

MUNICIPAL CORPORATION BHILAI

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18/11/20
E OF WORK - वार्ड कं. 70 32 बंगला वाय शेव ब्रिज मे ट्यूबलर पोल का संधारण कार्य।

Elec sor 2020

No.	I/No.	Particular's Item	QTY	Unit
1	2	3	4	5
1	19.3.3	Supply of swaged steel tubular pole as per IS 2713 with base plate of size 300x300x6mm welded at bottom, necessary hole for cable entry and earthing stud welded at specified height including painting with one coat of red oxide zinc chromate primer. Designation 410 SP-8 height 7.50 metre	5	each
2	19.4.1	Supply of GI PIPE POLE made of "B" class GI pipe making necessary hole for cable entry and providing earthing stud (welded at specified height) including painting with one coat of red oxide zinc chromate primer 50 mm dia	10	m
3	19.9.2	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 a angle of 102.50 including having MS triangular stiffner 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 per specification. Single Over Hang 1.00 metre Long	5	each
4	19.10	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: 7 metre to 10 metre	5	each
5	19.11.5	Erection of GI octagonal/ tubular/conical pole on existing cement concrete foundation having grouted bolts and nuts, aligning in true vertical position as per specification 6 metre high	5	each
6	19.14	Erection of steel tubular or "H beam POLE STRUT in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling and securing with holding clamps, bolts and nuts etc. as per specification:	5	each
7	19.16.2	Supplying and fixing water tight terminal box made of 1.6mm thick M.S. sheet with detachable gland plate in bottom, hinged front open able cover, rubber gasket, having 1 Nos 4way connector and 1 No SPMCB inside the box for cable connection, fixed to pole with 2 Nos clamp made from 40x3mm M.S. flat with 2 No nut bolt dully painted with 2 coat of red oxide paint and 2 coat aluminium paint complete a s per specification. 30x20x15 cms.	5	each
8	19.4.2	Painting of following height steel tubular poles with two coat of approved colour and shade synthetic enamel paint including cleaning the surface as per specification: Above 8 metre and upto 10 metre	5	each
9	19.10.1	Supplying and fixing SP MCB, 240 volts, 'B' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification. 6 amps to 32 amps	5	each
10	15.1.22	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1). 4 x 10 sq. mm.	500	m
11	32.2.4	Providing following size ISI marked FRLS PVC insulated , PVC sheathed, flexible copper conductor wire. 1.5 sq. mm three core	50	m

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EXECUTIVE ENGINEER
MUNICIPAL CORPORATION
BHILAI

Assistant
ASSISTANT ENGINEER
MUNICIPAL CORPORATION
BHILAI

Sub Engineer
Municipal Corporation
Bhilai (C.G.)