



गेल (इंडिया) लिमिटेड

(भारत सरकार का उपक्रम - महारत्न कंपनी)

GAIL (India) Limited

(A Govt. of India Undertaking - A Maharatna Company)

गेल जुबली टॉवर,
बी - 35 एवं 36, सेक्टर - 1, नोएडा - 201301
जिला गौतम बुद्ध नगर (यू.पी.), इंडिया

GAIL JUBILEE TOWER,
B - 35 & 36, SECTOR - 1, NOIDA - 201301
DISTT GAUTAM BUDH NAGAR (UP), INDIA

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Proposal for diversion of Forest land for laying underground Natural Gas Pipeline along with Optical Fiber Cable (OFC) stretch of NAGPUR to JHARSUGUDA pipeline passing through district Nagpur, Bhandara and Gondia (Maharashtra/MP Border) in the state of Maharashtra in favour of GAIL (India) Limited.

Online Proposal No. FP/MH/Pipeline/153017/2022

Justification for locating the project in forest area

M/s. GAIL (India) Limited envisages to strengthen local gas grid network in any state/ U.T. of India via authorization by MoPNG. GAIL (India) Limited (GAIL), a Public Sector Undertaking (PSU) company is also one of the leading companies in the field of Natural Gas transmission pipeline. GAIL has taken a lead in developing energy transportation infrastructure and connecting major natural gas supply sources and demand markets. GAIL is first company in India to transport natural gas on open access basis and is a pure natural gas transmission company. The company has developed requisite expertise and confidence with proven project management competencies.

The proposed stretch of NAGPUR to JHARSUGUDA pipeline passing through district Nagpur, Bhandara and Gondia (Maharashtra/MP Border) in the state of Maharashtra. The Pipeline will be laid across forest land falling along/ across the ROU (Right of Use) and various utilities such as roads, canals, rivers etc. The said pipeline shall be laid at the minimum depth of 1.2 mts. below NGL (Natural ground level).

The present proposal is for laying underground Natural Gas Pipeline along with Optical Fiber Cable (OFC) from Nagpur District in Maharashtra State involves 9.4715 ha. of forest land in Nagpur, Bhandara and Gondia Forest Division and 322.2292 Ha. of non- forest land passing through 134 villages involves in Nagpur, Bhandara and Gondia district.

In view of this the following alternatives detailed as below and also shown in enclosed map have been examined in detailed and have come to conclusion that the alternatives No. 1 is the most suitable for forestry point of view and the Forest land required for the project in Alternative No. 1 is lesser than the Alternatives Nos. 2 & 3.

| Alternatives route explored for laying underground Natural Gas Pipeline along with Optical Fiber Cable stretch of NAGPUR to JHARSUGUDA pipeline passing through district Nagpur, Bhandara and Gondia (Maharashtra/MP Border). | | | |
|--|-----------------|-----------------------|--------------------|
| Description | Division | Status of land | Area in Ha. |
| Alternative-1 | Nagpur | Forest | 0.8584 |
| | Bhandara | Forest | 1.1736 |
| | Gondia | Forest | 7.4395 |
| Total | | | 9.4715 |

पंजीकृत कार्यालय :

गेल भवन, 16 भीकाएजी कामा प्लेस

नई दिल्ली-110066, इंडिया

REGD. OFFICE :

GAIL BHAWAN, 16 BHIKAJI CAMA PLACE

NEW DELHI-110066, INDIA

राजेंद्र नारनवरे / Rajendra Narnaware

मुख्य प्रबंधक (निर्माण) / CM(Const.)

गेल (इंडिया) लिमिटेड

(India) Ltd.

सीआईएन/CIN

L40200DL1984GOI018976

Website : www.gailonline.com

| Description | Division | Status of land | Area in Ha. |
|--------------|----------|----------------|----------------|
| Alternate-2 | Nagpur | Forest | 1.5280 |
| | Bhandara | Forest | 2.1280 |
| | Gondia | Forest | 48.9813 |
| Total | | | 52.6373 |
| Description | Division | Status of land | Area in Ha. |
| Alternate-3 | Nagpur | Forest | 5.0204 |
| | Bhandara | Forest | 1.9280 |
| | Gondia | Forest | 59.9593 |
| Total | | | 66.9077 |

The other alternatives (Alternative-2 & Alternative-3) are being rejected on grounds of as follows:-


1. Alternative 2 & 3 involves more forest area 52.6373 hectare and 66.9077 hectare respectively to be diverted which is more than the alternative-I.
2. In Alternative-2 the pipeline will be in close proximity to the town area, crossing railway line and 3-4 rivers.
3. In Alternative-3 the pipeline will be 2 river crossing, rail line, a mountain interferes and in close proximity to the sensitive sanctuary area.
4. In Alternative-2 & 3 the pipeline is crosses more area of wildlife corridor. Laying natural gas pipeline along the river bed is technically not feasible.
5. Alternative-2 passes near to the area where most of the lands are non-agriculture land and pipeline cannot be laid in NA lands as per P&MP Act' 1962.
6. Though the overall length (Forest area and Non-forest area) of the pipeline is more in Alternative-2 & 3 which increases the project cost.
7. Number of turning points (TPs) in Alternative 2 and 3 are more that needs bends etc. which will add-on to the cost of the project.

Looking into the above, it is imperative for MNJPL Natural Gas Pipeline passing in Maharashtra in Alternative- I is more apt technically and safety in comparison to the other two alternatives viz, Alternative-2 and Alternative-3.

Mis. GAIL (India) Limited.

Date: 22/11/2023

Place: Nagpur


(Rajendra Narnaware)
Chief Manager (Construction)

Authorized Signatory
राजेंद्र नारनवरे / Rajendra Narnaware
मुख्य प्रबंधक (निर्माण) / CM(Const.)
गेल (इंडिया) लिमिटेड / GAIL (India) Ltd.
नागपूर / Nagpur