

MUNICIPAL CORPORATION OF BHILAI NIT


वार्ड क्र. 49 के विभिन्न स्थानों में प्रकाश व्यवस्था कार्य।

(As Per PWD Electric SOR 01.06.2020)

| SN | PARTICULERS OF ITEMS | QTY. | UNIT |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|
| 1 | Supply Of Swaged steel tubular Pole as per IS 2713 with base plate of size 300 x 3000 x 6 mm welded at bottom ---- specified height including painting with one coat of red oxide zinc chromate primer. Designation 410 SP-26 height 9.00 metre | 9 | Each |
| 2 | Erection of steel tubular pole or rail pole in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size) foundation including excavation & refilling etc as required of 7 metre to 10 metre | 9 | Each |
| 3 | Supply & fixing water tight terminal box made of 1.6 mm thick M S Sheet with detachable gland plate in bottom ---- . 4 way connector & 1 No. SPMCB inside the box for cable connection fixed to pole with 2 Nos. Clamp made from 40 x 3 mm MS flat with 2 Nos. nut bolts dully painted with 2 coat red oxide paint & 2 coat aluminum paint complete as required 30 x 20 x 15 cms | 9 | Each |
| 4 | Supply & Making end termination with brass compression gland & aluminum lugs for following size armored aluminum conductor power cable of 1.1 KV grade as required 3 x 25 sq.mm | 18 | Each |
| 5 | Supply & fixing & cramping suitable size & all type aluminum ferule/lugs for following size 1.1 KV grade power cable core/lead pressed with high pressure cramping tool including connection to switch gear/MCCB etc as required 25 sq.mm. | 36 | Each |
| 6 | Supply & Fixing GI Pipe Along With wall or pole/support with 2 nos. MS clamp for protection of underground cable in approved manner including bolts & nuts or metal dash fasteners complete as required 40 mm dia | 180.00 | Meter |
| 7 | Painting new steel & other metallic surface with red oxide zinc chromate primer paint complete with supply of material labour etc including preparation of surface. | 56.70 | Sqm |
| 8 | Supply and fixing following street light pole bracket on existing pole made out of 50 mm dia MS "B" class pipe welded to 300 mm long MS pole canopy of suitable dia at an angle of 102.50 including having MS triangular stiffener of size 150 X 50 X 5 mm thick, making arrangement for tightening the bracket with pole by providing suitable size heavy duty nuts and bolts in canopy, painting with one coat of approved steel primer etc. as required. Double Over Hang 1.50 metre Long | 20 | Each |
| 9 | Painting wood steel & other metallic surface with aluminum paint complete with material & labour including preparation of surface | 56.70 | Sqm |
| 10 | Providing & Laying Cast In situ Cement Concrete 1:3:6 graded stone aggregate 40 mm nominal size foundation including mixing with mechanical mixer compacting with vibrator finishing & currying etc complete but excluding formwork | 4.58 | Cum |
| 11 | Providing timber steel formwork for cement concrete work at all levels including removing of the same | 15.26 | Cum |
| 12 | Earthing with G.I. earth pipe 4.5 m long 40 mm dia including accessories & providing masonry enclosure with cover plate having locking arrangement watering pipe etc (But without charcoal & salt) as required | 18 | Set |
| 13 | Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ concealed, steel/ PVC conduit/ PVC casing capping as required. 3 x 2.50 sq.mm | 270.00 | Sqm |
| 14 | Providing and fixing porcelain re-wireble fuse carrier and base unit on wooden board including drilling holes on the board, screws, connections etc. as per specification. (Thimbeling shall be paid separately). 32 amps | 18 | Each |
| 15 | Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 5 KV surge protection on pole bracket complete as required and furnishing 2 Yrs Guarantee certificate from manufacturer. 40-45 watt | 18 | Each |
| 16 | Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. 2 x 16 sq. mm | 205.00 | Meter |


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