

Sl.No.	Description	UOM	Qty.
1	Supply, installation, testing and commissioning of 100 A 4P change over switch in sheet steel enclosure for changing over from main line to generator line.	Set	1.00
2	Main Panel: Supplying, Installing, testing and commissioning of fabricated floor cubicle type distribution Panel Board suitable for 415 V comprising of 3 Nos. 50 mm X 6 mm for phase and 40 mm X 6 mm for neutral copper bus bars with the following: 1 no. 250 A 4P MCCB of 35kA breaking capacity at incoming 1 no. 125 A 4P MCCB (for ESDB), 2 no. 125 A 4P MCCB (for AC Dbs), 1 no. 63 A 4P MCCB (for capacitor panel), 40 A SPMCB (for pump), 63 A SPMCB (for out door lighting), 63A SPMCB (for Spare) at outgoing in compartmentalized chamber fully isolated with 2 mm thick steel sheet and 3 mm steel channel painted with 2 coats of red oxide primer paint followed by finishing paint with interconnection etc. as required. The MCCB should have adjustable overload setting With load/line interchangeability with thermo magnetic /static release. The price is to be inclusive of phase indicator lamps, multi functional meter etc.	Job	1
3	Supply, installation, testing & commissioning of 5 stage Automatic Power Factor Control Panel (APFC Panel) of 30 KVAR capacity (10+10+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 10 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
4	Supply ,installation ,testing and commissioning of Essential services DB:- VTPN DB – IP 43-IK 09 - approved make comprising of 125 A 4P MCCB at incoming and 2 Nos 63 A TPMCB (for light & raw power DBs), 2 nos 40 A SPMCB (for UPS incoming), 1 no. 40 A TPMCB (for ATM DB) & 3 no. 32 A SPMCBs (for BM ac and others) 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 AC DB for first floor: VTPN DB – IP 43-IK 09 - approved make comprising of 100 A 4P MCB of at incoming and 7 no. 40 A TPMCBs (for individual Cassettee units) 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
6	Supply ,installation ,testing and commissioning of AC DB for ground floor: VTPN DB – IP 43-IK 09 - approved make comprising of 100 A 4P MCB of at incoming and 8 no. 25 A SPMCBs (for individual HWM units) 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
7	Supply ,installation ,testing and commissioning of Light and Raw power DBs for first floor and ground floor : VTPN DB – IP 43-IK 09 (MCB incomer) - approved make comprising of 63 A 4P MCB as incomer, 3 no. 63 A RCCB each at one phase and 12 no. 16 / 25 A SPMCBs 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	2
8	Supply, installation, testing and commissioning of UPS incoming & outgoing DB DP MCB box with 40 A DPMCB	No.s	4
9	Supply, installation, testing and commissioning of UPS incomer & out going DBs: DP MCB box with 25 A DPMCB	No.s	2
10	UPS Computer DB, SPN double door with 40A DP MCB as incomer & 10 nos 16A SP MCB as outgoing.	No.s	2
11	UPS DB for CCTV, fire alarm, Networking Rack, SPN double door with 40A DP MCB as incomer & 6 nos 16A SP MCB as outgoing.	No.s	1
12	Supply, installation, testing and commissioning of DB with 40 A TPMCB for Cassette units control	No.s	7
13	Supply, installation, testing and commissioning of DB with 32 A DPMCB for HWM units control	No.s	9

14	Supply, installation, testing and commissioning of DB with 63 A 4P MCB for master control of ACs at entrance gate of ground and first floor	no.s	2
15	Supply, installation, testing and commissioning of DB with 63 A 4P MCB for master control of lights at entrance gate of ground and first floor	No.s	2
16	Supply ,installation ,testing and commissioning of ATM DB:- TPN DB (MCB incomer type) IP 43, IK 09 - approved make comprising of 40 A TPMCB at incoming and 1 No. 25 A SPMCB for AC , 2 no. 25 A SPMCB for UPS incomer,glow sign board,1 No. 16 A SPMCB for light switch board 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
17	AC point wiring: 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 (Phase, Neutral and Earth)	RM	150
18	AC point wiring: 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 ACDB to AC points at BankingHall with 5 no. 4 sq. mm (R,Y,B, Neutral and Earth)	RM	115
19	Sub-main line Wiring: 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: With 3nos 6sq.mm (Phase, Neutral and Earth)	RM	100
20	Sub-main line Wiring: 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: With 5nos 6sq.mm (R,Y,B, Neutral and Earth)	RM	100
21	Sub-main line Wiring: 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: With 5nos 10sq.mm (R,Y,B, Neutral and Earth)	RM	60
22	Cabling: 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 sq. mm (from panel to COS, COS to ESDB, Panel to AC DB)	RM	60

23	Cabling: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 50 sq. mm	RM	60
24	Cabling: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 4.0 core X 16 sq. mm	RM	200
25	Computer point wiring 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.		
A	UPS point: 4 no. 6A sockets fixed below the table, to be controlled by one no. 20 A modular DP switch above the table / counter. The boxes are to be fixed on the partitions by suitably chiseling / cutting, making good the damage.	Set	6
B	UPS point: 3 no. 6A sockets fixed below the table, to be controlled by one no. 16 A modular DP switch above the table / counter. The boxes are to be fixed on the partitions by suitably chiseling / cutting, making good the damage.	Set	10
C	Raw power point: 2 no. 6A sockets fixed below the table to be controlled by one no. 16 A modular switch above the table / counter. The boxes are to be fixed on the partitions by suitably chiseling / cutting, making good the damage.	Set	16
D	Raw power point: 1 no. 6 / 16 A controlled by 16 A switch. The boxes are to be fixed on the partitions by suitably chiseling / cutting, making good the damage.	Set	7
26	General Wiring 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.		
A	2 no. of lights controlled by one switch	Set	32.00
B	Wiring for 1 no. of lights by one switch.	Set	78.00
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	28.00
D	Wiring for BLDC Ceiling fans with automatic regulators	Set	8.00
E	Wiring for 6 A light plug controlled by 6 A switch on the same switch board along with switch and socket	Set	12
F	Wirin for Call bell point for Branch Manager chamber along with the supply of call bell	Set	1.00
G	Wiring for glow sign board with 3 X 4 sq.mm 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 PVC junction boxes, bends, saddles, screws etc.	Set	2

27	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	5
28	Supplying and laying of 2 pair 0.5mm dia telephone cable of tinned copper conductor in PVC conduit of suitable size from crone to each telephone socket.	RM	450
29	Supply, installation, testing and commissioning of 20 pair krone connector in a suitable box as required and directed.	No.s	1
30	RJ – 11 telephone sockets with suitable mounting box of modular type, including all inter connections as required and directed.	no.s	16
31	Earth Stations: 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
32	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
33	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 supply and laying of 8 SWG GI wire in 20 mm dia pvc conduit from earth pit to DB	Set	1
34	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.	44
35	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 ceiling	No.s	64
36	Supply, installation, testing and commissioning of 15 / 18 W LED batten suitable for indoor application.	No.s	34
37	Supply, installation, testing and commissioning of Exhaust fan 300 mm Crompton / Bajaj /Usha / Havell's make	No.s	8
38	Supply, installation, testing and commissioning of BLDC Ceiling fan 1200 mm, Crompton / Bajaj /Usha/ Havell's make	No.s	8
39	Supply, installation, testing and commissioning of Wall bracket fan 400 mm Crompton/Bajaj/Usha/Havell's make (whole body and blades should be of metal only)	No.s	20
40	Supply, installation, testing and commissioning of LED indicator lamps (R, Y, B) with 3 no.s lamp holders and 3 nos. 5 A swches 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
41	Supply and laying of 6 mm thick rubber mat with ISI mark as required	No.s	1
42	Supply, installation, testing and commissioning of 3 phase 40kVA Servo Stabilizer with range of voltages 340 V to 470 V, air cooled, auto/manual controlling and protection against high voltage, short circuit, single phasing complete as instructed	Set	1
43	<u>PROVIDING TEMPORARY POWER SUPPLY & LIGHTING AT WORK SITE:</u> The Electrical contractor has to provide temporary lighting for the entire work site area. The contractor has to provide power supply through 16A switch & sockets at specific locations to ensure smooth operation of the work site. During the course of work, the contractor has to ensure that UPS power supply is provided to all the temporary & permanent work stations	1.0	LS
44	<u>Dismantling</u> Dismantling all the existing Electrical installation alongwith pipes, cables, etc. and removing the same from site as per the time schedule of Bank and handing over to branch persons	1.0	LS
45	Supply, Installation,Testing and Commissioning of Timer Control Unit with 24 hours timer device for UPS Room exhaust fan	No	1

46	<u>Earth Bench:</u> 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
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