

# MUNICIPAL CORPORATION BHILAI

N.I.T.

कार्य का नाम :- पानी टंकियों की आवर्ती सफाई एवं पेयजल प्रदाय योजनाओं से संबंधित संरचनाओं में तड़ित चालक (Lightening Conductor) की स्थापना एवं निरीक्षण बाबत।

| S.no | DESCRIPTION  | UNIT  | QTY |
|------|--|-------|-----|
| 1    | Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, with charcoal and salt as per specification and IS Code 3043: 1987(R 2016) | Set   | 14  |
| 2    | Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including soldering, excavation and refilling the trench etc. as per specification.  | Metre | 150 |
| 3    | Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, copper tube, having single prong at top, with 85 mm dia 3 mm thick copper base plate having 4 nos holes for fixing etc. complete as per specification.                      | Each  | 10  |
| 4    | Making jointing of copper tape (with another copper tape, base of the finial or any other metallic object) by reverting, sweating and soldering/ nut bolting of as per specification.  | Each  | 200 |
| 5    | Providing and fixing copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as per specification.(For horizontal run)   | Metre | 150 |
| 6    | Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate having 4 nos holes for fixing etc. complete as per specification.                          | Each  | 4   |
| 7    | Making jointing of G.I. tape (with another G I tape, base of the finial or any other metallic object) by reverting, sweating and soldering/ nut bolting of as per specification.   | Each  | 80  |
| 8    | Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as per specification.(For horizontal run)   | Metre | 80  |
| 9    | Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as per specification.(For vertical run)   | Metre | 60  |

  
Executive Engineer  
Municipal Corporation  
Bhilai

  
Asst. Engineer  
Municipal Corporation  
Bhilai

  
Sub Engineer  
Municipal Corporation  
Bhilai