

MUNICIPAL CORPORATION OF BHILAI
NIT

वार्ड क्र. 38 सी-मार्ट में सौंदर्यीकरण हेतु एल.ई.डी. लाईट एवं फ्लैक्स लगाने का कार्य।

(As Per PWD Electrical SOR 01.06.2020)

| SN | PARTICULERS OF ITEMS | QTY. | UNIT |
|----|---|--------|-------|
| 1 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, multi strand wire in the existing surface/ concealed, FRLS PVC conduit / PVC casing capping as per specification and IS: 694 (2010) 2 x 2.5 sq. mm | 10.00 | Mtr. |
| 2 | Supplying, installation, testing and commissioning of following LED Rope light complete as per specification and IP65, P.F. should be greater than 0.75 9 Watt per Metre White / Warm White | 75.00 | Mtr. |
| | 9 Watt per Metre RGB | 50.00 | Mtr. |
| 3 | Supplying, installation, testing and commissioning of water proof Radio Frequency based RGB Controller for rope light with remote control IP 65 as per the specifications | 6 | Each |
| 4 | Supplying and laying following sizes one number FRLS PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1). 4 x 10 sq. mm. | 300.00 | Metre |
| 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 surface 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 | 10 | point |
| | Medium Point | 10 | point |
| | Long Point | 10 | point |
| 6 | Wiring for twin control light 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) | 10 | point |
| 7 | 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 /watt. | | |
| | 20 watt | 10 | Each |
| 8 | Supplying, installation, testing and commissioning of centrifugal type mono-block self priming electric pump set suitable for single phase, 230 volts AC supply including connection of suction and delivery line etc. as per specification. | | |
| | 0.50 HP single phase | 1 | Each |
| 9 | Supplying, installation, testing and commissioning of centrifugal type mono-block self priming electric pump set suitable for single phase, 230 volts AC supply including connection of suction and delivery line etc. as per specification. | | |
| | 0.50 HP single phase | 1 | Each |
| 10 | Supplying of following 230/250 volts LED Flood light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P.A. should be greater than 0.9. LED chip efficacy ratio \geq 120 lumens /watt. | | |
| | 30 watt | 3 | Each |
| | 200 watt | 10 | Each |


Executive Engineer
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Sub Engineer
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