

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

ELECTRICAL INSTALLATION WORK OF RACC NAGAON, ASSAM

PRICE BID

Sl.No.	Description	UOM	Qty.	Rate (Exclusive of GST)	Amount (Exclusive of GST)
1	Main Panel :- Supply and Installation,testing and commissioning of floor/wall mounted panel fabricated with 16SWG CRCA sheet. The panel shall be dust and vermin proof including internal connection with bus bar/cables up to the terminals duly painted with two coats of Seimens grey powder coated paint,danger board etc. and comprising of the following:- i) INCOMER: a) 160 amp ,4P ,36KA MCCB with control fuses three LEDs R,Y,B.(APDCL) along with ammeter & Voltmeters of relevant range and selector switch ii) OUTGOING: a) 200 amp tinned copper busbar i) 3 nos. 63A 4P MCCB of 36 kA	Set	1		
2	APFC Panel:- Supplying, Installing, testing and commissioning of 15 kVAr APFC panel floor/wall mounted front operated toatly enclosed vermin proof indoor non drowout cubical type power panel fabricated out of 16SWG thick CRCA sheet having gasketed hinged cover on each cubicle fully powder coated with suitable bus bar for connecting the capacitors, MCBs, contactors etc. with the following accessories: A set of RYB LED indication lamp as incomer 63A TPN MCB C-type as incomer-01no., 2 no. 32A 3p contactor for 5kVAR, 2 nos. 25A 3P contactor for 2 kVAR and 16A 3P contactor for 1 kVAR with 2 nos. 5KVAR, 2 nos. 2KVAR and 1 no. 1KVar capacitor alongwith 6 step APFC relay. THE panel shoulf have On/OFF push button for each capacitor with respective ON/OFF indication LED lamp	Set	1		
3	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/ Gloster/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 and 1 no. 2.5sqmm (1ECC)	RM	220		
ii)	with 2nos 6sq.mm and one no. 4 sqmm (1ECC)	RM	140		
4	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, 12way SPN double door with 40A (30mA)DP RCCB as incomer & 10 nos 10A SP MCB as outgoing.	No.s	2		
ii)	2way DB with 40A DP MCB	No.s	2		
iii)	2 way DB with 63A DP MCB.	No.s	2		
iv)	2 way DB with 16A DP MCB.	No.s	2		
v)	2 way DB with 32 A DP RCCB, 30mA for AC	No.s	10		
vi)	4way VTPN Double Door Distribution Board with 63 A 4 Pole MCCB (36kA) as incomer and 12 Nos. 20-32A C curve type SP MCB's at outgoing (ACDB)	Set	1		
vii)	4way VTPN Double Door Distribution Board with 63 4 Pole MCCB (36kA) as incomer and 2 No. of 40A SP MCB , 5 nos. of 20-32 A SP MCB, 5 nos of 6-16A SP MCB at outgoing. All MCB should be C curve type (LPDB)	Set	1		

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viii)	Light DB 12 way SPN double door with 32A (100mA)DP RCCB as incomer & 10 nos 10A SP MCB as outgoing.	No.s	2		
ix)	UPS Changeover Panel: Supply & installation of 16 SWG thickness sheet steel enclosure including the following duly interconnected with 1no. 63 A DP ON load change over switch and distribution in various areas. i) 3 Nos. 25 mm x 6 mm tinned copper bus bars (Ph-1,N-1,E-1) ii) 6 Nos. 40 Amp DP MCB and 2 Nos.(Legrand/Siemence/Schnider) UPS Changeover	No.s	1		
5	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 35 sq. mm cable	RM	100		
ii)	With 3.5 core x 50 sq. mm cable	RM	50		
6	Supply, installing and commissioning of earth station including digging and refilling back the pit with black soil and with 3.15mm x300mm size copper plate duly tinned through out the surface of the plate, placed at least 3.0 Mtr,below the ground level with 2nos 10sq.mm PVC insulated stranded copper conductor in 20mm GI pipe, fixed to the plate and providing 40mm,3.1mtr,long GI pipe with reducer and funnel at top for watering pipe with supplying and laying earth continuity wire of 2x10sq.mm copper stranded PVC green color in heavy duty MS conduit on the wall from earth plate to starting point of the line earth connector.	Set	4		
7	Supplying and fixing 2X8 SWG dia copper earth wire in hard PVC conduit on surface or in recess including supply 2 nos. of earth bus for earthing from Eathpit to Earth Busbar odistributed upto to DBs	Mtr	80		
8	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 CDB/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 two points in single circuit)				
i)	With 3nos 6A socket with single 16A switch.	No.s	35		
ii)	With 2nos 16A socket with individual switch.	No.s	25		
iii)	With 1nos 16A socket with individual switch.	No.s	10		
9	Supply & Fixing of 15Watt commercial down lights of system efficacy >100lm/W. The light should be recessed mounted slim circular type LED panel with die-cast aluminium housing 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 :- Bajaj/Havels/Phillips/Wipro/Crompton/Jaquar or equivalent	Nos	40		

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10	Supply and fixing of 2'x2' LED commercial Luminaire of 36 Watt with system efficacy of 110lm/W. 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 :- Bajaj/Havels/Phillips/Wipro/Crompton/Jaquar or equivalent	Nos	30		
11	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 :- Bajaj/Havels/Phillips/Wipro/ Crompton/Jaquar or equivalent	Nos	20		
13	Supply and installation of 5 Star rated Ceiling fan 1200 mm crompton/bajaj/usha/havell's make	No.s	6		
14	Supply and installation of Heavy Duty metallic body & Blades Exhaust Fan 225/300 mm crompton/bajaj/usha/havell's make	No.s	5		
15	Supplying, installation, testing & commissioning of Security light 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.	2		
16	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/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 Bank Engineer.				
i)	one light/fan controlled by one switch	No.s	130		
ii)	6A socket & switch at same board	No.s	10		
iii)	Fan Point with electronic modular type regulator.	No.s	6		
17	Miscellaneous work: Dismantling, removing of old wires, cables, conduits and fixtures, DBs, panel etc. and supplying temporary power connection to the work stations for functioning of branch. Checking of all electrical gadgets including main panel very carefully and necessary maintenance as and where required	Lot	1		
GST on work contract will be extra as applicable.			Total		