

**Technical Specification of G.I 7/14 SWG Earth Wire**

- a) **Standards:** Galvanised stranded earth wire shall comply with IS 2141 – 2000 with the latest amendments and galvanising shall comply with IS 4826 – 1979 with the latest amendments.
- b) **Tensile Grade:** 4 (as per IS 2141 -2000)
- c) **Minimum Tensile Strength:** 700N/mm<sup>2</sup>
- d) The wire shall not contain sulphur and phosphorus exceeding 0.06 percent.
- e) The wire shall be round, free from splits, scale, surface flaws and other surface defects.
- f) For the purpose of galvanising, the wire shall be coated with Zinc conforming to at least grade Zn 98 specified in IS 209 – 1966. Zinc coatings shall be uniform and free from imperfections as per IS 4826 – 1979 with the latest amendments.
- g) Weight per meter of GI stranded wire shall be stated by the bidder.
- h) Bidder shall submit test report carried out within five years in a NABL accredited test house or laboratory along with the bid.

  
12.1.18