

JUSTIFICATION REGARDING ALTERNATIVES EXAMINED FOR LINEAR PROJECT

Alternatives Explored for Kandla-Gorakhpur (KGPL) pipeline -Unnao to Gorakhpur Section of IHB Private Limited in Uttar Pradesh State		
Description	Status of land	Area in Ha.
Alternate-1	Forest	3.9806
Alternate-2	Forest	13.6064
Alternate-3	Forest	13.2524

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

1. Alternative 2 & 3 involves more forest area 13.6064 and 13.2524 hectares respectively to be diverted which is more than the alternative-1.
2. In Alternative -2 the pipeline will be in close proximity to the sensitive sanctuary area. Laying of natural gas pipeline in the sanctuary sensitive area is technically not feasible involving safety of the pipeline.
3. The terrain in Alternative Route-2 and 3 is hilly where laying of pipeline poses several construction challenges.
4. 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.
5. Though the overall length (Forest area and Non-forest area) of the pipeline is more in Alternative-2 which increases the project cost.
6. Alternative -3 passes in close proximity to populated areas and most of the lands are also non-agriculture land; pipeline cannot be laid in NA lands as per P&MP Act'1962.
7. Number of railway crossings in Alternative route-3 are more (3 nos) in comparison to alternative -1 and 2.
8. 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 UGPL LPG pipeline passing in Uttar Pradesh in Alternative-1 is more apt technically and safety in comparison to the other two alternatives viz,. Alternative-2 and Alternative-3.

JUSTIFICATION FOR ROUTE SELECTION

The criteria for route selection are

- a) Optimum distance between source of supply and consumer location (demand points)
- b) Avoidance of Wild Life Sanctuaries, Reserved Forest, Mining area and Defense establishment to the best possible.
- c) Avoidance rocky marshy and low-lying areas
- d) Safety of people and environment
- e) Easy access to route during construction and operation.

The route was selected based on least disturbance to environment, forest, human habitation and aquatic bodies. It avoids National Parks and Wild Life Sanctuaries.

The selected route is optimized considering the above factors and connectivity between supply source and consumer location.

Date:

M/s IHB Private Limited

Place:

Amit Jain

Amit Jain

Chief Manager (Projects)

अमित जैन / Amit Jain
मुख्य प्रबंधक (परियोजना) / Chief Manager (Projects)
आई.एच.पी. प्राइवेट लिमिटेड / IHB Private Ltd.
केन्द्रीय निर्माण कार्यालय / Central Construction Office
प्रथम तल, विष्णुशैल कॉम्प्लेक्स
बी-2/8, विष्णुशैल कॉम्प्लेक्स, गोकुलीनगर, लखनऊ-226010
1st Floor, Vishnushail Complex
B-2/8, Vishnushail Khand Gomti Nagar, Lucknow-226010