

Name of Material: **G.I. Wire 5.00 mm. (6 SWG)****GUARANTEED TECHNICAL PARTICULARS**

SI No.	Name of Firms/ Particulars	
1	2	3
1	Maker's Name & Address	
	a) Steel Wire / Rod.	
	b) Zinc	
	c) Complete G.I. Solid Wire	
2.	Name of Manufacturer / Principal Supplier.	
3.	DIAMETER	
	a) Nominal (mm.)	
	b) Tolerance (%)	
	c) Maximum difference between reading taken on any two diameter on the cross section(%)	
	d) Sectional area of wire (Sq.mm.)	
4.	Chemical Composition	
	a) Maximum % of Phosphorous	
	b) Maximum % of Sulphur	
5.	Testing Properties:	
	a) Condition	
	b) Tensile strength in Kgf/mm <sup>2</sup>	
6.	Ultimate strength of wire in Kg.	
7.	Coating test	
	a) Type of Zinc coating.	
	b) Mass of coating in gm/mm <sup>2</sup>	
	c) Number of dips	
	i) 1 Min.	
	ii) ½ Min.	
8.	a) Length of wire in each coil in meter.	
	b) Tolerance (%)	
9.	a) Weight of wire in Kg/Km.	
	b) Tolerance (%)	
10.	Weight of each Coil in Kg.	
11.	Standard according to which the solid wire shall be manufactured and tested.	
12.	Details of packing.	
13.	Details of Marking.	