

(174)

**MUNICIPAL CORPORATION BHILAI (C.G.)**

**NIT**

**Name of work :-** वार्ड क्र. 64 सेक्टर 10 सड़क 24 एवं 25 के बीच ट्युबलर पोल लगाने का कार्य।

S.No.	Description and details of work	Qty.	unit
1	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	8	each
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 required. Single Over Hang 0.75 metre Long	8	each
3	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 required of length: 5.0 metre to 6.5 metre	8	each
4	Painting of following height steel tubular poles with two coat of approved colour and shade synthetic enamel paint including cleaning the surface as required: Above 6 metre and upto 10 metre	8	each
5	MCB, with fitting 6 Amp to 32 Amp rating SP B curve	16	each
6	Supplying and fixing TP&N MCB, 440 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 amps	1	each
7	Supplying and laying HDPE pipe of 4kg/sqcm in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc. as required 63 mm outer dia	225	metre
8	Supplying and installing (overhead) service main with following size PVC insulated PVC sheathed aluminium conductor cables suspended with bobbin insulator on existing bearer wire in an approved manner and as per specification etc. or drawn in existing G.I. pipe bracket or conduit pipe wherever required, including connection, testing etc. 4 x 10 sq. mm	225	metre
9	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.	1	set
10	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. 120 watt	8	each

EXECUTIVE ENGINEER  
MUNICIPAL CORPORATION  
BHILAI

  
ASSISTANT ENGINEER  
MUNICIPAL CORPORATION  
BHILAI

  
SUB ENGINEER  
MUNICIPAL CORPORATION  
BHILAI