

**ADDITIONAL SPACE AT RBO TEZPUR**  
**Bill for Electrical Installation Works**

SL No	DESCRIPTION	UOM	QTY	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
1	Sub-main line:- Wiring in MS conduit of IS specification of Proper size with core PVC insulated stranded copper wire 11KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with supply ,installation, commissioning of all the materials required including proper termination,connection in complete as required from main DB to various DBs:-				
i)	with 2nos 4sq.mm + 1nos. 1.5sq.mm (1ECC)	RM	40		
ii)	with 2nos 6sq.mm +1nos 4sq.mm (1ECC)	RM	120		
2	Supply ,installation ,testing and commissioning of distribution board manufactures made sheet steel enclosure With the following MCBs (DB,MCB and MCCB Make- Legrands/ Havells/ L&T/ SIEMENS or equivalent) and connecting the same to the system.				
i)	Computer/Raw power DB, 8-way, SPN double door with 40A (30mA)DP RCCB as incomer & 6 nos 10A SP MCB as outgoing.	No.s	1		
ii)	DB with 32A DP RCCB.	No.s	1		
iii)	DB with 40A DP RCCB.	No.s	1		
iv)	Light DB, 8-way, SPN double door with 40A (30mA)DP RCCB as incomer & 6 nos 10A SP MCB as outgoing.	No.s	1		
v)	Supply & installation of double door 4 way MCB DB with following accessories a)1 No. 63 amp. TPN MCB as incomer, b) 2 Nos. 32 Amps SP MCB, 1 Nos. 40 Amps SP MCB and 7 nos. 16A SP MCB in outgoing	No.s	1		
3	Supplying, installing and commissioning of PVC Armored cable complete with proper cable glands and two nos. of 8SWG GI wire (Havell's/Richa/RR kebel/KEI or equivalent) alongwith all the other materials required including proper connection in complete as required from main Panel,Power Distribution Board to various DBs .				
i)	With 3.5 core x 25 sq. mm cable	RM	80		
4	Computer/Raw Power point wiring in MS conduit of IS specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade(Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from /PDB(Raw) .The wiring shall be carried out on surface above false ceiling by chiseling the existing surface and plastering the same with cement etc. after fixing the MS 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 (Legrands / MK or equivalent) 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.B48(maximum three points in single circuit)				
i)	With 3nos 6A socket with single 16A switch.	No.s	6		
ii)	With 2nos 16A socket with individual switch.	No.s	5		
iii)	With 1nos 16A socket with individual switch.	No.s	2		
5	Supply & Fixing of 15Watt commercial down lights of <b>system efficacy &gt;100lm/W</b> . The light should be recessed mounted slim circular type LED panel with <b>die-cast aluminium housing</b> and smooth powder coated finish with anti glare UV stabilized diffuser and separate energy efficient electronic driver having inbuilt surge protection upto 2.5kV. (Make - as in tender make list)	Nos	34		

SL No	DESCRIPTION	UOM	QTY	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
6	Supply, installation testing and commissioning of surface mounted circular LED downlighter with 15W LED lamp. Make :- Bajaj/Havels/Phillips/Wipro /Crompton or equivalent. (Make - as in tender make list)	Nos	18		
7	Supply and fixing of 2'x2' LED commercial Luminaire of 36 Watt with <b>system efficacy of 110lm/W</b> . The light should be recessed mounted type and low depth with CRCA powder coated housing, high transmittance diffuser for symmetric light distribution with non-integral energy efficient isolated electronic driver and inbuilt surge protection upto 3kV. (Make - as in tender make list)	Nos	15		
8	Supply and fixing of LED commercial batten Single Tube light fittings with 20W with glare free light distribution wall mounted at ceiling/false ceiling level/. (Make - as in tender make list)	Nos	5		
9	Supply and installation of Wall Mounted fan 400 mm full Metallic body and metallic Blade, 1400 rpm with inbuilt thermal overload protection crompton/ bajaj/ usha/ orient make	No.s	8		
10	Supply and installation of 5 Star rated BLDC Ceiling fan 1200 mm crompton/bajaj/usha/havell's make with including suitable hooks and extensions as per site requirement	No.s	4		
11	Supply and installation of heavy duty Exhaust Fan 300 mm crompton/ bajaj/ usha/ havells make	No.s	3		
12	Supply and installation of 5 Meter roll IP20 Flexible LED Strip surface mounted alongwith required LED Driver as back lighting. Havells or equivalent make.	No.s	5		
13	Wiring for light/fan/exhaust fan points using 3 X 1.5 1.1 kV grade PVC insulated stranded copper conductor wire (Finolex/ Havell's/ Richa/ RR kebel/ KEI or equivalent) for phase, neutral and earth in 25 mm dia heavy duty MS conduit along with associated accessories like MS junction boxes, bends, saddles, screws et. 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, 10 Amp modular plate type switches etc.(MK/Legrand's/Havell's or equivalent), as required complete including circuit wiring with 3 X 2.5 sqmm. 1.1 kV grade PVC insulated stranded copper conductor wire and as per site requirement and as instructed by SBIIMS Engineer.				
i)	Light/fan point (Two downlighter/ 2"X 2" recessed light fittings to be connected through one point)	No.s	40		
ii)	Light/fan point (four downlighter/ two 2"X 2" recessed light fittings to be connected through one point)		30		
iii)	6A socket & switch at same board	No.s	8		
iv)	Fan Point with electronic modular type regulator.	No.s	4		
v)	16A, 5 pin industrail plug & Socket with 25 A MCB protected (for Safe room & Record room) with 5 meter 3 core 10 sqmm copper wire	Nos.	2		
vi)	Modular type with 6A SP MCB for Exhaust fan and wall fan	No.s	11		
	<b>Total</b>				