

		BHARAT HEAVY ELECTRICALS LIMITED TRANSMISSION BUSINESS ENGINEERING MANAGEMENT NEW DELHI							
DOCUMENT No.		TB-XXX-316-040		Rev. No.	02	Prepared	Checked	App.	
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 (ONE YEAR)							
COPYRIGHT AND CONFIDENTIALITY The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in anyway detrimental to the interest of the company		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.									
02		25.04.13	(A)	<i>[Signature]</i>	<i>[Signature]</i>	90° bends has been included.			
01		30.11.10	Sd/-	Sd/-	Sd/-	Document revised.			
Rev No.	Date	Altered	Checked	Approved	REVISION DETAILS				
Distribution				To	TBMM	OFFICE COPY			
				Copies					