

OFFICE OF THE MUNICIPAL CORPORATION, BHILAI

NIT


NAME OF WORK :- जोन 01 अंतर्गत विभिन्न सार्वजनिक भवनों में विद्युत संधारण कार्य।

S.N.	ITEM NO.	Description and details of work	UNIT	QTY
1	1.1	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)		
	1.1.1	Short Point	Point	20
	1.1.2	Medium Point	Point	20
2	1.5	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		
	1.5.1	Short Point	Point	10
	1.5.2	Medium Point	Point	10
3	5.4	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification.		
	5.4.1	5/6 amps one way switch	Each	50
	5.4.8	Fan regulator (one module size) electronic stepped type moving all rounds	Each	10
4	6.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 3 star and above, IS: 374:2019 including all amendments.		
	6.1.3	1200 mm sweep	Each	30
5	6.21	Supplying, installation, testing and commissioning of following LED tube light fitting {Inverter Type: with builtin battery backup} including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification. IP20, P.F. should be greater than 0.9. LED chip efficacy ratio \geq 100 lumens		
	6.21.1	20 watt	Each	60

6	3.6	Wiring for light point/ exhaust fan point/ call bell point with 3x1.5 sq. mm FRLS PVC insulated stranded copper conductor wire for Phase, Neutral & earth in existing surface / concealed, Steel/FRLS PVC conduit and providing and fixing 5/6 amp modular type switch, modular base and cover plate etc. as per specification and IS: 694 (2010)		
	3.6.1	Short Point	Point	10
	3.6.2	Medium Point	Point	10
7	6.6	Supplying, installation, testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing etc. complete as per specification. P.F. should be greater than 0.9		
	6.6.1	300 mm sweep	Each	10
8	23.11	Supply, installation, testing and commissioning of 1-3 HP 1 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as per specification. a) Phase indicating lamps with fuses and toggle switches 1 set b) 1/2/3 HP 1 phase DOL starter with over load and no volt relay 1 No c) 25 A "C" curve DPMCB 1 No d) Voltmeter 0-250 V 1 set e) Ammeter 0-10 A 1 set	Each	5
9	23.23	Repairing of control panel board with replacement of contactor kit set capacitors, boost up, condenser etc complete including wiring, fitting, and testing.		
	23.23.1	Single phasing preventer	Job	5
10	23.19	Repair of submersible motor parts 100 mm dia meter opening /Rewinding and assembly with testing etc complete and reinstallation including etc		
	23.19.1	Rewinding of motor from 3 to 5 HP (3 phase) waterproof copper winding wire	Job	5

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