

**Full Title of the project:-**

Proposal for Diversion of 1.1111 Hectare of Forest Land in Dehradun forest division for laying 8" dia natural gas pipeline along with OFC in District Dehradun in the state of Uttarakhand.

**CHECKLIST SR. No. 4**

**NOTE ON PROJECT**

**INTRODUCTION:-**

GAIL (India) Limited, a Maharatna Company, under the aegis of Ministry of Petroleum & Natural Gas, Govt. of India, has engaged in transportation and distribution of Natural gas to various Fertilizer, Power, Steel, Petrochemical Plants, Industrial Units and also facilitate Natural Gas in the form of CNG and PNG. Presently GAIL is having a huge pipeline network of more than 13000 Km across India. GAIL is contributing a major role in India's energy requirement & distribution through continual expansion of its pipeline network.

Petroleum and Natural Gas Regulatory Board (PNGRB), an autonomous regulatory body constituted under PNGRB Act, 2008 has authorized GAIL to lay, build, operate and expend Dadri-Bawana-Nangal Natural Gas Pipeline along with various Spur pipelines connecting to various cities including Haridwar, Rishikesh & Dehradun vide their letter no. Infra/PL/New/17/DBNPL/GAIL/01/11 dtd. 15<sup>th</sup> Feb. 2011

To meet the requirement of Haridwar and Dehradun districts of Uttarakhand state GAIL has proposed an approx. 29.370 Km underground natural gas pipeline network from GAIL's proposed SV Station in Village- Nepali Farm District Dehradun and terminating at GAIL's RT in Village Mohkampur District Dehradun.

Proposed pipeline will be laid through various roads/water bodies side strips declared as Reserved Forest. Proposed pipeline will be laid minimum depth of 1.0 meters below the natural ground level and for ROU purpose 1.0 mtr width of forest strip is proposed for laying pipeline. **Details of land declared as Reserved Forest along with the area calculation for diversion are furnished in checklist serial no. 7 (enclosed).**

**PROJECT OVERVIEW:-**

The proposed project include approx. 29.370 km of underground natural gas pipeline network with associated facilities such as SV/Tapoff/metering/receiving/dispatch/intermediate pigging/compressor stations at an estimated cost of **Rs. 66 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.



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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.

**Date:** .....

**Place:** .....

**M/s GAIL (India) Limited**



**R. K. Verma**

**Dy. General Manager (S&LR)**

