

**INTERIOR ELECTRICAL WORKS OF 1st, 2nd & 3rd FLOOR OF THE PROPOSED SBI LHO
FOR ELECTRICAL WORKS FOR FIRST, SECOND & THIRD FLOOR**

BILL OF QUANTITIES / PRICE BID (TO BE SUBMITTED ONLINE ONLY)

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
	SECTION 1 - DISTRIBUTION BOARDS				
1	<p>LDB: Supply, Installation, testing and commissioning of Double door 8 way TPN MCB DB consisting of the following.</p> <p>32A 4 Pole MCB (C-Series) as Incomer - 1 No.</p> <p>25A, 30mA DP ELCB as Incomer- 3Nos.</p> <p>6A 'C' Series SP MCB as out going - 18 Nos.</p> <p>The incoming copper conductors should be connected directly to the DB Earth benches and the body should be earthed from DB earth bench or out side main earth bench if any.</p> <p>Complete with all inter connections and neat marking/identification of DB Name, Cable Size and outgoing MCBs using good quality stickers /paint.</p>	6	Set		
2	<p>PDB (RAW POWER DB) : Supply, Installation, testing and commissioning of Double door 8 way VERTICAL TPN MCB DB consisting of the following.</p> <p>40A 4 pole MCB and separate 40A 4 Pole 100mA ELCB as Incomer - 1 No.</p> <p>10A SP MCB (C-Series) - 20 Nos.</p> <p>Dummy Plates-4 Nos.</p> <p>The incoming copper conductors should be connected directly to the DB Earth benches and the body should be earthed from DB earth bench or out side main earth bench if any.</p> <p>Complete with all inter connections and neat marking/identification of DB Name, Cable Size and outgoing MCBs using good quality stickers /paint.</p>	6	Set		
3	<p>COMPUTER DB (UPS OUTPUT DB) : Supply, Installation, testing and commissioning of Double door 8 way VERTICAL TPN MCB DB consisting of the following.</p> <p>40A 4 pole MCB and separate 40A 4 Pole 300mA ELCB as Incomer - 1 No.</p> <p>10A SP MCB (C-Series) - 20 Nos.</p> <p>Dummy Plates-4 Nos.</p> <p>The incoming copper conductors should be connected directly to the DB Earth benches and the body should be earthed from DB earth bench or out side main earth bench if any.</p>				

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
	Complete with all inter connections and neat marking/identification of DB Name, Cable Size and outgoing MCBs using good quality stickers /paint.				
	Complete with all inter connections and neat marking/identification of DB Name, Cable Size and outgoing MCBs using good quality stickers /paint.	6	Set		
4	EM -LDB: Supply, Installation, testing and commissioning of Double door 8 way TPN MCB DB consisting of the following. 32A 4 Pole MCB (C-Series) as Incomer - 1 No. 25A, 30mA DP ELCB as Incomer - 3 Nos 6A 'C' Series SP MCB as out going - 18 Nos.				
	The incoming copper conductors should be connected directly to the DB Earth benches and the body should be earthed from DB earth bench or out side main earth bench if any.				
	Complete with all inter connections and neat marking/identification of DB Name, Cable Size and outgoing MCBs using good quality stickers /paint.	3	Set		
5	MAIN EM LIGHTING PANEL : Fabrication, Supply, Installation, testing and commissioning of free standing / wall mounting type dust and vermin proof Panel Board made out of 16 SWG CRCA sheet with powdercoated painting (siemens grey) and consisting of the following. 100A 4 Pole MCCB, 16 KA as Incomer - 1 No. 63A 'C' Series TP MCB as out going - 24 Nos.				
	The incoming copper conductors should be connected directly to the DB Earth benches and the body should be earthed from DB earth bench or out side main earth bench if any.				
	Complete with all inter connections and neat marking/identification of DB Name, Cable Size and outgoing MCBs using good quality stickers /paint.	1	Set		
	SECTION-2- LIGHT & POWER POINT WIRING				
	WIRING FOR LIGHT, FAN, PLUG, SOCKETS ETC				

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
6	POINT WIRING Supply and wiring for light/fan/exhaust fan/calling bell/mirror lamp/bulk head light/wall fans etc.with 3 plate ceiling rose and by using 3 X 1.5 Sqmm FRLS PVC insulated copper conductor wire in 20mm dia 1.6mm thick heavy duty rigid PVC conduit, controlled by 6 Amps modular type switch with provisions for modular type ceiling fan regulator on Metallic GI /PVC box as per site requirement. The Metallic GI box should be earthed properly. One way point. (The switch boards shall be placed at user friendly locations for easy ON/OFF. Separate Switch Board for EB/UPS lights. The Raw Power & UPS Power Supply to Record Room / Compactor Room / Document room etc.shall be taken though 16A S/S (Raw Power) fixed outside the respective entrance and to be taken to SBs inside respective room using 6/16A plug Top with 3 core 2.5 Sq.mm flexible cable with braided flexible hose.	200	No.		
7	Same as above but for secondary points (looped points)	201	Nos.		
8	Supply and Installation of Surface mount single load 360 degree PIR Occupancy Sensor having a detection range of 7 x 7 Meter. (Approved Make:Shneider/Hager/Legrand)	50	Nos.		
9	Supply and fixing of Modular type 6A, 2/3 pin plug points controlled 6A modular switch mounted on suitable Metallic GI / PVC box as per site requirement. (on common switch board)	200	No.		
10	Same as above but for modular type 6A 2/3 pin plug points with 6A modular type switch in separate location. (Token Dispenser / Display, Pedestal fans, other equipments etc)	6	No.		
11	Same as above but for 2 Nos. modular type 6 A 2/3 pin plug points with 2 nos. 6A modular type switch in separate location.	38	No.		
12	Supply and fixing of modular type 6/16A, 3 module plug socket with 16A modular type switch mounted on suitable Metallic GI / PVC box as per site requirement.	48	No.		
13	Supply and installation of Modular type 16A SP Switch on suitable Metallic GI / PVC box as per site requirement including cost of all accessories for group light control.	180	nos.		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
14	RAW POWER STATION : Supply and installation of combined 6A, 3pin modular plug socket & 16A combined 3 module modular plug socket controlled by 16A Switch in suitable single Metallic GI / PVC box as per site requirement for raw power supply in Tables / wall / partitions/ work stations etc.	230	No.		
15	UPS POWER STATIONS Supply, install, test and commissioning of computer power stations with 4 Nos. 6A modular type two module 2/3 pin sockets mounted on suitable Metallic GI / PVC box as per site requirement . The boxes should be fixed on Table / wall / partitions/ work stations consealed or open as required by Architect at site.	230	No.		
16	Supply, install, test and commissioning of 16A modular type master switch with indicator with suitable Metallic GI / PVC box as per site requirement . The boxes should be fixed on Table / wall / partitions/ work stations consealed or open as required by Architect at site for the main control of UPS Power Stations.	230	No.		
17	Supply and providing 6/16 A plug top and 1.5m long 3 core 2.5Sqmm flexible copper cable for taking incoming supply from 6/16A socket. (For Raw Power & UPS power supply to Record Rooms / Stationary Rooms). The 3 core cable shall be laid through braided hose (green) with supporting clamps placed inside strong room/locker room/record room for safe keeping of connecting cable.	10	Nos.		
18	CIRCUIT WIRING Supply and wiring wall / floor etc. / recessed / surface as per colour code with 3 runs of 1.1KV grade 1.5 Sqmm FRLSH PVC insulated flexible copper wire for phase neutral and earth conductor with standard colour coding, through ISI marked 20mm dia rigid PVC heavy duty conduit with all accessories. The rate includes the cost of complete wiring from switch box to switch box. (For lighting Circuits for point wiring)	1500	Mtr.		
19	Same as above but with 3 x 2.5 Sq.mm FRLSH PVC Insulated copper wire.	12500	Mtr.		
20	Same as above but with 3 x 4 Sq.mm FRLSH PVC Insulated copper wire.	414	Mtr.		
21	Supply and Laying of RG-06 TV Cable from Terrace to each TV Point in 20 mm dia Rigid heavy duty PVC Conduit	550	Mtr.		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
22	POP-UP TYPE FLUSH TYPE BOXES - (In flooring)				
22.1	3 M Boxes (Legrand make cat no. 0540 10 or equivalent)	2	Nos		
22.2	4 M Boxes (Legrand make cat no.0540 12 or equivalent)	2	Nos		
22.3	6M Boxes (Legrand make cat no. 0540 11 or equivalent)	2	Nos		
22.4	8M Boxes (Legrand make cat no. 0540 13 or equivalent)	2	Nos		
23	Installation Kit for Raised floors / Table top				
23.1	3 M	8	Nos		
23.2	6 M	0	Nos		
24	Supply and Charges for fixing wooden/steel framed laminated copies of Electrical Inspectorate/MSEDCL/Bank's Engineer/Architect approved as fitted drawings inside the Electrical room. (both schematic and layout drawings at two locations per floor)	6	Job		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
SECTION-3 - RACEWAY & CABLE TRAY					
25	FLOOR RACEWAYS / CONDUITS / JUNCTION BOXES : Supply and installation of following raceways / conduits / Junction Boxes in flooring.				
25.1	50 x 40 mm GI, 2 mm thick	10	Mtr.		
25.2	100 x 40 mm GI, 2 mm thick	6	Mtr.		
25.3	150 x 40 mm GI, 2 mm thick	15	Mtr.		
25.4	100 mm x 100 mm x 50 mm GI (cover 2.0mm thickness)	7	Nos.		
25.5	150 mm x 150 mm x 50 mm GI (cover 2.0mm thickness)	15	Nos.		
25.6	250 mm x 250 mm x 50 mm GI (cover 2.0mm thickness)	5	Nos.		
26	Supply and installation of perforated ready made 150mm wide 16 G GI cable tray for laying the wiring pipes, cables etc supported using threaded rods and slaugted angle channels nuts and bolts.	50	Mtr.		
27	Supply and installation of perforated ready made 200mm wide GI cable tray for laying the wiring pipes, cables etc supported using threaded rods and slaugted angle channels nuts and bolts.	50	Mtr.		
28	Supply and installation of perforated ready made 300mm wide GI cable tray for laying the wiring pipes, cables etc supported using threaded rods and slaugted angle channels nuts and bolts.	30	Mtr.		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
	SECTION-4 CABLES				
29	Supply, handling, laying effecting proper connections testing and commissioning of following sizes of 1.1 KV grade PVC / XLPE insulated Armoured Aluminium / Copper conductor cables. The cables shall be laid as per Hypercitys instruction or on cable trays laid over MS supports cable racks or fixing on walls including clamping the cable to supports in an approved manner as required complete with earthing as specified for continuous earthing along with cable . (The cost of the cable trays or ladders, excavation and back filling of trenches will be measured separate. The unit cost of the cable shall include clamps, fasteners etc. as required for proper installation. Earthing will be measured separately and need not be quoted under this item). All complete as required and as per final instruction as given by consultant/site engineer. The cables should be properly dressed and to be tied to the cable trays using appropriate cable ties.				
	ALUMINIUM CABLES				
29.1	4 Core 25 sq. mm. Al Armoured XLPE cable	50	RM		
29.2	4 Core 16 sq. mm. Al Armoured XLPE cable	135	RM		
30.0	Provide and install Cable terminations for the above cables including Single / Double compression type chrome plated brass glands and lugs (crimping type), PVC taping as required and all accessories complete.				
	ALUMINIUM CABLES				
30.1	3.5 Core 25 sq. mm. Al Armoured XLPE cable	2	Nos		
30.2	4 Core 16 sq. mm. Al Armoured XLPE cable	36	Nos		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
SECTION - 5 - LIGHT FIXTURES & FANS					
31	Supply and Installation of 12 Watts, 1200 System Lumens, 4000 K (CCT) (Neutral White), 2 kV surge protection LED commercial Down Light fitting with isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency and with die cast aluminium housing with virgin HET (High Efficiency Transluscent) diffuser.(Wipro Mollis or Philips green Perform Sleek/Green LEDI or equivalent) (2 year warranty)	100	Nos		
32	Supply and Installation of 15 Watts, 1500 System Lumens, 4000 K (CCT) (Neutral White), 2 kV surge protection LED commercial Down Light fitting with with isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency and with die cast aluminium housing virgin HET (High Efficiency Transluscent) diffuser.(Wipro Mollis or Philips green Perform Sleek/Green LEDI or equivalent) (2 year warranty)	70	Nos		
33	Supply and Installation of 18 Watts, 1800 System Lumens, 4000 K (CCT) (Neutral White), 2 kV surge protection LED commercial Down Light fitting with isolated DALI (Digital Addressible Lighting Interface) Driver and with die cast aluminium housing virgin HET (High Efficiency Transluscent) diffuser.(Wipro Mollis or Philips green Perform Sleek/Green LEDI or equivalent) (2 year warranty)	70	Nos		
34	Supply and Installation of 12 Watts, 1200 System Lumens, 4000 K (CCT) (Neutral White) 2 kV surge protection LED commercial Down Light fitting with isolated Driver with 85% min. driver efficiency and with die cast aluminium housing and virgin HET (High Efficiency Transluscent) diffuser. (Wipro Mollis or Philips green Perform Sleek/Green LEDI or equivalent) (2 year warranty)	60	Nos		
35	Supply and Installation of 15 Watts, 1500 System Lumens, 4000 K (CCT) (Neutral White) 2 kV surge protection LED commercial Down Light fitting with isolated Driver with 85% min. driver efficiency and with die cast aluminium housing virgin HET (High Efficiency Transluscent) diffuser (Wipro Mollis or equivalent) (2 year warranty) (Wipro Mollis or Philips green Perform Sleek/Green LEDI or equivalent) (2 year warranty)	40	Nos		
36	Supply and Installation of 18 Watts, 1500 System Lumens, 4000 K (CCT) (Neutral White) 2 kV surge protection LED commercial Down Light fitting with isolated Driver with 85% min. driver efficiency and with die cast aluminium housing virgin HET (High Efficiency Transluscent) diffuser. (Wipro Mollis Philips green Perform Sleek/Green LEDI or equivalent or equivalent) (2 year warranty)	40	Nos		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
37	Supply and installation of 4000K (CCT) suspended 120 degree Y connector with 1 feet, 5 Watts/feet, 50mm width, with system efficiency of minimum 100 lumen/Watt LED linear lighting on all 3 arms with integral isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency, for pattern formation of the linear light fitting with powder coated extruded aluminum housing black in colour and virgin HET (High Efficiency Transluscent) diffuser with all accessories and suspension kit for suspended installation. All joints should be smooth with no light leakage (Wipro Axeon+ or Philips Pureline or equivalent) (2 year warranty)	38	Nos.		
38	Supply and installation of 4000K (CCT) suspended 90 degree 'L' connector with 1 feet, 5.5 Watts Max/feet, 50mm width, with system efficiency of 100 lumen min./Watt LED linear lighting on all 2 arms with integral isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency for pattern formation of the linear light fitting with powder coated extruded aluminum housing black in colour and with virgin HET (High Efficiency Transluscent) diffuser with all accessories and suspension kit for suspended installation. (Wipro Axeon+ or Philips Pureline or equivalent) (2 year warranty)	5	Nos.		
39	Supply and installation of 4000K (CCT) suspended '+' (Cross) connector with 1 feet, 5.5 Watts Max/feet, 50mm width, with system efficiency of 100 lumen min./Watt LED linear lighting on all 4 arms with integral isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency for pattern formation of the linear light fitting with powder coated extruded aluminum housing black in colour and with virgin HET (High Efficiency Transluscent) diffuser with all accessories and suspension kit for suspended installation. All joints should be smooth with no light leakage All joints should be smooth with no light leakage (Wipro Axeon+ or Philips Pureline or equivalent) (2 year warranty)	5	Nos.		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
40	<p>Supply and installation of 5 Watts per feet, 50mm wide,with system efficiency of Min. 100 lumen/Watt, (500 System Lumens), 4000 K (CCT) (Neutral White), 2 kV surge protection, suspended Linear LED Light fittings with isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency and with powder coated extruded aluminum housing black in colour and end caps and with all accessories and suspension kit for suspended installation. All joints should be smooth with no light leakage</p> <p>The linear lighting pattern for any length of straight portion and arms should be made possible at site using Sl.No.3& 4 under light fixtures to match the work station layout and cabins.</p>	73	Mtr		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
41	Supply and installation of 4000K suspended 120 degree Y connector with 1 feet, 7.5 Watts/feet, 50mm width, with system efficiency of Min. 100 lumen/Watt LED linear lighting on all 3 arms with integral isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency, for pattern formation of the linear light fitting with powder coated extruded aluminum housing black in colour with all accessories for suspended installation. All joints should be smooth with no light leakage(Wipro Axeon+ or Philips Pureline or equivalent) (2 year warranty)	63	Nos.		
42	Supply and installation of 7.5 watts per feet, 50mm wide,with system efficiency of Min. 100 lumen/Watt (750 System Lumens), 4000 K (Neutral White), 2 kV surge protection, suspended Linear LED Light fittings with isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency and with powder coated extruded aluminum housing black in colour and end caps and with all accessories and suspension kit for suspended installation. All joints should be smooth with no light leakage (Wipro Axeon+ or Philips Pureline or equivalent) (2 year warranty) The linear lighting pattern for any length of straight portion and arms should be made possible at site using Sl.No. 5 & 6 under light fixtures to match the work station layout and cabins.	148	Mtr		
43	Supply and installation of 30 Watt, 4 feet, Min. 3000 System Lumens, 4000 K (Neutral White), 2 kV surge protection, suspended Linear LED Light fittings with isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency and with powder coated extruded aluminum housing black in colour and with all accessories for suspended installation.	6	Nos		
44	Supply and installation of 40 Watt, 8 feet, Min.4000 System Lumens, 4000 K (Neutral White), 2 kV surge protection, suspended Linear LED Light fittings with isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency and with powder coated extruded aluminum housing black in colour and with all accessories for suspended installation. (Wipro Axeon+ or Philips Pureline or equivalent) (2 year warranty)	6	Nos		
45	Supply and installation of Wireless 5 Button Wall mounting DALI based control switches for the group/invidual control of linear and down light fittings in any pattern formation including all mounting accessories like plate, box etc as per manufacturer instructions. (Wipro iSense or equivalent) (2 year warranty)	42.00	Nos.		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
46	Supply and installation of Wireless 8 Button Wall mounting DALI based control switches for the group/invidual control of linear and down light fittings in any pattern formation including all mounting accessories like plate, box etc as per manufacturer instructions. (Wipro iSense or equivalent) (2 year warranty)	3.00	Nos.		
47	Supply and installation of 4 driver controller for the interface between wall mounted control and lighting fixtures including connected cabling. (Wipro iSense or equivalent) (2 year warranty)	28.00	nos.		
48	Supply and installation of 32 driver controller for the interface between wall mounted control and lighting fixtures including connected cabling. (Wipro iSense or equivalent) (2 year warranty)	15.00	nos.		
49	Supply and installation of 12 Watt, 1200 Lumens, 4000 K (Neutral White) Cylindrical LED Wall Light (downward) fittings with Driver and with Black die cast aluminium housing and with all standard accessories for installation. (2 year warranty). Wipro/Philips or equivalent	10	Nos		
50	Supply and installation of 33 Watt, 2970 Lumens, 4000 K (Neutral White) Recess mounted 2x2 ft size LED edge backlit direct-indirect light, Light fittings with DALI (Digital Addressible Lighting Interface) Driver and with all standard accessories for installation. Wipro Verge or Philips Day Space or equivalent (2 year warranty)	2	Nos		
51	Supply and installation of recess mounted full glow 36 Watt, 3600 Lumens, 4000 K (Neutral White) Recess mounted 2 x 2 ft size LED Light fittings with diffuser and all mounting accessories complete. Wipro Immaculate or Philips Full Glow G6 or equivalent (2 year warranty)	4	Nos		
52	Supply and installation of 800 mm dia, 40 Watt, 3500 Lumens, 4000 K (CCT) Neutral White Suspended circular full glow LED Light fittings with Driver and all suspension kit and accessories for its suspended installation. (Wipro Orbit or equivalent) (2 year warranty)	6	Nos		
53	Supply and installation of 800mm dia, 40 Watt, 4000 K (CCT), Neutral White, Suspended Heaxgon shaped full glow LED Light fittings with with isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency and all suspension kit and accessories for its suspended installation. (Wipro Hexa or equivalent) (2 year warranty)	5	Nos		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
54	Supply and installation of 600mm dia, 30 Watt, 4000 K (Neutral White) Suspended circular ring LED Light fittings with with isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency and all suspension kit and accessories for its suspended installation. (Wipro Orbit ring or equivalent) (2 year warranty)	5	Nos		
55	Supply and installation of 600mm dia, 30 Watt,4000 K (CCT), Neutral White, Suspended Heaxgon shaped ring LED Light fittings with with isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency and all suspension kit and accessories for its suspended installation. (Wipro Hexa ring or equivalent) (2 year warranty)	5	Nos		
56	Supply and installation of 20 Watts per 4 feet, 50mm wide , 4000 K (Neutral White) suspended curve LED Light fittings (in '8' pattern) with isolated DALI (Digital Addressible Lighting Interface) Driver with 85% min. driver efficiency and with powder coated extruded aluminum housing black in colour and end caps and with all accessories for suspended installation. (2 year warranty) Wipro / Philips or equivalent	48	Mtr.		
57	SITC of Linear type 25 mm wide LED profile light with Aluminium casing and acrylic diffuser with 16 Watts per Metre LEDs (Wipro/Philips make) with high colour consistency including inbuilt connectors, LED drivers, end caps and mounting clips etc. (Neutral White 4000K (CCT).	48	Mtr.		
58	SITC of Linear type 50mm wide LED profile light with Aluminium casing acrylic diffuser with 32 Watts per Metre and LEDs (Wipro/Philips make) with high colour consistency including inbuilt connectors, LED drivers, end caps and mounting clips etc. (Neutral White 4000K (CCT).	48	Mtr.		
59	SITC of Linear type 75mm wide LED profile light with Aluminium casing acrylic diffuser with 48 Watts per Metre and LEDs (Wipro/Philips make) with high colour consistency including inbuilt connectors, LED drivers, end caps and mounting clips etc. (Neutral White 4000K (CCT).	25	Mtr.		
60	Supply and Installation of LED Picture Lamp (costing Rs.1500/- per piece and as selected by Architect)	15	Nos.		
61	Supply and providing IP 20 type, 10w / Metre flexible LED Strip light (Any colour as selected by the Architect at Site) with the corresponding driver of 5/10A including cost of driver unit. Philips / Wipro Garnet make.	250	Mtr.		
62	Supply and providing IP 20 type, 16 Watts / Metre flexible LED Strip light (Any colour as selected by the Architect at Site) with the corresponding driver of 5/10A including cost of driver unit. Philips / Wipro Garnet make.	250	Mtr.		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
63	Supply and installation of 12 Watts recess mounting round Sky Cob tilt LED Spot light fitting with metal housing. (Neutral White) Philips/Wipro or Equivalent	25	Nos.		
64	Supply and installation of 7 Watts recess mounting round Sky Cob tilt LED Spot light fitting with metal housing. (Neutral White) Philips/Wipro or Equivalent.	25	Nos.		
65	Supply & installation of Mains power operated electronic calling bell	15	Nos		
66	Supply and Installation of 20 / 21W, 4 Feet LED Batten Light fitting with suitable mounting clips. Philips Slimline or equivalent.	20	Nos.		
	FANS				
67	Supply and installation of exhaust fan (Toilets) Crompton / Almonard make. The cost shall be inclusive of cost of wall cutting, its re-plastering finishing and fabricated mettalic grill grouted to the outside wall.	6	Nos.		
68	Supply and installation of 12" size Heavy duty exhaust fan with metallic body in the new UPS Room with required wall opening and its finishing thereof. The cost shall be inclusive of cost of wall cutting, its re-plastering finishing and fabricated mettalic grill grouted to the outside wall.	2	No.		
69	Supply and installation of 5 Star rated 1200mm Sweep BLDC ceiling fan without remote (Crompton High Speed / Atomberg)	5	Nos.		
70	Supply and Installation of step type 2 Module modular electronic regulator.	5	No.		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
SECTION - 6 - EARTHING					
71	Supply of Installation of Following Earthing Material wire including necessary accessories, clamping to walls, cables etc. as required and interconnection between lengths as per specifications and as per good installation practice. The rate shall include all supports, accessories and hardware necessary for proper installation. (All GI strips should be welded on a lap joint practice and two coats of bitumin paint of should be applied on the same to avoid corrosion in future. And all copper strips should be brazed on a lap joint parctice and should be insulated with PVC sleeve while running on cable trays / wall.) And GI / Al / Cu SWG wires should be terminared using ring types lugs.				
COPPER EARTH CONDUCTORS					
71.1	1 x 8 SWG hard drawn bare copper conductor	200	RM		
71.2	25 x 3 mm Copper Strip for Main Panel	90	RM		
COPPER EARTH CONDUCTORS					
71.3	1C X 4 Sq. mm Cu. Flexible wire	60	RM		
71.4	Earth Busbar box Using 400 X 200 X 150mm Cu Earth Busbar box & 30 X 5 mm , 300 mm long earth bus	12	Nos		
SECTION - 7 - SAFETY EQUIPMENTS					
72	Supply and providing of Electrical Grade Rubber Mat (2m x 1m x 6mm) (for COS & UPS room)	6	Nos.		
73	Supply and fixing of wooden/steel framed Shock Treatment chart with glass of Standard size. (UPS room & Near VDB)	6	Nos.		
74	Supply and fixing of LT DANGER BOARD Sticker (Red back ground with white letters and size of Min. 15x10 Cms) (on All DBs & UPS Room Door)	15	Nos.		
75	First Aid Box 300x300 with all necessary Kit	3	Nos		
76	Supply and fixing of approval make, 0.415kV grade, rubber gloves.	3	sets		

SR	DESCRIPTION	Qty	Unit	RATE	AMOUNT
	PART - B				
	SECTION 8 PUBLIC ADDRESS SYSTEM				
77	Supply and wiring as per colour code with 2.50 Sqmm PVC insulated stranded copper wire 2 runs through ISI grade 20mm conduit for speakers.	2000	m		
78	Supply and fixing 9W recessed type speakers on ceiling. Ahuja CS-663T /Bosch	100	No.		
79	Supply, Installation, Testing & commissioning of 240 W Amplifier with provision for connecting wired microphone and cordless microphone connectivity with 20 zone call station 1. Microcontroller based with builtin 240 Watt Amplifier 2. Automated Evacuation message facility all accessories etc to make the system complete. Amplifier with USB port.	1	No.		
GRAND TOTAL (EXCLUDING GST)					

Grand Total in Words: Rupees.....