

**STATE BANK OF INDIA  
LOCAL HEAD OFFICE, GUWAHATI  
PREMISES & ESTATE DEPARTMENT  
GUWAHATI, ASSAM.**

**CONFERENCE ROOM LHO GUWAHATI  
BOQ of Electrical Installation Works for renovation of CONFERENCE ROOM**

Sl.No.	Description	UOM	Qty.	Rate (Rs.) (Excl. GST)	Amount (Rs.) (Excl. GST)
1	Wiring for the following light / wall fan, exhaust fan, call bell points with 1.5 sq.mm PVC insulated stranded Cu conductor wire in concealed / exposed medium grade ISI marked PVC conduits as called for in specification including providing 1 sq.mm insulated Cu. earth wire including cost of circuit wiring from DB to the point with 2 x 2.5 sq.mm + 1 x 1.5 sq.mm complete with providing & fixing of accessories like saddles, clamps, flexible pipes, dash fasteners etc. Modular switches with face plates, switch boxes, grid plates are included in the above rates. The rate shall include cost of circuit wiring.				
	(Wherever required as per standard specifications).				
a)	Each circuit shall have independent earth wire.				
b)	Each point shall be earthed.				
c)	Circuit wiring is to be included in point wiring rates.				
i	One light points controlled by one 6 amp. Modular switch	No's	1.0		
ii	Two light points controlled by one 6 amp. Modular switch	No's	1.0		
iii	Three light points controlled by one 6 amp. Modular switch	No's	2.0		
iv	Four light points controlled by one 6 amp. Modular switch	No's	6.0		
v	One call bell point with ceiling rose / 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	No's	1.0		
vi	One wall fan / exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level	No's	10.0		
vii	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.	No's	12.0		
a)	Dependent points	No's	1.0		
viii	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sqmm copper conductor wires FRLS insulated 1100V grade				
a	Primary	No's	1.0		
b	Secondary	No's	1.0		
<b>2</b>	<b>POWER POINTS</b>				
	Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1 <sup>st</sup> socket and 1 <sup>st</sup> to 2 <sup>nd</sup> , socket with 2*2.5 sq.mm. and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly).				
a)	Primary point	No's	10.0		
b)	Secondary point	No's	5.0		
3	Same as serial no.1, but wiring for A/C socket by using 4*6 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*6.0 sq.mm. PVC insulated 1100 V grade copper conductor wire and weather proof type 4 way SPN DB complete in all respects controlled by with 40 Amp TPN (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit (includes wires for terminal connection of outdoor unit from TPN) including wiring to the terminals of the outdoor unit from weather proof box. Item to also include termination lid between MCB and outdoor unit.	Nos.	3.0		

<b>4</b>	<b>COMPUTER POINTS</b>				
a	Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular switch with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter.				
	Primary	Nos.	10.0		
	Secondary	Nos.	3.0		
b	Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have <b>1 nos. 16 amps 5 pin modular type sockets, 1 No's 16 amps modular switch</b> with all accessories, inner/ outer plates, metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by the engineer incharge.				
	Primary	Nos.	5.0		
	Secondary	Nos.	5.0		
	<b>CONDUITING FOR TELEPHONE, COMPUTER &amp; CONDUITING, WIRING FOR T.V. SYSTEM.</b>				
<b>5</b>	<b>TELEPHONE SYSTEM</b>				
5.1	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for telephone socket with shutter, RJ 47 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length from the I/O hub to the point.	Nos.	50.0		
<b>6.0</b>	<b>COMPUTER NETWORKING</b>				
6.1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length from the I/O hub to the point.	Nos.	8.0		
6.2	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	8.0		
6.3	Supplying and fixing Patch Cord-1 Meter	Nos.	8.0		
<b>7</b>	<b>LIGHT FIXTURES &amp; ACCESSORIES</b>				
7.1	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Architect / Engineer-in-charge				
i	Hanging Profile light 50mm wide complete with LED strip 5700K with driver, end cap and necessary installation fittings as per approval of Engineer in charge / Architect.	R.mtr	23.0		

ii	Supplying, fixing, testing and commissioning of 18W LED commercial type down lighter of make As specified in tender document or approved by Engineer in charge / Architect.	No's	24.0		
v	Supplying, fixing, testing and commissioning of 9W LED commercial type down lighter of make As specified in tender document or approved by Engineer in charge / Architect.	No's	2.0		
vi	LED Strip for cove lighting 15 W per 5 M with driver and necessary installation supporting fittings of Led strip light (5 mtr.) make as specified in tender document or approved by Engineer in charge / Architect.	No's	5.0		
iii)	Dismantling, Disconnecting and Removing existing electrical fixtures and fitting, switches, sockets, MCB's, AC point, Light & Power points, MS Boxes, Face Plates, ceiling/wall fans, wiring etc. along with wiring. Item includes repairing of holes due to removal of fittings swiches/sockets and boxes in wall/ceiling/floor etc. including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as per instructions of Engineer in charge / Architect.	LS	1.0		
<b>8</b>	<b>PUBLIC ADDRESS SYSTEM</b>				
8.1	Point Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following <b>FRLS PVC conduits</b> including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit. including all accessories.	Nos.	6.0		
8.2	Supply, installation, testing and commissioning of following Philips (BOSCH) make Music Accessories / Equipments.				
a)	Ceiling Speaker Unit 6 Watts	Nos.	6.0		
	<b>TOTAL (Excluding GST)</b>				