

**ESTIMATION FOR ADDITIONAL
ELECTRICAL WORKS FOR VACANT FLOOR OF SBI NEW BUILDING AT PLOT NO- AE 1/1 AT NEW TOWN, KOLKATA**

SL.No.	ITEM DESCRIPTION	Unit	Qty.	Rate (Rs)	Amount (Rs)
1	Wiring/cabing with 660/1100 V grade PVC insulated multi stranded copper wire/cable through ISI marked minimum 2 mm thick PVC conduit with junction box ,circular box, elbows ,bends, couplers and other accessories concealed (below the false ceiling) or by chase cutting on wall /floor or on surface by bar saddles.				
a	2X4 sq mm +1X2.5 sq mm	Mtrs.	300		
b	2X2.5 sq mm +1X1.5 sq mm	Mtrs.	700		
c	2x6 sq mm+1x2.5 sq mm	mtrs	20		
d	4x6 sq mm +2x2.5 sq mm	mtr	25		
2	"Supply & installation of MS Flush Metal box with front plate enclosing the following duly interconnected :a) 2 Nos 16 amp switch & 2 Nos 6 amps and 1 no. 6/16 amps socket outlet with indicatorb) 1 No. mounting box c) 1 No. front plate "	sets	13		
3	Distribution wiring including new point wiring 660 volt grade 2x2.5+1x1.5 sq.mm. (copper) PVC insulated flexible wire in 20 mm dia. Rigid PVC (ISI Marked) conduit along with Conduit accessories circular boxes, MS boxes, 2x 6 Amps + 2x6Amps modular type switch and socket	set	16		
4	Distribution wiring including new point wiring 660 volt grade 2x1.5+1x1.5 sq.mm. (copper) PVC insulated flexible wire in 20 mm dia Rigid PVC (ISI Marked) conduit along with Conduit accessories circular boxes, MS boxes, 1x 6 Amps + 1x6Amps modular type switch and socket	set	0		
5	"Supply & installation of MS Flush metal box with front plate enclosing the following duly interconnected make:(Crabtree /Legrand/ Philips)a) 1 Nos 16 amp switch & 1 Nos 6/16 amps socket outlet with indicator b) 1 No. mounting box c) 1 No. front plate"	set	10		
6	FANS				
a	Supply & Installation of 12" dia Exhaust fan 900 rpm with including hole/core cutting	Nos.	2		
b	Supply & Installation of 9" dia Exhaust fan 900 rpm with including hole/core cutting	nos	0		
c	Supply of of 48" high speed, 330rpm, air delivery 220 CMM, BLDC type "BEE-5star " rated fan, low power consumption upto 28-35W Max (colour white)	nos	4		
7	LED LIGHT FITTINGS				
a	Supply of 15w LED down light with efficiency 110 lumen/watt makes : Bajaj /wipro/havells/ Jaguar/ Philips	Nos.	20		
b	Supply 2x2 Frame for LED Fittings	nos	0		
c	S & F Philips make 7w, LED tiltable astra Spot light or eqv. wipro/havells	Nos.	2		
d	S&F of 2x2 panel LED light fixture , efficiency 120 lm/wt, 600x600 suitable for recess mounting,CRCA sheet, asthetic looking of Wipro/havells/Philips/Bajaj	Nos	30		
8	Supply and fixing of Havells make 24W 830 IP20 5M LED flexi strip with driver. Eqv. make: wipro/philips	Nos.	2		
9	S & F 20 watts, Philips make BN021C LED20S PSU CW GR S2. (Safe Room/Locker room etc.) or equv./Wipro/Havells/Bajaj	Nos.	5		
10	S & F Philips make BN021C LED12S PSU CW GR S2. or equv./Wipro/Havells/Bajaj/ jaguar (for toilet)	Nos.	0		
11	Supply and fixing of LED bulk head fitting of approved makes	no	5		
12	Marking with printed stiker of electrical DBs,SFU,and individual circuit in UPS DB,LDB of switch board and UPS power etc.	LS.	0		

13	"Distribution wiring(concealed) including new point wiring 660 volt grade 3x1.5 sq.mm. (cu) PVC flexible wire in 20 SWG Rigid PVC (ISI Marked medium grade) conduit along with Conduit accessories circular boxes, MS boxes, 6 Amps Modular Type switch with socket outlets 6 pin, all individual control switch etc. Conduit size & nos of wires in conduit as per code of practice with circuit wiring with (2x2.5 + 1X1.5) sq.mm. copper wire from MCB DB to respective sw board.N.B. (I)Earth & neutral may be looped but from the last point earth & Neutral has to be connected with sw board.(ii)Point wiring should be inclusive of continuous wire length up to the connection block of light fittings/fans.				
a	Light point(one switch controls one light)	Nos	20		
b	Light point(one switch control two lights)	Nos	15		
c	Light point(one switch control three lights)	Nos.	10		
d	Exhaust fan point	Nos.	4		
e	Ceiling Fan point with regulator	Nos	2		
f	Call bell (with supply and fixing call bell)	Nos.	0		
g	Wall Bracket Fan point with 6 amp 3/5pin socket	nos	6		
h	Board plug point 5 pin 5 Amps with switch.	Nos.	10		
14	Supply & fixing 11-18 amp north-west motor starter with plugtop indicator type socket or eav legrand/Havells	No.	10		
15	Supply and fixing of 2p 32A MCB with enclosure for cassette AC control	nos	5		
16	Supply & fixing 16 amp plug top with indicator	No.	0		
17	Supply & fixing 3cx2.5 sq.mm. PVC insulated multistrand flexible cable	Mtr.	10		
18	S&F 2x 2.5 PVC Armored copper Cable for Generator Neutral, CBS, VSAT earthing (From Earth station to 16 Amp VSAT sw at system room) (CONCEALED WHERE NECESSARY)	mtr	100		
19	Supply and fixing of GI earth strip of size 25 mm x 6mm with insulator at 2 feet interval and all accessories nut bolts wasser etc. as required connection complete	mtr	50		
20	Supplying and fixing of following type of heavy duty FRLS PVC conduits concealed in floor including floor cutting with all accessories as per engineer in charge				
a	20 mm dia PVC conduit	mtr	50		
b	25mm dia PVC conduit	mtr	50		
22	Supply & fixing RJ-11 telephone socket	nos	3		
23	Supplying and laying and connection of PVC insulated copper conductor of size 2 pair x 0.5 sq.mm.in 20 mm dia heavy duty PVC conduit(ISI marked)	mtr	50		
24	Supply & laying of 4 corex 16 sqmm Al Armoured cable for miscellaneous uses	mtrs	100		
25	End terminations of 4x 16 sqmm cables with Glands , accessories a s req	no	8		
26	Supply and fixing of 30watts Street Lights with Clamps , of approved makes such as Bajaj/Philips/CGL/Havells	no	10		
	TOTAL ESTIMATED AMOUNT (EXCLUDING GST)			TOTAL:	