

Annexure-9

Justification for locating the project in forest area to be submitted by User Agency

JUSTIFICATION FOR PROJECT

In consideration of the requirements of Environmental parameter, constructions methodologies to be adopted for different terrain encountered en-route, design and engineering factors, availability of logistic support during construction, operation and maintenance of pipeline, various feasible routes were identified by the Consultant **M/s. Deshpande-Patil Consultants** based on Desk Study of relevant topographic maps of Survey of India.

The study was subsequently supplemented with field reconnaissance and data collection along the feasible routes. Finally the optimum route was arrived at after analyzing the various data and conducting in depth study of topographic maps based on field data.

The route is finalized. The respective route passes along/across various NH & SH Roads as said herein above to provide Gas to Domestic, Commercial and Industrial Units in Ahmednagar area along with Villages en-route.

The Pipeline will be laid at minimum 1.2 m below ground level and within the road Row as per the requirement of the authority.

The pipeline will be passing through reserved and protected forest land for about 1000 Sq.mtr. i.e. **Hectares 0.1000** of land as per enclosed **Annexure -7**.

Factors considered

While identifying the various alternatives for selection of the optimum route following factors were considered.

- **Pipeline route has been finalized in such a way that minimum forest land will be utilized as well as tree cutting will be minimum.**
- Demand and supply center.
- Compliance with environmental regulations.
- Safety of people and property.
- Shortest possible pipeline length.
- Minimum number of bends.
- Favourable ground profile for pipeline hydraulics.
- Accessibility to pipeline route during construction, maintenance and operation.
- Location of pipeline facilities and access thereto.
- Avoidance of mining protected and reserved forest archaeological and other sensitive areas.
- Avoidance of unstable ground features.
- Minimizing road, rail, rivers and flood prone areas.
- Avoidance of rocky stretches.
- Avoidance of areas reserved for planned future development.
- Flexibility for future expansion.

Based on the above detailed route surveys have been carried out to finalize the exact corridor for laying the pipeline.

For, Bharat Gas Resources Limited

Mr. Shripad Mandake
Chief Manager-CGD Head
(Ahmednagar-Aurangabad)



Annexure – 7

Statement showing the details i.e. Survey No. / Coupne. No./ F.S. No. / Comptt. No. etc. of the forest area involved with its boundaries, along item wise breakup of the forest proposed for diversion

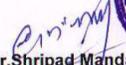
1. Authority : Bharat Gas Resources Limited
2. Project Report to be from process/co-ordinator : Copy Enclosed.
3. Route Particulars : Laying proposed 6",4" Ø Steel Gas Pipeline Along SH-27, within the road RoW,From Kedgaon To Supe in taluka Ahmednagar and Parner in Dist. Ahmednagar of Ahmednagar and Aurangabad GA.
4. The breakup of forest area required for laying Gas Pipeline.

RESERVED FOREST:

Sr. No.	Description	Along/ Across	Chainage (M)		Length In Forest (M)	RoU Width In Forest Land (M)	Area In Forest Land (Sq.M)	Total Area In Forest Land (Ha)	Village Name	Line Name
			Start	End						
1	SH-27 (Ahmednagar-Pune)	Along	16452.43	16702.43	250.00	2.00	500.00	0.0500	Supe	Proposed 6" Dia Steel Gas Pipeline From Kedgaon To Supe
2	SH-27 (Ahmednagar-Pune)	Along	23504.07	23754.07	250.00	2.00	500.00	0.0500	Waghunde Khurd	
TOTAL RESERVED FOREST					500.00		1000.00	0.1000		

5. No. of villages affected : Nil

For, Bharat Gas Resources Limited


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