

INDIAN BANK

REV ESTIMATE FOR ELECTRICAL WORK OF VASHI BRANCH REV.DT. 15.01.2023

Sr.No	Description	Qty.	Per	Rate	Amount (Rs.)
1	Main Panel & D.B.				
A	Removing and reinstallation of 125A, MCCB in sheet metal enclosure for main switch at meter cabin complete in all respects.	1	No		
B	DB BOX				
I	Supply and installation of 8WAY TPN DB Lighting/Raw, AC power Distribution Board (double door) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral. 1 no., 40A, TPN, MCB(100mA) incomer 10/16/20/25A SP MCB - 12 Nos for lighting/RAW POWER Full Set as above	1	Set		
II	S & I of 1 nos 63 A DP MCB, housed in sheet metal powdercoated box for giving Inputsupply of UPS and Inverter.	2	Nos		
III	S & I of 1 nos 40 A DP MCB, housed in sheet metal powdercoated box for giving output supply of UPS and Inverter.	2	Nos		
IV	S & I of 63 A TPN MCB, housed in sheet metal powder coated box.	1	Nos		
V	S& I TESTING AND COMMISIONING AC TIMER SWITCH For Bank's Glow Sign Board.	0	Nos		

Sr.No	Description	Qty.	Per	Rate	Amount (Rs.)
VI	Suply and installation of SP&N 'MCB type 10 way SPN DB, 12Way SPNDB,40AMCB UPS Distribution Box (double door) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral. Incomer : 40A DP MCB - 1 No Outgoing: 10 A SP MCB -6 Nos Full Set as above	2	Set		
VII	SITC 32A DP MCCB Type Change Over Switch For UPS	0	No.		
VIII	Suply and installation of ATM Distribution Box (double door) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral. Incomer : 63A TPN MCB - 1 No Outgoing: 10 A/16 A SP MCB -10 Nos Full Set as above	0	Set		
2	CABELS / MAINS/WIRES				
	S & I of 1100V grade armoured cables/Flexible Wires (FRLS) having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed confirming to IS: 1554, laid on Wall /Ceiling etc. complete in all respects. The rate also to include providing identification tags, at each end of the cable (the identification tag shall mention the size of the cable and the names of panels on either ends). The rate to include testing & commissioning on site. etc. complete				
a	4C x 35 sqmm Al armoured cable with bare 8 SWG G.I earth wire (Meter room to Main Panel)	0	Rmt		

Sr.No	Description	Qty.	Per	Rate	Amount (Rs.)
c	4C x 6 Sq.mm Copper cable with bare 12 SWG G.I earth wire (From Panel to LDBs,UPS & ATM)	40	Rmt		
d	2C x 4.0 Sq.mm Copper cable with bare 12 SWG G.I earth wire (For AC Units)	135	Rmt		
f	Supply & wiring with mutli strand copper wire of 2 runs- 6sqmm, 1 run- 2.5sqmm through 1" PVC pipe fixed to the wall as per the site condition for the UPSs I/P & O/P	15	Rmt		
g	Termination of the above cables with Heavy duty cu lugs & Brasscable lands				
i	4c x 50 sqmm	2	Nos		
iii	4C x 6 Sq.mm	10	Nos		
3	LIGHT /FAN POINT WIRING				
3.1	Supply & Installation of Light/Fan point wiring with 3 x 1.5 Sqmm wire & Circuit Wiring of 600v grade 2 x 1.5 sqmm & 1 x 2.5 sqmm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through haevy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires. Rate shall include Supply & installation of Modular Switch Boards, Modular Switches/scokeys, boxes, plates and all realted accessorie. (Rate to include supply & installation of PVC conduits of required size)				
a	Primary light Points (6 points in one circuit)	35	Pts		
b	Primary Fan points with 5 A socket installed on walls	0	Pts		
c	Secondary light points looped from the above point(a)	10	Pts		
d	Secondary 5A Plug point on switch board	8	Pts		
e	5/15A Plug Point directly taken from DB for hotplate/geyser / zerox / fridge (With Circuit wiring specifications)	10	Pts		
f	Exhaust fan point consisting of 5A socket near fan and switch on light switch board.	0	Pts		
g	Ceiling fan point wiring with Modular regulator	0	Pts		

Sr.No	Description	Qty.	Per	Rate	Amount (Rs.)
3.2	S & I of point wiring for UPS power plug points (with 1-16A switch and 3 sockets on modular switch box) on workstations / table for computers using Circuit Wiring of 3 x 2.5 Sqmm flexible copper wire and point wiring with 3 X 2.5 Sqmm flexible copper wire, pulled through already laid floor raceways and taken upto table top using PVC rigid or flexible pipes. Complete in all respects. (Rate to include supply & installation of PVC conduits of required size)	15	Pts		
3.3	S & I of points similar to above but to be used as Raw power point on the tables consisting of one 5/15A socket with switch of other color and flexible cable of black color & circuit taken from Lighting DB (4 tables served by one circuit from LDB/PDB) (Rate to include supply & installation of PVC conduits of required size)	20	Pts		
4	LIGHTING FIXTURES(Philips/Wipro)/FANs S &L and fixing labour charges of lighting fixtures as per the details given below including necessary hardware such as , clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as per approved manufacturers list.(Only labour rate quote all fittings are supply by bank.)				
4.1	600 X 600 LED LIGHT FITTING Installation of 36 W / 245W LED light fixture Philips Green Square 1 or Wipro CRESS LM 11 or SYSKA or As Selected By Bank (Catalog No - RC140B LED29S-6500 PSEWH OR EQUIVALENT)	28	Nos.		
4.2	LED LIGHT FITTING - Down lighter Installation of Philips or SYSKA make Green LED down lighter fitting (Catalog No. BBS170 1x DLED-5000 PSUWH OR Equivalent.)	12	Nos		

Sr.No	Description	Qty.	Per	Rate	Amount (Rs.)
4.3	Fixing 1 X 40W LED Light Set tube light.	15	Nos.		
4.4	Supply & Fixing 16" Dia Wall Fan.	0	Nos.		
4.5	Supply & Fixing 1200 mm diameter Ceiling fans with regulator	0	Nos.		
4.6	250 mm dia wall mounted exhaust fan of decorative plastic body and blade with louvers on the outside (Newtek/Cromton/Approved Equivalent)	0	Nos.		
5	EARTHING				
5.1	S & I of earth pit comprising of 600mm x 600mm x 3mm. thick copper plate buried at a minimum depth of 2.5 meter including necessary materials like charcoal,salt etc as required conforming to BIS standards having brick masonry chamber with hinged cover.	0	Nos.		
5.2	S & I of copper /GI earthing wires/strips with PVC Sleeve in following sizes				
5.3	6 sqmm copper in 20mm PVC conduit	0	Mtrs		
6	WIRING FOR DATA AND VOICE OUTLETS				
6.1	Providing and laying Cat 6 cable (Make : D-link) for data in PVC conduits and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and term. (Rate to include supply & installation of PVC conduits of required size)				
a	RJ-45 for data points	15	points		
6.2	Providing and laying Cat 6 cable (Make: D-Link) for voice in existing conduits for voice and providing & terminating with RJ- 11 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations. (Rate to include supply & installation of PVC conduits of required size)				
a	2 Nos of RJ-11 socket point for Voice	10	points		

Sr.No	Description	Qty.	Per	Rate	Amount (Rs.)
6.3	Providing, laying and connecting armoured PVC insulated copper telephone jelly cable of following sizes including termination in approved manner.				
a	10-pair	30	mtr.		
6.4	Supply & fixing 10 pair telephone MFD consisting of tag blocks in groups of 10 pair krone disconnect or type complete with metal enclosure powder coated krone tag block mounting arrangement telephone distribution chat and locking arrangement (for P & T EPABX)	1	No.		
6.5	Supplying and installing CAT 6 factory crimped patch cables 1 mtr	15	Nos		
6.6	Supplying and installing CAT 6 factory crimped patch cables 2 mtr	15	Nos		
6.7	Supplying & Fixing 24 port Patch Panel	1	No		
6.8	Removaing and reinstallation of & Fixing 24 port Net work Switch	1	No		
6.9	Removing and reinstallation of 9U Rack	1	Nos		
7	Supply , Installation , Testing & commissioning of AC point wiring using 2 x 4mm wire & 1 x 2.5mm wire with PVC Conduit Pipes	7	Nos		
8	Preparation of trenches 12"/18" wide by carefully removing the floor tiles by machine cutting & removing the malwa below the tiles for laying raceways/conduits for power , telephones etc . The depth of the trenches shall be atleast 2 inches from the finished floor level or upto RCC of the slab . The rate shall include filling the trenches with rich mix of 1:2 PCC after laying of raceways conduits for smooth finish upto original tile level . The rate shall not include the cost of the raceways / conduits.	10	Mtrs		

Sr.No	Description	Qty.	Per	Rate	Amount (Rs.)
8.1	Supply & laying Raceways / conduits in the trenches as detailed above or through partitions with all accessories , bends , pullwire etc. but excluding the floor mounted junction boxes which shall be paid separately . The metal/PVC conduits/Raceways shall be earthed with copper earthing clips at suitable intervals the distance between the data conduits & power conduits shall be maintained at atleast 6" apart .				
a	25 mm PVC conduits for power & telephone & security alarm HMS Grade Pipesto be used.	250	Mtrs		
b	Supply & fixing 300 mm x 300 mm x 50 mm deep MS junction boxes 14 gauge with top removable stainless steel plate of 14 gauge The junction boxes shall be treated for rust proof treatment with 2 coats of red oxide and spray painted for smooth finish . The junction boxes shall have slots on all sides suitable for raceways / conduits The junction boxes shall be laid in trenches for raceway/ conduits as detailed as above the top cover shall be fixed with counter sunk screws (for floor trenches)	10	Nos		
9	Providing Temperory power supply with light & plug points during excuting works	L.S	Job		
	TOTAL				0.00

NOTE: RATES TAKEN IN THE ESTIMATES ARE EXCLUDING GST. GST WILL BE ON