

MUNICIPAL CORPORATION OF BHILAI
NIT

वार्ड-42, गौतम नगर स्थित कृष्ण जन्माष्टमी मैदान में प्रकाश व्यवस्था कार्य।

As Per PWD Building SOR 01.01.2015 & Electrical 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-68 height 13.00 metre	3	Each
2	Erection of STEEL TUBULAR or "H" BEAM/ ISMB pole in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation and cement concrete collar of size 0.4 metre dia and 0.50 metre height from ground level including excavation and refilling etc. as per specification of length: 13 metre to 14 metre	3	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	3	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	20	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.	20	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	200.00	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	24.49	Sqm
8	Painting wood steel & other metallic surface with aluminum paint complete with material & labour including preparation of surface	25.09	Sqm
9	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	0.76	Cum
10	Providing timber steel formwork for cement concrete work at all levels including removing of the same	2.54	Cum
11	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	3	Set
12	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	78.00	Sqm
13	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	12	Each
14	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. 400 watt	12	Each
15	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	425.00	Meter

SN	PARTICULERS OF ITEMS	QTY.	UNIT
16	<p>As Per PWD Building SOR 01.01.2015</p> <p>Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.</p> <p>Electric resistance or induction butt welded tubes Grade-250</p>	45.60	Kg



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