

OFFICE OF THE MUNICIPAL CORPORATION, BHILAI

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NAME OF WORK :- मुख्य कार्यालय में वार्षिक इलेक्ट्रिकल संभारण कार्य।

S.N.	Description	UNIT	QTY
1	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp piano type switch, phenolic laminated sheet, suitable size M.S. box etc as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)		
	Short Point	Point	20
	Medium Point	Point	20
	Long Point	Point	20
2	Wiring for light plug point with 3x2.5 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with piano type 6 amp switch and 3 pin 6 amps socket outlet with suitable size M.S. box, phenolic laminated sheet, earthing the switch box and socket outlet with same size wire etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)		
	Short Point	Point	20
	Medium Point	Point	20
	Long Point	Point	20
3	Wiring for power plug point with 3x4 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with piano type 16 amp switch and 6 pin 16 amps socket outlet with suitable size M.S. box, phenolic laminated sheet, earthing the switch box and socket outlet with same size wire etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)		
	Short Point	Point	20
	Medium Point	Point	20
	Long Point	Point	20
4	Wiring for power plug point with 3x6 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with 20amp 2 pole & earth, industrial type socket outlet, 32 amp "C" curve SP MCB, in sheet steel enclosure with metal plug top and chained metal cover for the socket outlet, earthing the switch box and socket outlet with same size wire etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)		
	Short Point	Point	10
	Medium Point	Point	10
	Long Point	Point	10

5	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp modular switch, modular base and cover plate, suitable size G.I. box as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)		
	Short Point	Point	10
	Medium Point	Point	10
	Long Point	Point	10
6	Wiring for power plug point with 3x4 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with modular type 16 Amp switch and 6 pin 16 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size wire etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)		
	Short Point	Point	10
	Medium Point	Point	10
	Long Point	Point	10
7	Supplying and fixing of metal box of following sizes (nominal size) in recess with suitable size phenolic laminated sheet cover in front including painting etc as per specification.		
	100 mm X 100 mm X 60 mm deep	Each	5
8	Supplying and fixing of following sizes wooden switch box made of wooden plank side wall and base including 3mm thick phenolic laminated sheet cover on surface complete as per specification		
	100mmX100mm	Each	5
	150mmX75mm	Each	5
9	Supply and fixing of approved make wall mounting type voltage stabilizer with input volts 160-250, output volts 200-240 volts and double step relay on desired location with necessary fixing material including connection etc complete as per specification.		
	4 KVA	Each	
10	Supply and erecting of following ISI marked Fire extinguishers on wall/ column including erecting bracket etc complete.		
	ABC Fire Extinguisher 6KG Nitrogen Store Pressure As per IS: 15683:2018 Body Sheet Not Less Than 2mm Thickness, CE Mark NRV Valve With ABC Powder 90% UL 299 FIRE RATING: 4A, 144B. With all accessories.	Each	20
	ABC Fire Extinguisher 4KG Nitrogen Store Pressure As per IS: 15683:2018 Body Sheet Not Less Than 2mm Thickness, CE Mark NRV Valve With ABC Powder 90% UL 299 FIRE RATING: 2A, 89B. With all accessories.	Each	20
11	MAINTENANCE		
	Rewinding of ceiling fan by copper enameled wire of suitable gauge including all other required material i.e. insulation varnish, connection leads, oiling greasing etc complete with testing including dismantling & refitting of fan at site. (old copper wire will become the property of contractor)		
	48" (1200 mm sweep)	Each	10
	56" (1400 mm sweep)	Each	10

12	Painting of following height steel tubular poles with two coat of enamel paint of approved brand and colour including cleaning the surface as per specification: upto 6 metre	Each	20
13	SUPPLY Supplying following sizes ISI marked FRLS PVC insulated copper conductor, single core wire in company pack coils.		
	1.5 sq. mm	Metre	100
	2.5 sq. mm	Metre	100
14	Providing following size ISI marked FRLS PVC insulated , PVC sheathed, flexible copper conductor wire.		
	1.5 sq. mm three core	Metre	100
	4.0 sq. mm three core	Metre	100
15	Supplying following sizes FRLS PVC insulated , PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade and as per IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).		
	4 x 10 sq. mm.	Metre	100
	3.5 x 120 sq. mm.	Metre	50
	3.5 x 185 sq. mm.	Metre	50
16	Supplying following Modular base & cover plate in sealed company packing.		
	6 Module	Each	50
	8 Module	Each	50
	12 Module	Each	50
	16 Module	Each	50
17	Supplying following modular switch, socket, other accessories in sealed company packing.		
	5/6 amps one way switch	Each	100
	5/6 amps two way switch	Each	100
	Bell push	Each	20
	15/16 amp switch	Each	20
	Fan regulator (two module size) electronic stepped type moving all rounds	Each	20
18	Supplying following accessories in delux quality in company packing.		
	Call bell/ buzzer, AC/DC, single phase	Each	50
	Call bell with cordless bell push (bell operated on 230V AC and bell push with battery cell)	Each	50
19	Supplying following ISI marked piano type switch, socket and other accessories		
	5/6 amps one way switch	Each	100
	5/6 amps two way switch	Each	50
	Bell push	Each	50
20	Supplying metal box of following sizes (nominal size) including painting.		
	75 mm X 75 mm X 60 mm deep	Each	50
	100 mm X 100 mm X 60 mm deep	Each	50
	150 mm X 75 mm X 60 mm deep	Each	50

21	Supplying of following sizes ceiling fan		
	1200 mm sweep	Each	20
	1400 mm sweep	Each	20
22	Supplying of following sizes 1400 rpm heavy duty (continuous running) exhaust fan		
	300 mm sweep	Each	10
	380 mm sweep	Each	10
	Supplying of following sleek LED panel down lighters (luminaires) in round/ square shape with electronic driver heat sink capacitor		
	36 watt, size 600 x 600mm	Each	20
23	Supplying of following COB LED Spot Light with Electronic Driver Heat sink Capacitor		
	6 watt	Each	30
	9 watt	Each	100
	20 watt	Each	100
24	Supplying of following LED tube light with Electronic Driver Heat sink Capacitor		
	10 watt (2 feet)	Each	50
25	Supply of approved make wall mounting type voltage stabilizer with input volts 160-250, output volts 200-240 volts as per specification.		
	4 KVA	Each	25
	5 KVA	Each	25
26	Supply of following type LED Driver for COB lights of approved make.		
	6-15 watt	Each	50
	20 watt	Each	50


Executive Engineer
Municipal Corporation
Bhilai

Assistant Engineer
Municipal Corporation
Bhilai


Sub-Engineer
Municipal Corporation
Bhilai