

Full title of the Project: CITY GAS DISTRIBUTION PROJECT; Laying of steel and PE pipeline along with OFC cable from Harhad to Bamhne at Chatra: Petroleum and Natural Gas Regulatory Board authorized M/S BHARAT GAS RESOURCES LIMITED for development of City Gas Distribution network in Geographical area of Chatra and Palamu districts.

Diversion of 0.4114 hectare of forest land for laying of 4" dia steel pipeline along with existing district road of Road Construction Department

Justification for locating the project

In consideration of the requirements of environmental parameter, Construction methodologies to be adopted for different terrain encounter en-route design and engineering factors, availability of logistic support, Based on desk study of relevant topographic maps of survey of India.

Methodology of selection of proposed gas pipeline route:

Relevant Topographic maps with pipeline route were identified. This was subsequently supplemented with route reconnaissance data collection along the feasible route for arriving at the optimum route.

We would like to lay 4" dia steel underground gas pipeline along with existing road in forest area from Harhad to Bamhane at Chatra to fulfill the requirement of gas demand in the region and we have used minimum possible forest land for this project. Hence, we seek your kind approval for diversion of forest land to lay underground gas pipeline along with existing road.

Factors considered: While identifying the route for selection of the Pipeline laying following factors were considered,

1. Use of bare minimum forest land.
2. Demand and supply center.
3. Compliance with environmental regulations.
4. Safety of people and property.
5. Shortest possible pipeline length and Minimum number of bends.
6. Avoidance of unstable ground features.
7. Minimizing flood prone areas and Avoidance of Rocky stretches.

Based on the above factors; detailed route surveys have been carried out to finalize the exact route for laying the underground gas pipeline with minimum use of forest land.

For **BHARAT GAS RESOURCES LIMITED,**



(Chetan Kumar Mishra)

CGD Head (Gas), Chatra & Palamu