

QUOTATION

Name of work: Renovation/ modification of electrical installation in garage for house No. 297 to 2012
Type-2 in the campus.

S.No.	Description	Qty.	Unit	Rate	Amount
				(In words & Figures)	
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/PVC conduit including dismantling as required.				
a)	Group A	3.00	Point		
b)	Group B	5.00	Point		
2	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
a)	1 x 1.5 sq. mm	20.00	Metre		
b)	3 x 1.5 sq. mm	30.00	Metre		
3	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a)	5/6 amps switch	8.00	Each		
4	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
a)	1 or 2 Module	8.00	Each		
5	Supplying and fixing brass batten/ angle holder including connection etc. as required.	8.00	Each		

S.No.	Description	Qty.	Unit	Rate	Amount
				(In words & Figures)	
6	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	1.00	Each		
7	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	Single pole	9.00	Each		
8	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)	25 amps	1.00	Each		
9	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	1.00	Each		
10	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	10.00	Metre		

S.No.	Description	Qty.	Unit	Rate (In words & Figures)	Amount
11	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
a)	2 X 10 sq. mm (19mm)	2.00	Each		
12	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
a)	2 X 10 sq. mm, 2 X 16 sq. mm	1.00	Each		
13	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required				
a)	50 mm dia	6.00	metre		
14	Digging cable trench, lifting brick & cable for locating fault and relaying the cable i/c refilling the trench, extra sand if required shall be i/c in the item of following size. as required.				
a)	Up to 35 Sq.mm.	5.00	metre		
15	Supplying and laying of one number XLPE sheathed power cable of following size. aluminium conductor, steel armoured cable of size 2x10 Sqmm 1.1kV grade as per IS:1554 (Part-1) as reqd complete in following manners.				
a)	Direct inground i/c excavation, sand cushioning, protective cover and refiling the trench etc. as required	45.00	Metre		
b)	On surface with clamp	2.00	Metre		

