitable DP MCB Box	No.s	6
9	Supply, installation, testing and commissioning of 25 A DP MCB in suitable DP MCB Box	No.s	3
10	Supply, installation, testing & commissioning of 63 A 4PMCB in suitable DP Box for master control of AC DB at entrance	No.s	1
11	Supply, installation, testing & commissioning of 63 A 4PMCB in suitable DP Box for master control of lighting DB at entrance	No.s	1
12	supply, installation, testing and commissioning of TPN double door DB with 32 A 4PMCB as incomer and 4 no. 16 A SPMCBs (for lighting circuits, UPS incomer), 1 no. 25 A SPMCB (for AC circuit, glow sign board)	No.s	1
13	<b>AC point wiring:</b> Wiring in PVC conduit of IS specification of Proper size with core PVC insulated stranded copper wire 1.1 KV grade and with all materials supply ,installation connection complete as per circuit diagram and as required from ESDB to AC points at BM / Server room with 3 no. 4 sq. mm (P, N & E)	RM	300
14	<b>Sub-main line Wiring:</b> Wiring in PVC conduit of IS specification of Proper size with core PVC insulated stranded copper wire 1.1 KV grade and with all materials supply ,installation connection complete as per circuit diagram and as required from main DB to various DBs: <b>With 3nos 6sq.mm (P, N &amp; E)</b>	RM	50
16	<b>Sub-main line Wiring:</b> Wiring in PVC conduit of IS specification of Proper size with core PVC insulated stranded copper wire 1.1 KV grade and with all materials supply ,installation connection complete as per circuit diagram and as required from main DB to various DBs: <b>With 5nos 6sq.mm (P, N &amp; E)</b>	RM	100
17	<b>Cabling:</b> Supply and laying of following sizes of PVC/XLPE insulated and PVC sheathed 1.1 kV grade aluminum conductor LT armoured UG cable laid in ground/partially in air including excavation of cable trench upto depth of 75 cm. Refilling, protective brick covering, sand cushioning etc. complete handling of surplus soil, debris etc. to proper place as well as fixing to the walls with saddles, cable glands for connecting to the panels and appropriate end termination with copper lugs and providing of 2 nos. of 8 SWG GI wires as specified and directed by the department 3.5 core X 25 sqmm	RM	35
18	<b>Cabling:</b> same as above <b>4 core X 16 sq. m</b>	RM	85

19 A	<p><b>Computer point wiring</b> in PVC conduit of IS specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade and with all material supply installation and commissioning complete from CDB/PDB(Raw) .The wiring shall be carried out on surface above false ceiling and concealed in the wall by chiseling the existing surface and plastering the same with cement etc. after fixing the pvc conduit with all accessories like saddles screws, bends T-joint etc. 2 coats of painting Matching to the surface including supply installing, testing, commissioning of modular plate type switch and socket for computer terminal on sheet steel enclosure (cadmium plated),duly fitted with screw to the steel conduit and fixed to the wall partition furniture with all interconnection and proper earthing .All the opening shall be covered with blank plate and be sealed to make the box vermin proof.</p> <p><b>UPS point for SWC &amp; branch Manager table: 4 no. 6A sockets fixed below the table, to be controlled by one no. 16 A modular DP switch above the table / counter.</b> The boxes are to be fixed on the partitions by suitably chiseling / cutting, making good the damage.</p>	Set	7
19 B	<p><b>Same as above UPS point for work stations: 3 no. 6A sockets fixed below the table, to be controlled by one no. 16 A modular DP switch above the table / counter.</b> The boxes are to be fixed on the partitions by suitably chiseling / cutting, making good the damage.</p>	Set	2
19 C	<p><b>Same as above Raw power point for SWC and other work stations: 2 no. 6A sockets fixed below the table to be controlled by one no. 16 A modular switch above the table / counter.</b> The boxes are to be fixed on the partitions by suitably chiseling / cutting, making good the damage.</p>	Set	18
19 D	<p><b>Same as above Raw power point: 1 no. 6 / 16 A controlled by 16 A switch.</b> The boxes are to be fixed on the partitions by suitably chiseling / cutting, making good the damage.</p>	Set	4
20	<p><b>General Wiring</b> for light/fan/exhaust fan points using 3 X 1.5 1.1 kV grade PVC insulated stranded copper conductor wire for phase, neutral and earth in 25 mm dia heavy duty PVC conduit along with associated accessories like MS junction boxes, bends, saddles, screws etc. concealed in wall, floor, under flooring, below false ceiling or on surface as well as suspended from ceiling with 25mm X 3 mm MS flat suspenders duly painted above false ceiling from individual light/Fan/Exhaust Fan point outlet. etc. to individual modular type switch boards, 6 Amp modular plate type switches etc., as required complete including circuit wiring with 3 X 2.5 sqmm. 1.1 kV grade PVC insulated stranded copper conductor wire and mending good to damage and as per site requirement and as instructed by engineer. All the opening shall be covered with blank plate and be sealed to make the box vermin proof.</p>		
A	Wiring for 2 no. of lights controlled by one switch	Set	24.00
B	Wiring for 1 no. of lights by one switch.	Set	60.00
C	Wiring for Wall bracket fans / exhaust fan controlled by 6A switch at switch board and 1 no. 6 A socket in MS box at ceiling level.	Set	13.00
D	Wiring for Ceiling fans with electronic regulators	Set	6.00
E	Wiring for 6 A light plug controlled by 6 A switch on the same switch board	Set	12
F	Wiring for Call bell point for Branch Manager chamber along with the supply of call bell	Set	1.00
G	Wiring for glow sign board	Set	3.00

21	Supply, installation, testing and commissioning of 1.1 kV grade 2.5 sq. mm flexible copper cable 3 meter length connected at one end with 15 A three pin socket and other end connected permanently to the switch board of safe room / locker room	Set	4
22	<b>Earth Stations:</b> Supply, installing and commissioning of earth station including digging and refilling back the pit with black soil and with 3mm x 600mm X 600 mm size copper plate duly tinned through out the surface of the plate, placed at least 1.5Mtr,below the ground level with 25 X 3 flat Cu strip fixed to the plate and providing 40mm,2mtr,long GI pipe with reducer and funnel at top for watering pipe. As per IS 3043-1987 or latest version. The price should be inclusive of preparation of brick masanary chamber, with covering place etc.	Set	2
23	supplying and laying earth continuity wire of 8 SWG Cu insulated wire in 20 mm dia PVC conduit on the wall from earth plate to starting point of the line earth connector.	RM	50
24	Providing standard GI pipe earth station, with 100 mm dia 2500 mm long G I Pipe including excavation, construction of brick masonry chamber providing meshed funnel, electrode, watering pipe, charcoal and salt fill, CI cover completely as per IS 3043-1987 or latest revision. The rates to be inclusive of suply and laying of 8 SWG GI wire in 20 mm dia pvc conduit from earth pit to DB	Set	1
25	Supply, installation, testing and commissioning of Recess mounted lumanaire of 2' X 2' flat type modular 36W LED light fixture complete with electronic driver, wiring, heat sink, opal acrylic diffuser etc. suitable for gyp board or metric false ceiling. The fixture shall be provided with atleast three nos. 20mm dia knock out holes on the top side for fixing down rods and wiring purpose.	Nos.	20
26	Supply, installation, testing and commissioning of Recessed decorative LED down lighter of 15W complete with electronic driver, wiring, heat sink, opal acrylic diffuser etc. suitable for gyp board or metric false ceillint.	No.s	48
27	Supply, installation, testing and commissioning of 18 W LED batten suitable for indoor application.	No.s	24
28	Supply, installation, testing and commissioning of BLDC Ceiling fan 1200 mm, Crompton / Bajaj /Usha/ Havell's make	No.s	6
29	Supply, installation, testing and commissioning of Wall bracket fan 450 mm Crompton/Bajaj/Usha/Havell's make (body and blades are of metal only)	No.s	8
30	Supply & fixing of 12" Transair, heavyduty type exhaust fan with self closing louvers and plastic body with all accessories etc as specified in tender document or approved by Bank	No.s	5
31	Supply, installation, testing and commissioning of LED indicator lamps (R, Y, B) with 3 no.s lamp holders and 3 nos. 5 A swtches on a suitable board and wiring with 1.1 kV grade 3 X 1.5 sq.mm copper flexible wire in PVC pipe tapping power from EB cut outs.	Set	1
32	Supply and laying of 6 mm thick rubber mat with ISI mark as required	No.s	1
33	<b>Earth Bench:</b> Supply,installatin, testing and commissioning of 25 mm X 6 mm copper bar of suitable size fixed on suitable studs / stands for connecting the earth wire, complete with all connections.	Set	2
34	SUPPLY, installation, testing and commissioning of 100 A 4P on-load changeover in suitable housing, front handle operated type	Set	1