

## PROJECT REPORT

### INTRODUCTION:-

GAIL INDIA LIMITED (A Govt. of India Undertaking – A Maharatna Company) has been authorized by Ministry of Petroleum and Natural Gas, Govt. of India vide letter no. L.14014/44/06 GP dtd. 06.07.2007 for laying Jagdishpur – Haldia pipeline and spur lines.

The proposed main pipeline will be originate from Village Phulpur in Allahabad District in UP state and terminated in Village Haldia in East Medinipur District of West Bengal State via Bihar and Jharkhand. There are various en-route spur lines also originate from the mainline.

The whole project implementing in two phases. In 1<sup>st</sup> phase, GAIL is laying mainline up to Dobhi in Gaya District in Bihar State (Total length 345 Km) and spur pipelines to connect Varanasi (length 16 Km) & Gorakhpur (length 163 km) in Uttar Pradesh and Barauni (163 km) and Patna ( 65 Km) in Bihar States. Total length of pipeline in 1<sup>st</sup> phase is approx 752 Km

### PROJECT OVERVIEW:-

The proposed project under phase-I (length 752 Km) for laying underground natural gas pipeline network with associated facilities such as SV/Tap off/metering /receiving/dispatch /intermediate pigging/compressor stations at an estimated cost of Rs.3561 crores.

As a consequence of rapid rate of industrialization in India, fuel needs are increasing at an equally rapid rate and the supply – demand gap is widening and steps must be taken to address the issue.

Overland transport of fuels by trucks is uneconomical, unsafe and is a contributor to environmental degradation in terms of pollutants released by vehicles in transit and by accidents and spillage.

Pipelines are internationally recognized as the preferred alternative for transport of fuel for safety, economy and environmental friendliness.

Natural gas is used in a variety of applications such as feed stock in fertilizer, petrochemical industry and as fuel in power generation, manufacturing steel, textile, ceramic, glass and other industrial products. As a fuel natural gas competes with alternative products such as coal, lignite and petroleum products such as liquefied petroleum gas, naphtha, high speed diesel, light diesel oil and fuel oil. However due to lower fuel operating cost and better combustion characteristics, natural gas has distinct economic advantage over other sources of energy. In addition, natural gas has substantial environmental advantage over other energy sources due to lower emissions.

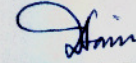
**PROJECT IMPLEMENTATION SCHEDULE:-**

The project is expected to be completed within 3 years. Pre-project activities such as detail route survey, engineering design, obtaining ROU etc. are under process

Date: 17.06.2016

Place: Lucknow

**M/s GAIL INDIA LIMITED,**



**(Dulal Gain)  
Chief Manager (Construction)**

**दुलाल गैन  
Dulal Gain**

मुख्य प्रबन्धक (निर्माण), लखनऊ  
Chief Manager (Construction), Lucknow  
गेल (इंडिया) लिमिटेड  
GAIL (India) Ltd.  
लखनऊ (226010)  
Lucknow (226010)