



## SCHEDULE OF QUANTITY

Name of work: Electrical work for :

Part-A: Modification/ Renovation of electrical installation of vacate House No. 413 Type-IV.

Part-B: Modification/ Renovation of electrical installation of vacate House No. 162, 198, Type-IB.

Part-C: Modification/ Renovation of electrical installation of vacate House No. 224 Type-II

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
<b>Part-A:</b>					
1	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel conduit including dismantling as required.				
a)	Group 'B'	3.00	points		
2	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.				
a)	1 x 1.5 Sq.mm..	10.00	Mtr.		
b)	3 x 1.5 Sq.mm..	30.00	Mtr.		
c)	3 x 4 Sq.mm..	50.00	Mtr.		
3	Supplying and drawing telephone cable of 2 pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.	20.00	Mtr.		
4	S & F following piano type switch /socket on existing switch box/cover I/c connection etc as reqd.				
a)	5/6 Amp switch	10.00	Nos.		
b)	2 way5/6 Amp switch	1.00	Nos.		
c)	15/16 Amp. switch	3.00	Nos.		

<b>S. No</b>	<b>Description of Items</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate in Figures in Rupees</b>	<b>Amount</b>
<b>d)</b>	3 Pin 5/6 Amp. socket outlet	8.00	Nos.		
<b>e)</b>	6 Pin 15/16 Amp. socket outlet.	3.00	Nos.		
<b>f)</b>	Telephone socket outlet	1.00	Nos.		
<b>g)</b>	Bell push	1.00	Nos.		
<b>5</b>	Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc. as reqd.	10.00	Nos.		
<b>6</b>	Supplying and fixing brass batten/ angle holder including connection etc. as required.	5.00	Nos.		
<b>7</b>	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	1.00	Nos.		
<b>8</b>	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, 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).				
<b>b)</b>	16-way , Double door	1.00	Nos.		
<b>9</b>	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
<b>a)</b>	Single Pole	16.00	Nos.		
<b>10</b>	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
<b>b)</b>	63 Amp	1.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
11	Supply, Installation, Testing and Commissioning of 1200 mm sweep,BEE 5 star rated, ceiling fan with Brush Less Direct Current ( BLDC ) class of insulation: B, 3 nos.blades, 30 cm long down rod, 2nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value ( CMM/W) minimum 6.85, Air delivery minimum 215 CMM,350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin,nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm,suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc.complete as required.				
a)	1200 mm	1.00	Nos.		
12	Laying UTP cable enhanced cat 5/cat 6 cable in existing steel conduit pipe/GI pipe/ raceway / RCC pipe as reqd. the cost shall also include numbering of networking wire from room to rack as reqd. (wire will be supplied by dept)	20.00	Mtr.		
13	Fixing of RJ-45 modular box with cover plate or I/o box for internet on surface/ recessed cutting the wall making good the same as required. ( box and cover plate will be supplied by dept.)	1.00	Nos.		
14	S & F wood board of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in the front etc as reqd.				
a)	100 mm x 100 mm	5.00	Nos.		
b)	175 mm x 100 mm	2.00	Nos.		
c)	200 mm x 150 mm	1.00	Nos.		
d)	200 mm x 250 mm	1.00	Nos.		
15	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
a)	20 x 12 mm	20.00	Mtr.		
b)	25 x 16 mm	30.00	Mtr.		
c)	32x 16 mm	20.00	Mtr.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
16	Supplying and fixing fan regulator socket type rotary step as required.	1.00	Nos.		
17	Dismantling and refixing of wood board of any size on surface or in recessed etc as reqd.	5.00	Nos.		
18	Dismantling damaged DB/TPN Switches/ loose wire boxes along with all accessories and depositing the same in the store as reqd.	2.00	Nos.		
19	S & F 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.	400.00	Sq.inch		
20	Dismantling and refixing of switch / socket /regulator I/c cleaning, connecting, commissioning etc as reqd.	5.00	Nos.		
21	Supply, Installation, testing & commissioning of AC ceiling fan of following sweep 220 volts without regulator I/c wiring the down rods of standard length up to 30 cm with 1.5 sq.mm. PVC insulated copper conductor single core cable etc as reqd.				
a)	1400mm	1.00	Nos.		
22	Supplying fixing erection of wall bracket/ceiling fittings of all sizes and shapes containing upto two GLS lamps per fitting complete with all accessories including connecting etc as required (without Lamp)				
a)	Drum light 03 PV	3.00	Nos.		
b)	Wall bracket 0533	3.00	Nos.		
c)	bulkhead for 60w gls LAMP	3.00	Nos.		
	<b>Total Part-A:</b>				
	<b>Part-B:</b>				
1	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel conduit including dismantling as required.				
a)	Group 'A'	20.00	points		
2	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a)	3 x 1.5 Sq.mm..	20.00	Mtr.		
b)	3 x 4 Sq.mm..	40.00	Mtr.		
3	Supplying and drawing telephone cable of 2 pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.	15.00	Mtr.		
4	S & F following piano type switch /socket on existing switch box/cover I/c connection etc as reqd.				
a)	5/6 Amp switch	15.00	Nos.		
b)	2 way5/6 Amp switch	2.00	Nos.		
c)	15/16 Amp. switch	5.00	Nos.		
d)	3 Pin 5/6 Amp. socket outlet	15.00	Nos.		
e)	6 Pin 15/16 Amp. socket outlet.	5.00	Nos.		
f)	Telephone socket outlet	2.00	Nos.		
g)	Bell push	2.00	Nos.		
5	Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc. as reqd.	8.00	Nos.		
6	Supplying and fixing brass batten/ angle holder including connection etc. as required.	10.00	Nos.		
7	Supplying and fixing call bell/ buzzer suitable for single phase,230 V, complete as required.	2.00	Nos.		
8	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, 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).				
a)	8 way , Double door	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
9	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
a)	Single Pole	16.00	Nos.		
10	(single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	40 Amp	2.00	Nos.		
11	Supply, Installation, Commissioning Testing and of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise = 75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.				
a)	1200 mm	2.00	Nos.		
12	Laying UTP cable enhanced cat 5/cat 6 cable in existing steel conduit pipe/GI pipe/ raceway / RCC pipe as reqd. the cost shall also include numbering of networking wire from room to rack as reqd. (wire will be supplied by dept)	20.00	Mtr.		
13	Fixing of RJ-45 modular box with cover plate or I/o box for internet on surface/ recessed cutting the wall making good the same as required. ( box and cover plate will be supplied by dept.)	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
14	S & F wood board of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in the front etc as reqd.				
a)	100 mm x 100 mm	10.00	Nos.		
b)	175 mm x 100 mm	4.00	Nos.		
c)	200 mm x 150 mm	2.00	Nos.		
d)	200 mm x 250 mm	2.00	Nos.		
15	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
a)	20 x 12 mm	20.00	Mtr.		
b)	25 x 16 mm	20.00	Mtr.		
c)	32x 16 mm	30.00	Mtr.		
16	Supplying and fixing fan regulator socket type rotary step as required.	3.00	Nos.		
17	Dismantling and refixing of wood board of any size on surface or in recessed etc as reqd.	5.00	Nos.		
18	Dismantling damaged DB/TPN Switches/ loose wire boxes along with all accessories and depositing the same in the store as reqd.	2.00	Nos.		
19	S & F 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.	150.00	Sq.cm		
20	Dismantling and refixing of switch / socket /regulator I/c cleaning, connecting, commissioning etc as reqd.	3.00	Nos.		
21	Supplying fixing erection of wall bracket/ceiling fittings of all sizes and shapes containing upto two GLS lamps per fitting complete with all accessories includng connecting etc as required (without Lamp)				
a)	Bulkhead for 60w gls LAMP	2.00	Nos.		
	<b>Total Part-B:</b>				
	<b>Part-C:</b>				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel conduit including dismantling as required.				
a)	Group 'A'	5.00	points		
2	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.				
a)	1 x 1.5 Sq.mm..	10.00	Mtr.		
b)	3 x 1.5 Sq.mm..	25.00	Mtr.		
c)	3 x 4 Sq.mm..	30.00	Mtr.		
3	Supplying and drawing telephone cable of 2 pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.	20.00	Mtr.		
4	S & F following piano type switch /socket on existing switch box/cover I/c connection etc as reqd.				
a)	5/6 Amp switch	10.00	Nos.		
b)	2 way5/6 Amp switch	2.00	Nos.		
c)	15/16 Amp. switch	2.00	Nos.		
d)	3 Pin 5/6 Amp. socket outlet	2.00	Nos.		
e)	6 Pin 15/16 Amp. socket outlet.	2.00	Nos.		
f)	Telephone socket outlet	1.00	Nos.		
g)	Bell push	1.00	Nos.		
5	Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc. as reqd.	10.00	Nos.		
6	Supplying and fixing brass batten/ angle holder including connection etc. as required.	5.00	Nos.		



S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
7	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	1.00	Nos.		
8	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, 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).				
a)	12-way, Double door	1.00	Nos.		
9	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
a)	Single Pole	12.00	Nos.		
10	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	63 Amp	1.00	Nos.		
11	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current ( BLDC ) class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value ( CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.				
a)	1200 mm	1.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
12	Laying UTP cable enhanced cat 5/cat 6 cable in existing steel conduit pipe/GI pipe/ raceway / RCC pipe as reqd. the cost shall also include numbering of networking wire from room to rack as reqd. (wire will be supplied by dept)	20.00	Mtr.		
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b)	175 mm x 100 mm	3.00	Nos.		
c)	200 mm x 150 mm	1.00	Nos.		
d)	200 mm x 250 mm	1.00	Nos.		
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c)	32x 16 mm	20.00	Mtr.		
16	Supplying and fixing fan regulator socket type rotary step as required.	1.00	Nos.		
17	Dismantling and refixing of wood board of any size on surface or in recessed etc as reqd.	2.00	Nos.		
18	Dismantling damaged DB/TPN Switches/ loose wire boxes along with all accessories and depositing the same in the store as reqd.	1.00	Nos.		
19	S & F 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.	250.00	Sq.inch		
20	Dismantling and refixing of switch / socket /regulator I/c cleaning, connecting, commissioning etc as reqd.	5.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
21	Supplying fixing erection of wall bracket/ceiling fittings of all sizes and shapes containing upto two GLS lamps per fitting complete with all accessories including connecting etc as required (without Lamp)				
a)	Bulkhead for 60w gls LAMP	2.00	Nos.		
	<b>Total Part-C:</b>				
	<b>Grand Total (Part-A+B+C)</b>				