

Central Bank of India - B/O Tardev - South Mumbai Regional Office under Mumbai Metropolitan Zonal Office

Bill of Quantities for Electrical and Allied Works

Sno	PARTICULARS	QTY	UNIT	RATE	AMOUNT
MAIN POWER PANEL & DISRIBUTION BOARDS:					
PART A	MAIN POWER PANEL & DBS.				
1	SITC of 125 Amps. TPN MCCB withh enclosure in meteer room.	1	Set		0.00
2	Main Panel: Supply and installation of main LT panel, wall mounted INCOMMER : S & I 125amps ,TPN MCCB with 25KA breaking capacity - 1 No. OUTGOING : S& I 2 Nos. 63A TPN MCB - for lighting / RAW Power S& I 2 Nos. 63A TPN MCB - for UPS Power/ATM S& I 3 Nos. 32A DP MCB - for Glow sign board and AC S& I 4 Nos. 63A TPN MCB - for AC S& I 1Set, TPN, Copper busbars of size 25mm x 5mm thk PVC insulated suitable for 200 Amp load S& I 1 no., 0-150A, Ammeter with CTand selector switch S& I 1no., 0-500V, Voltmeter with selector switch and fuse S& I 1 Set of LED- R, Y, B, indicating lamps with resistors and fuses	1	set		0.00
3	LIGHTING & AC DISTRIBUTION BOARD P & F of 4 WAY TPN Double Door DB with incomer 63Ams FP MCB, outgoing 1 Nos. 63Amps 100 ma FP RCCB, 12 Nos SP MCB, etc complete (<u>Make:-</u> Legrand / Merlin Gerin / Hagger)	2	Set.		0.00
4	UPS POWER DISTRIBUTION BOARD P & F of 12 WAY SPN Double Door DB with 63Amps DP MCB, outgoing 1 Nos.40/Amps 100ma DP RCCB, with 8 NOS SP MCB, (<u>Make:-</u> MDS Legrand / Merlin Gerin / Hagger)	2	Set		0.00
5	E LOBBY DISTRIBUTION BOARD P & F of 4 WAY TPN Double Door DB with incomer 63Ams FP MCB, 4 Nos SP MCB 2 Nos DP MCB 4 Nos. SP MCB, etc complete (<u>Make:-</u> Legrand / Merlin Gerin / Hagger)	1	Set.		0.00
6	P & f of 63 Amps FP MCB in Box.	4	Set		0.00
7	P & f of 63 Amps DP MCB in Box.	4	Set		0.00
TOTAL For Main Power Panel and DB's					0.00
Sno	PARTICULARS	QTY	UNIT	RATE(Rs.)	AMOUNT(Rs.)
MAIN LT CABLES.					
PART B	Supplying, Installationm, Testing & Commissionning of LT Cable rated for 600/1100 V as per IS Standard.				
1	3.5 Core x 35 sq.mm. Al Armoured Cable	50	Mtrs.		0.00
2	4 Core x 6 sq.mm. CU Armoured Cable	100	Mtrs.		0.00
3	3 Core x 4 Sq.mm. CU Armoured Cable	150	Mtrs.		0.00
4	4 Core x 10 sq.mm. CU Armoured Cable	20	Mtrs.		0.00
6	S/I/T/Commissioning of LT Cable Termination with brass gland and Termination of Each Core with necessary required Copper Lugs etc.				
I	3.5 Core x 35 Sq.mm. Al Armoured cable.	4	Nos.		0.00

II	3 Core x 4 Sq.mm. CU Armoured cable.	10	Nos.		0.00
III	4 Core x 6 Sq.mm. CU Armoured cable.	16	Nos.		0.00
IV	4 Core x 10 Sq.mm. CU Armoured cable.	2	Nos.		0.00
TOTAL for Main LT Cables					0.00
Sno	PARTICULARS	QTY	UNIT	RATE(Rs.)	AMOUNT(Rs.)
PART C	LIGHTING & POWER WIRING				
	Supply & Installation of concealed point wiring using 600v grade 1.5 sqmm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through heavy gauge PVC conduits laid concealed over false ceiling or in wall chases or on the ceiling in case of an open ceiling including 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 consultant. (Each circuit shall not feed more than 8 points OR 800 watts as per following configuration.)				
1	Primary light points including the cost of 5A switch	50	Nos		0.00
2	Secondary light points looped from the above point	30	Nos		0.00
3	5A Plug point on switch board	10	Nos		0.00
5	Supply & installation of 5/15A Plug Point directly taken from DB etc. including 2 x 2.5 sqmm circuit wires directly taken from the relevant DB and also including 1.5 sqmm green color copper earth wire all laid through PVC conduit with all necessary hardware& accessories, etc. (UPS / Raw Power)	12	Nos		0.00
6	Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 2 X2.5 Sqmm 1 X 1.5 Sqmm copper conductor PVC FRLS wires pulled through already laid floor raceways and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 3 nos of 5A , 2/3 pin sockets & 1 No., 15A Switch , wired together forming one point. (ONLY TWO tables served by one circiut from DB)	20	Nos		0.00
7	Supply & Installation of point wiring for raw POWER plug points on workstations / table for computers using 2C X2.5 1 X 1.5 Sqmm copper conductor PVC FRLS wire conductor PVC sheathed white color flexible cable pulled through already laid floor raceways and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 nos of 5A , 2/3 pin sockets & 1 No., 15A Switch , wired together forming one point. (ONLY FOUR tables served by one circiut from DB)	18	Nos		0.00
8	S & I of 5/a5AMps Socket with 32amps SP MCB plate & box with 15amps top Nr ac Unit.	6	Nos.		0.00
TOTAL for Lighting and Power Wiring					0.00
NOS.	PARTICULARS	QTY	UNIT	RATE	AMOUNT
PART D	FLOOR RACEWAYS & CONDUITS				
1	Supplying, Installation, Testing & Commissioning of follwing raceways / conduits in flooring. The rate shall be inclusive of removing the flooring by cutter & back filling the same with required Sand, Cement etc.and giving the finishing upto the floor level as per Instruction of Architect / Engineer.				
1	25mm Dia PVC conduit MMS Grade.	150	Mtrs.		0.00
2	FLOOR JUNCTION BOX				
	Supplying, Installation, Testing & Commissioning of following <u>GI</u> junction boxes in floor of 14 SWG thick duly painted. The rate shall be inclusive of providing Sand, Cement etc. and finishing the same upto the floor level as per instructions of the Architect / Engineer.				
I	250mm x 250mm x14 SWG Junction Box with Stainless Steel	5	Nos.		0.00
II	300mm x 300mm x14 SWG Junction Box with Stainless Steel	5	Nos.		0.00

	TOTAL for Raceways and Conduits				0.00
LIGHT FITTINGS					
Sno	PARTICULARS	QTY	UNIT	RATE	AMOUNT
PART E	LIGHT FIXTURE				
1	SITC OF PHILIPS / CROMPTON 2 x 2 x 36 Watts LED Light Fixture with accessories such as Chain Link Support on ceiling.	5	Nos.		0.00
2	SITC OF 15/Watts LED down light Fixture.	20	Nos.		0.00
3	SITC 2/4 Feet LED Tubelight Fixture	5	Nos.		0.00
4	SITC of 25mm al profile putty as approved by architects. Basic cost 500 rmts / Rmts.	30	Rmts.		0.00
5	SITC of Led strip with driver.	30	Rmts.		0.00
7	SITC of 4feet Long Liner Light	30	Nos.		0.00
	TOTALfor Light Fittings				0.00
VOICE CABING					
NOS.	PARTICULARS	QTY	UNIT	RATE	AMOUNT
PART F	VOICE CABLING				
1	S/I/T/C of 10 pair telephone Cable in 25mm PVC pipe MMS grade.	30	Mtrs.		0.00
2	S/I/T/Commissioning of 20 Pair telephone tag block with 2 Nos. 10 pair crone modulewith Termination & Crimping etc. complete.	1	Nos.		0.00
3	S/I/T/Commissioning of Telephone point with 1 No.of RJ 11 socket, 1 Module Plate, Box etc.from Tag Block upto the Point. Including 2 Pair telephone cable in already laid pipes and raceways.	12	Nos.		0.00
	TOTAL for VOICE Cabling				0.00
EARTHING					
Sno	PARTICULARS	QTY	UNIT	RATE	AMOUNT
1	Supplying / Installation/ Testing & Commissioning of Earthing station with 300 x 300 x 3mm thick CU plate as per IS 643. Rate shall be inclusive of supply installation of CU Plate, 25mm dia GI pipe with funnel for water and 450mm Cast Iron cover with its frame. Necessary digging of earth pit, excavation, back filling of earth,electrode, charcoal, salt layer & brick masonry work in proper manner.	2	Nos.		0.00
2	S/I/T/Commissioning of 25mm x 3mm GI Earthing Strip.	10	Mtrs.		0.00
3	S/I/T/Commissioning of 1 No.of 4sq.mm.single core PVC flexible	50	Mtrs.		0.00
	TOTAL for Earthing				0.00
NETWORK CABLING					
Sno	PARTICULARS	QTY	UNIT	RATE	AMOUNT
	DATA CABLING WORK				
1	Supplying / Installation/ Testing & Commissioning of D LINK make CAT 6 wires from SERVER to each work station	15	PTS.		0.00
2	Supplying / Installation/ Testing & Commissioning of D LINK make CAT 6 IO with box.	15	Nos.		0.00
3	S/I/T/C of D LINK make 1 Rmts. Patch Chord.	15	Nos.		0.00
4	S/I/T/C of D LINK make 2 Rmts. Patch Chord.	15	Nos.		0.00
5	S/I/T/C of D LINK make 12 U NETWORK RACK.	1	Nos.		0.00
6	S/I/T/C of D LINK make 24 port JACK PANEL.	1	Nos.		0.00
7	S/I/T/C of D LINK make 16 Pport SWITCH	1	Nos.		

	TOTAL For Network Cabling				0.00
SUMMARY					
A	MAIN POWER PANEL & DBS.				0.00
B	MAIN LT CABLES.				0.00
C	LIGHTING & POWER WIRING				0.00
D	FLOOR RACE WAY & CONDUITS				0.00
E	LIGHT FIXTURES				0.00
F	TELE CABLING.				0.00
G	EARTHING				0.00
H	DATA CABLING WORK				0.00
	TOTAL				0.00
	CGST @ 9% Rs.				0.00
	SGST @ 9% Rs.				0.00
	Rounded off Rs.				0.00
	GRAND TOTAL				0.00