

LONGDING BRANCH VERTICAL EXTENSION, ASSAM
BOQ for Electrical and allied 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 PVC 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	120		
ii)	with 3nos 6sq.mm (1ECC)	RM	60		
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 VTPN Double Door Distribution Board with 100 A 4 Pole MCCB (36kA) as incomer and 10 Nos. 32A SP MCB's at outgoing	Set	1		
ii)	Light DB SPN double door with 40A (30mA)DP RCCB as incomer & 5 nos 10A SP MCB as outgoing.	Set	2		
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	40		
4	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 2 nos 6A socket with single 16A switch and cable outlet 8mm for TV unit.	No.s	5		

ii)	With 3 nos 6A socket with single switch power socket.	No.s	12		
iii)	With 2 nos A 16/6A socket with individual switch power socket.	No.s	4		
iv)	With 1 nos 16A socket with individual switch	No.s	2		
5	Supply, installation and testing of Roud recessed mounted 12/15 W LED edge lit slim down light with die-cast aluminium housing finished in premium white powder coating. efficacy: 120lm/W (12/15 W LED). Make :- /Havels/Phillips/Wipro/ Crompton or equivalent. (Model to be approved by Bank's Engineer)	Nos	15		
6	Supply installation testing and commissioning of 6 W LED bulb. Make :- Bajaj/Havels/Phillips/Wipro/Crompton or equivalent	Nos.	10		
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. LHFOAJETZ11060 or or similar design and specification approved by Bank's Engineer.)	Nos	8		
8	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	36		
9	Supplying, installation,testing & commissioning of Security ligh with 25W LED lamps with pressure die cast housing with epoxy coated dark graphite grey colour finish and prismatic polycarbonates cover with individual LED lenses, including necessary GI bracket with clamp. Make :- Bajaj/ Havels/ Phillips/ Wipro/ Crompton or equivalent	Nos.	4		
10	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 specificationand design approved by Bank's Engineer)		9		
11	Supply and installation of heavy duty Exhaust Fan 300 mm crompton/ bajaj/ usha/ havells make	No.s	7		

12	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 WITH CEILING ROSE and as per site requirement and as instructed by SBI Engineer.				
a	Light point one switch control one light/ fan and one batten holder in each room & other point with Ceiling rose.	Nos	40		
b	Light point one switch control two light	Nos	15		
c	Two way point in bedroom(2 nos each room) for light and fan	Nos	5		
d	Ceiling Fan point with regulator(2M)360 degree rotation	Nos	9		
e	Exhaust fan point with Ceiling rose.	Nos	7		
f	Call bell point 6A bell push 1 Module with Electronic chime(ding dong 230v-2 module)	Nos	5		
h	same Board 6 Amps with switch and socket.	Nos.	9		
13	16 A modular MCB for Geyser point and 16A socket	Nos.	5		
14	Supply and fixing of modular 25A AC starter 2M to be provided separately with switch board.	Nos.	4		
15	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine finned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	RM	80		
16	Supply, installation and commissioning of industrial socket plug for store room	Nos.	1		
	Grand Total				

GST on work contract will be extra as applicable.