

**BOQ FOR ELECTRICAL INSTALLATION WORK AT
GUEST HOUSE,SILCHAR**

SL No	DESCRIPTION OF ITEMS	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 + 1 nos 2.5 sq.mm(1ECC)(AC & Gyser line)	RM	80		
ii)	with 3nos 6sq.mm (1ECC)	RM	20		
iii)	with 2nos 2.5 sq.mm + 1 nos 1.5 sq.mm(1ECC)	RM	80		
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)	4- way TPN Double Door Distribution Board with 63A TP MCB (36kA) as incomer and 3 Nos. 40A SP MCB's, 9 Nos. 25A SP MCB's at outgoing.	Set	1		
3	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 TV,power socket etc 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 2 points in single circuit)				
i)	With 3 nos 6A socket with single 16A switch and cable outlet 8mm for TV unit.	No.s	2		

ii)	With 3 nos 6A socket with single switch power socket.	No.s	4		
iii)	With 2 nos A 16/6A socket with individual switch power socket.	No.s	2		
iv)	With 1 nos 16A socket with individual switch	No.s	3		
4	Supply, installation and testing of Roud recessed mounted 12 W LED edge lit slim down light with die-cast aluminium housing finished in premium white powder coating. efficacy: 120lm/W (12 W LED). Make :- /Havels/Phillips/Wipro/ Crompton or equivalent. (Model to be approved by Bank's Engineer)	Nos	40		
5	Supply installation testing and commissioning of LED batten Single Tube light fittings with 20W (Model: Havells LUMILINEBS20WLED865SPCWH or equivalent Specification) with glare free light distribution wall mounted at ceiling/false ceiling level/. Make :- Bajaj/ Havels/ Phillips/ Wipro/ Crompton or equivalent	Nos	5		
6	Supply installation testing and commissioning of foot lamp LED light fittings of 3W (3 module Make :- Bajaj/ Havels/ Phillips/ Wipro/ Crompton or or similar design and specification approved by Bank's Engineer.)	Nos	3		
7	Supply, installation and testing of decorative wall mounting, brushed nickel finish fixture with Opal Glass diffuser suitable with 9 W LED lamp B22 base.(Make Havells Model No.LHFOAJE1TZ1I060 or similar design and specification approved by Bank's Engineer.)	Nos	6		
8	Supply and installation of heavy duty Exhaust Fan 250 mm crompton/ bajaj/ usha/ havells make	No.s	1		
9	Supply and installation of high speed Exhaust Fan 150/200 mm automatic shutter for dust protection.Make: Crompton model: ventilus HS similar specificationand design approved by Bank's Engineer)	No.s	2		
10	Supply, installation, testing & commissioning of ceiling mounted LED strip over Saving Led, Flexible And Long Lasting With 50000 Burning Hours.Light Bulbs And Wires Are Completely Wrapped In Flexible Plastic, With Features Of Insulation, with adopter ,Waterproof And Safety Luminaries manufacture shall provide LM79 report from NABL accredited lab & LM80 report issued by LED manufacturer.	RM	12		

11	Supply, Installation, Testing and Commissioning of decorative smart BLDC 1200 mm sweep, BEE 5 star rated, ceiling fan class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.. Rates shall be inclusive of providing and fixing of M.S. fastner hooks for fixing the fan from the ceiling .(Make Crompton Model :Stylus or similar design and specification approved by Bank's engineer)	No.s	2		
12	Supply, Installation, Testing and Commissioning of BLDC 1200 mm sweep, BEE 5 star rated, ceiling fan class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.. Rates shall be inclusive of providing and fixing of M.S. fastner hooks for fixing the fan from the ceiling .(Make Crompton Model :Riviera or similar specification and design approved by Bank's Engineer)	No.s	1		
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 SBI Engineer.				

a	Light point one switch control one light/ fan	Nos	12		
b	Light point one switch control two light	Nos	22		
c	Two way point in bedroom(2 nos each room) for light and fan	Nos	8		
d	Ceiling Fan point with regulator(2M)360 degree rotation	Nos	3		
e	Exhaust fan point with Ceiling rose.	Nos	3		
f	Call bell point 6A bell push 1 Module with Electronic chime(ding dong 230v-2 module)	Nos	3		
g	same Board 6 Amps with switch and socket.	Nos.	12		
14	16 A modular MCB for Geyser point and 16A socket	Nos.	2		
15	Supply and fixing of modular 25A/32A AC starter 2M to be provided separately with switch board.	Nos.	6		
16	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	RM	30		
17	Supply, erection, testing and commissioning of 6-way splitter of aluminium die cast body in suitable size of G.I. Box.	Nos.	1		
18	supply, Installation, testing and commissioning of 15 litre capacity closed and storage type BEE 5 star rated Geyser having ABS body with stainless steel/Titanium steel tank. The geyser must have temperature adjustable knob and automatic thermal cut off protection. Working pressure of geyser should be not less than 8bar or 60N/sq.cm. The heating element of geyser must be glass coated. The temperature range of geyser should be 25 degree celsius to 80 degree celsius. Rated power of the geyser should not be more than 2000 Watt and operating voltage should be 230 Volt Single phase. The geyser should be vertical mounting type. The geyser should have red and Green indication for heating mode and non heating mode respectively. The geyser should aesthetically look good along with all the accessories like anchor fastner, cold& hot inlet pipes. The approved model of geyser of different make are Racold Andris (AN 15 LUX PLUS 2KW)/USHA Aquerra DG/Crompton Solarium Care/Jaquar Alena/Bajaj Compagno/ Havells Bianca. Model other than models mentioned for different make will not be accepted in any case.	Nos.	4		
Grand Total					

GST on work contract will be extra as applicable.