

Sl.No.	Description of the Work	Unit	Quantity	Unit Rate in Rs.	Amount in Rs.	Rate reference
Internal Electrical Works,LED fittings with Earthing.						
1	Replacement by duly Supplying, and providing of Exhaust Fan 300 mm dia including replacement of 1.5 sqmm PVC insulated copper conductor if required. This includes the cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.	Nos	2.00			
2	Replacement by duly Supplying, and providing of Exhaust Fan 450 mm dia including replacement of 1.5 sqmm PVC insulated copper conductor if required. This includes the cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.	Nos	2.00			
3	Replacement by duly Supplying, and providing of Ceiling Fan 1200 mm dia including replacement of 1.5 sqmm PVC insulated copper conductor if required. This includes the cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.	Nos	5.00			
4	Repair of Ceiling Fan by duly replacing canopy, Capacitor,Ball Bearing etc including repairs to 1.5 Sq.mm PVC Insulated copper conductor if required. This includes the cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.	Nos	15.00			
5	Replacement by duly Supplying, and providing of Wall mounted Fan 400 mm dia including replacement of 1.5 sqmm PVC insulated copper conductor if required. This includes the cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.	Nos	2.00			
6	Repair of Wall mounted Fan by duly replacing canopy, Capacitor,Ball Bearing etc including repairs to 1.5 Sq.mm PVC Insulated copper conductor if required. This includes the cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.	Nos	5.00			

7	Repair/Replacement of energy efficient white LED fitting (Square/Rectangular) suitable for RC600B LED/40S W60L60/ W30L120 with LM-80category with a special diffuser including 50 watt LED lamp of approved make including replacement of 1.5 sqmm PVC insulated copper conductor if required. This includes the cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.	Nos	2.00			
8	Replacement by duly Supplying, and providing of energy efficient white LED down lighter suitable for 10 Watt conforming to LM-80 category with a special diffuser including 10 watt LED lamp of approved make including replacement of 1.5 sqmm PVC insulated copper conductor if required. This includes the cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge. (Model LD-49 of WIPRO/SS make of Philips/Halonex	Nos	20.00			
9	Replacement by duly Supplying,fixing of recess type energy efficiency White LED down lighter suitable for 6/7 watt LED confirming to LM-79/80 catagory wlth a spedal diffuser including 6/7watt LED lamp of approved make etc as reqd. including cost of all labours,materials,conveyance,loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge. (Model LD46 of Wipro/ SS make of Philips /halonix)	Nos	15.00			
10	Replacement by duly Supplying,fixing of surface type energy efficiency strip batten tube light fitting suitable for 1 x 28 watt T-5 lamp (with lamp) of approved make etc as reqd. including cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.(Philips or SS make)	Nos	15.00			
11	Repair/Replacement by duly Supplying,fixing of 40 Watts Tube light fitting with all auxiliaries for wall mounting with lamp etc as reqd.including cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.(Make : philips or similar Superior make)	Nos	12.00			
12	Supply & Provision of wall bracket /ceiling Wall mounting type (Model QWG328) fittings of all sizes and shapes containing upto two GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required.	Nos	10.00			

13	Repair/Replacement by duly Supplying and Fixing of 10 ltr capacity 3-star rated Gysar of copper water tank, with all required pipe accessories on the existing wall surface, making electrical/ water line connection, testing etc complete as reqd. (Waranty shall be as per Manufacturer) (Make: Khaitan/ Bajaj/ Havells/ SS make)	Nos	2.00			
Panels & cables						
	Replacement by duly Supplying, installation, testing and commisioning of cubicle main panel for indoor installation of weather proof design as per IP 54 class, made out of 2 mm thick CRCA sheet as per the drawing with cubicle type inernal arrangement of 1.6 mm thick sheet and with front & back opening system suitable for mounting following switch gears, busbars, metering unit, including painting with powder coated paint of approved colour and shed with earthing the body etc as reqd. (drawing shall be approved by engineer -in charge) (Kitchen & Recretion bldg)					
14	a) 250A, 4 pole MCCB, 36kA, with Microprocessor release 100-250A (Model D sine DN2-250D of L&T or SS make) -1 no	Nos	2.00			
15	b) 125A, 4 pole MCCB, 36kA, with thermal release 80-100A (Model D-Sine, DN0-100D of L&T or SS make) -2 no with mechanical interlock as per SLD	Nos	2.00			
16	c) 63A, 4 pole MCCB, 36kA, with thermal release 50-63A (Model D-Sine, DN0-100D of L&T or SS make) -4 no	Nos	2.00			
17	d) 40A, 3 pole MCCB, 36kA, with thermal release 32-40A (Model D-Sine, DN0-100D of L&T or SS make) - 7 no	Nos	3.00			
18	Outdoor cable jointing kit with cast resin compound with lugs for 2 X 16 sq. mm 1.1 kV grade cable.	Set	0.10			
19	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 16 sq. mm 1.1 kV grade cable.	Set	3			
20	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 25 sq. mm 1.1 kV grade cable.	Set	5			
21	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 35 sq. mm 1.1 kV grade cable.	Set	4			
22	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 50 sq. mm 1.1 kV grade cable.	Set	2			
23	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 70 sq. mm 1.1 kV grade cable.	Set	2			
24	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 95 sq. mm 1.1 kV grade cable.	Set	2			
25	Outdoor cable jointing kit with cast resin compound with lugs for 3 X120 sq. mm 1.1 kV grade cable.	Set	2			
26	Outdoor cable jointing kit with cast resin compound with lugs for 3 X150 sq. mm 1.1 kV grade cable.	Set	2			
27	Outdoor cable jointing kit with cast resin compound with lugs for 3 X185 sq. mm 1.1 kV grade cable.	Set	2			
28	Outdoor cable jointing kit with cast resin compound with lugs for 3 X225 sq. mm 1.1 kV grade cable.	Set	2			
29	Outdoor cable jointing kit with cast resin compound with lugs for 3 Core X 300 sq. mm 1.1 kV grade cable.	Set	1			
30	Outdoor cable jointing kit with cast resin compound with lugs for 3.5 CoreX 25 sq. mm 1.1 kV grade cable.	Set	2			

31	Outdoor cable jointing kit with cast resin compound with lugs for 3.5.CoreX 35 sq. mm 1.1 kV grade cable.	Set	2			
32	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 50 sq. mm 1.1 kV grade cable.	Set	2			
33	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 95 sq. mm 1.1 kV grade cable.	Set	2			
34	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 120 sq. mm 1.1 kV grade cable.	Set	1			
35	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 185 sq. mm 1.1 kV grade cable.	Set	1			
36	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 225 sq. mm 1.1 kV grade cable.	Set	1			
37	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 240 sq. mm 1.1 kV grade cable.	Set	1			
38	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 300 sq. mm 1.1 kV grade cable.	Set	1			
39	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.					
a)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm Earth wire	Meter	200.00			
b)	4x1.5 Sq.mm+ 2x1.5 Sq.mm Earth Wire	Meter	100.00			
c)	6x 1.5 Sq.mm + 3x 1.5 Sq.mm Earth wire	Meter	75.00			
d)	2 X 2.5 sq. mm + 1 X 2.5 sq. mm Earth wire	Meter	200.00			
e)	4x 2.5 Sq.mm + 2x2.5 Sq.mm Earth Wire	Meter	100.00			
f)	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Meter	150.00			
g)	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Meter	100.00			
h)	2 X 16 sq. mm + 1 X 6 sq. mm earth wire	Meter	100.00			
i)	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	Meter	50.00			
Switches & sockets						
	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.					
40	a) 5/6 A switch	Each	15			
41	b)3 pin 5/6 A modular socket outlet, ISI marked	Each	15			
42	b) 2 way 5/6 A switch	Each	10			
43	e) 15/16 A switch	Each	15			
44	f) 3 pin 5/6 A socket outlet	Each	15			
45	g) 6 pin 15/16 A modular socket outlet, ISI marked	Each	5			
46	h) Telephone socket outlet	Each	5			
47	i) Bell push, piano type	Each	5			
48	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	5			
49	Supplying and fixing call bell/ buzzer suitable for single phase 230 V, complete as required.	Each	10			
Grand Total						