

MUNICIPAL CORPORATION OF BHILAI

N.I.T.

वार्ड 46 में प्रकाश व्यवस्था हेतु पोल लगाने का कार्य।

S.No	Item Code	Particular	No	L	B	H/d	QTY	UNIT
1	19.3	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.						
	19.3.1	Designation 410 SP-2 height 7.0 metre						
							15.00	Each
2	19.11	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.						
	19.11.5	7 metre high						
							15.00	Each
3	6.28	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 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 120 lumens /watt.						
	6.28.9	120 watt						
							15.00	cum
4	19.9	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.						
	19.9.3	Single over hang 1.50 metre Long						
							15.00	Each
5	19.16	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 as per specification.						
	19.16.2	30x20x15 cms.						
							15.00	Each
6	19.24	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:						
	19.24.2	Above 6 metre and upto 8 metre						
							15.00	Each
7	3.11	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)						
	3.11.13	3x2.5 sq.mm						
							350.00	metre



8	15.1	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 excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).						
	15.1.8	3x16 sq.mm					700.00	metre
9	15.23	Supplying and making end termination with brass compression gland and aluminum lugs for following size armoured aluminum conductor power cable of 1.1 KV grade as per specification.						
	15.23.9	3x16 sq.mm (22 mm)					100.00	Each
Add For MCB, Clamps, Fittings etc. Rs								

Executive Engineer
Municipal Corporation
Bhilai

Assistant Engineer
Municipal Corporation
Bhilai

Sub Engineer
Municipal Corporation
Bhilai