

Name of the Work - "Refurbishment of electricals of Annex building near Officer Club with modular fittings and energy efficient accessories of Rajrappa Area"

ITC not Available

SI .No	Description	Quantity	Units	Rate
1	Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required.			
1.1	Group A	4	each	
1.2	Group C	5	each	
2	Wiring for circuit/submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.			
2.1	2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	20	meter	
2.2	2 x 4 sq. mm + 1 x 4 sq. mm earth wire	140	meter	
2.3	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	30	meter	
3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.			
3.1	2 x 1.5 sq. mm	145	meter	
3.2	2 x 2.5 sq. mm	485	meter	
3.3	3 x 2.5 sq. mm	120	meter	
3.4	3 x 4 sq. mm	80	meter	
3.5	5 x 4 sq. mm	65	meter	
3.6	6 x 4 sq. mm	55	meter	
3.7	7 x 4 sq. mm	50	meter	
3.8	8 x 4 sq. mm	40	meter	
3.9	9 x 4 sq. mm	30	meter	
4	10 x 4 sq. mm	25	meter	
5	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.			
5.1	20 mm	560	Meter	
5.2	25 mm	200	Meter	
6	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.			
6.1	5/6 A switch	5	ech	

6.2	15/16 A switch	12	ech	
6.3	3 pin 5/6 A socket outlet	65	ech	
6.4	6 pin 15/16 A socket outlet	12	ech	
7	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.	1	Each	
8	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.			
8.1	1 or 2 Module (75mmX75mm)	65	Each	
8.2	3 Module (100mmX75mm)	5	Each	
8.3	4 Module (125mmX75mm)	15	Each	
8.4	6 Module (200mmX75mm)	5	Each	
8.5	8 Module (125mmX125mm)	2	Each	
9	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	5	Each	
10	Installation, Testing, Commissioning of wall bracket/ ceiling fittings of all sizes and shapes containing upto two GLS/ CFL/ LED lamps per fitting, complete with all accessories including connections etc. as required.	22	Each	
11	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.			
11.1	Upto 450 mm sweep	4	Each	
12	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc.as required.	14	Each	
13	Supplying and fixing PVC batten/ angle holder including connections etc.as required.	5	Each	
14	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240V, on surface/ recess, complete with tinned copper bus bar,neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)			
14.1	6 way double door	3	Each	
15	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MOB distribution board, 415V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar,din bar, interconnections, powder painted			

	including earthing etc. as required. (But without MCB/ RCCB/ Isolator)			
15.1	6 way (4 + 18), Double door	2	Each	
16	Supplying and fixing 5 A to 32 A rating, 240/ 415V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MOB DB complete with connections, testing and commissioning etc. as required.			
16.1	Single Pole	16	Each	
16.2	Double Pole	20	Each	
17	Supplying and fixing following rating, four pole, 415V, isolator in the existing MOB DB complete with connections, testing and commissioning etc. as required.			
17.1	100 A	2	Each	
18	Supplying, installing, testing and commissioning of following capacity TPN tap off box made of 1.6 mm thick sheet steel enclosure duly painted with powder coating on existing rising mains complete with TPN disconnecter FSU and HRC fuses, connections, earthing etc. as required.			
18.1	100 A TPN	1	Each	
19	Supplying and drawing of cable Fire Retardant PVC insulated copper conductor cable in the existing surface/ recessed steel conduit of following pairs, cores and size including connections and interconnections etc. as required.			
19.1	speaker cable Four pair, 2-core, 1.5 sq. mm	70	Each	
20	Supplying, installation, testing and commissioning of 100 A, 415 V, 4 Pole Cu bus bar unit with sheet steel encloser, connection, earthing etc. as required	1	Each	
21	Supplying and fixing of Cob LED down light fitting on ceiling, recess type of following watt including cutting the fall ceiling as per shape of light fitting, connection, etc. as required			
21.1	7 W, 230 V	12	Each	
21.2	18 W, 230 V	72	Each	
22	Supplying and fixing of Surface type LED panel light 12 W, 230 V including connection etc. as required	10	Each	
23	Supply and fixing of 2 x 9 W LED decorative wall mounting, brushed nickel finish fixture with apal glass diffuser.	22	Each	
24	Supplying and fixing of wall fan, 450 mm, 230 V including connection etc. as required	20	each	
25	Supply and fixing of following size/ Sweep of exhaust fan, Metallic			
25.1	150 mm sweep	2	Each	

25.2	300 mm sweep	2	Each	
26	With 3 metre G.I. pipes having outer pipe dia of 50mm having 80-200 micron galvanizing, Inner pipe dia. of 25mm having 200-250 Micron galvanizing, connection terminal dia. of 12mm in nominal soil with 50 kg (two bag) back filling bentonite compound UL listed and confirm to relevant International/ Indian standards around electrode upto ground level.	1	each	
27	Providing and fixing 25 mm X 5 mm GI. Strip on surface or in recess for connections etc. as required	10	mtr	
28	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size directing round including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.			
28.1	Upto 35 sq. mm	25.00	mtr	
29	Siupply of 35 sq. mm 4 core, 1.1 KV, PVC Armoured Al Cable	25	meter	
30	Total impact of gst	1	no	
31	Total	1	no	