



GUJARAT GAS

TECHNICAL SCOPE & SPECIFICATION

1 INTRODUCTION

GUJARAT GAS LIMITED (GGL) is in the business of City gas distribution system consisting of Steel distribution networks, PE distribution networks, Service lines and allied facilities such as City Gate stations, CNG stations and Pressure regulating stations. GGL has natural gas distribution network at Surat. The steel pipeline network has crossing of Tapi river at under Sardar bridge ducting Adajan Surat.

The details of the 2 nos of above ground steel pipeline section are as below

Pipeline Name	Pipeline installed under the Sardar bridge ducting crossing river Tapi at Surat city
Product transported	Natural Gas
Nominal Diameter of Pipeline	12 "
Total length of Pipeline	768 Mtrs +-50 mtrs * 2 nos
Material Grade	CS API 5L Gr. B
Type of Welding	SMAW
Age of Pipeline	Pipe1: 20 July 1997 Pipe2: 31 July 1991
Wall Thickness	6.4 mm & 6.4 mm
Normal Operating Pr. Range (Kg/Cm2)	6 - 7 Bar
Pressure Class	300#
Design code followed	ASME B 31.8
Coating Type	External Coating with Zinga coat supplied by M/S Zinga Metall Bvba Sprl Belgium

It is intended to appoint a contractor for carrying out the Zinga film coating for above mentioned pipelines in line with GGL requirement.