

## **NOTE ON THE PROJECT**

### **INTRODUCTION:-**

GSPC Gas Company Limited (GSPC GAS), having the registered office of the company situated in the State of Gujarat at Block No. 15, 2<sup>nd</sup> Floor, Udyog Bhavan, Sector-11, Gandhinagar.

GSPC Gas Company Limited (GSPC GAS) is currently in the business to setup Piped Natural Gas network (PNG) to provide PNG for residential consumers as well as commercial units and CNG Station in various cities of Gujarat State.

GSPC Gas Company Limited has planned for the year 2014-2015 to expand existing/ ongoing network by laying 125 /90 mm MDPE pipeline to provide natural gas to various en-route villages in District Navsari.

It will be laid underground with a minimum clear cover of 1.2 meter.

One of the main objects to be pursued by the company on its incorporation is to lay, design, construct, fabricate, install and maintain gas process and gas manufacturing plants, gas installation including gas storage, machinery apparatus, pipes, valves fillings, meters and other allied accessories necessary and useful for the manufacturer, supply and destination of gas and energy.

### **Investigation: -**

The route has been carefully selected to minimize total length of the pipeline and forests based on desktop study and reconnaissance survey carried out by consultants M/s. Secon Pvt. Ltd.

The Right of Use (RoU) for forest area is proposed as a minimum of 0.5 mts. width (which is the minimum requirement).

The alignment is selected in such a way that while crossing the area under forest cutting of trees is minimized / avoided.

### **Design:-**

The entire pipeline will be designed to withstand a Maximum Allowable Operating Pressure (MAOP) of 4 and 49 bars for MDPE & Steel pipeline respectively. The design code that generally will be followed would be AMSE B31.8 and PNGRB Technical Standard for CGD.

### **Pipe material: -**

Pipe material would be Indian Standard MDPE material, inspected at factory through third party inspection agency. All valves would be full-bore ball. All pipe fittings would be matching type and class.

### **Corrosion protection: -**

The proposed pipeline is MDPE pipeline and it is not the steel pipeline, therefore, MDPE pipeline do not required cathodic / corrosion protection system.

### **Investments:-**

The estimated total cost of the project is Rs. 10 Crore (Approx.)

### **Time Schedule:**

The completion schedule for this project is 2014-2015