



BHARAT HEAVY ELECTRICALS LIMITED

TRANSMISSION BUSINESS ENGINEERING MANAGEMENT

NEW DELHI

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TYPE OF DOC.	STANDARD TECHNICAL SPECIFICATION	NAME	NK	DS	SN	
TITLE	GI PIPE & BENDS	SIGN	Sd/-	Sd/-	Sd/-	
		DATE				
		GROUP	TBEM	W.O. No		
CUSTOMER						
CONSULTANT						
PROJECT	RATE CONTRACT					

SCOPE AND SPECIFIC TECHNICAL REQUIREMENT

1.0 SCOPE

This technical specification covers design, manufacture, testing at works, packing and dispatch of 'GI pipe, its fittings and bends'. The material supplied shall fully comply with relevant Indian Standard given below and the product shall be BIS certified. The sizes and types of Pipes shall be as specified below. No Technical Deviations shall be acceptable in this regard.

1.1 SPECIFIC TECHNICAL REQUIREMENT

1.1.1 Galvanized Iron (GI) Pipe

The GI pipes shall be of nominal diameter 50 mm and/ or 100 mm, as per the indent. The pipe shall be of medium Grade as per IS 1239 and shall be of standard length of 6 meters. The pipe shall fully comply with specified standard and carry the BIS certification marking. The pipe shall have a socket at one end and threaded at both ends.

1.1.2 Sockets

The sockets shall fully comply with the requirements of IS 1239 (Part-2).

1.1.3 For Bends

The bends shall be of 90°, 112.5° and/ or Tee, as specified, for above mentioned pipes. The bends shall, in general, comply with the requirement of IS 1239 (part-2). The specific requirements and BIS certification marking of these bends shall be as per IS 1239 (Part-2). 90°, 112.5° and Tee bends shall have a socket at one end and threaded at all ends.

1.2 BILL OF MATERIAL

As per enclosed Annexure-1.

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02	25.04.13	<i>AK</i>	<i>Sharma</i>	<i>Ramesh</i>	90° bends has been included.
01	30.11.10	Sd/-	Sd/-	Sd/-	Document revised.
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