



**Maharashtra State  
Road Development  
Corpn. Ltd.**

*(A Government of Maharashtra Undertaking)*

No. MSRDC/02/JMD(II)/ 1630  
Date: 05.03.2019

To,  
The Chairperson,  
Petroleum & Natural Gas Regulatory Board,  
First Floor, World Trade Centre,  
Babar Road, New Delhi – 110 001

Dear Sir,

**Subject: Response to queries on proposed Mumbai-Angul gas pipeline and our suggestions**

This is with reference to the open house discussion held by PNGRB on 25<sup>th</sup> February 2019 regarding the proposed Mumbai-Angul Pipeline Project. We express our support to the implementation of the proposed pipeline as it would benefit the people, industries and the environment.

We are providing our response to specific queries mentioned in the open house

1. Right-of- Way (Availability and Charges)
  - a. The Right-of-Way has been fully acquired and is available along the proposed corridor upto Nagpur
  - b. About 1.8% (5 tunnels totaling ~12KMs) of the expressway is expected to pass through tunnels. We are keen to onboard suggestions from gas transmission entities to facilitate alternative ROW (bypass from hilly terrain or adopt proven technical measures to use existing expressway ROW)
  - c. The land for installation such as Sectionalizing Valve Stations (SV), Intermediate Pigging Stations (IP), etc. can be discussed based on specific locations and MSRDC would provide such land along the proposed way-side amenities.
  - d. We have not notified any ROW charges yet and the same shall be computed and notified
2. Demand- Centres along the pipeline
  - a. There are 24 nodes being planned along the expressway. These nodes have a typical area of in the range of 1000-2000 Hectares. MSRDC is currently developing a master plan of these nodes. The Nodes will include Agricultural Hubs, Industrial Hubs, Info-tech Hubs, and Logistic parks etc.
  - b. MSRDC is planning to develop way-side amenities (including fuel stations) along the expressway. There are 34 way-side amenities being planned and are located at every 40-50 KM

Given the importance of the pipeline, we have the following suggestions for the PNGRB to consider

1. As highlighted by some of the entities in the open house, we believe that the transmission pipeline is not viable and would need significant tariff or volumes to become feasible.
2. In the past, it has been observed that in similar cases, where pipelines having low demand has been awarded under competitive bidding process, there has been limited progress resulting in loss of time, capital cost escalation and unavailability of gas to consumers.
3. We believe that the pipeline needs to be developed with a Viability Gap Funding (VGF) and anchor demand could be included as part of the proposed pipeline to enhance the volumes / pipeline utilization. We propose the CGDs along the pipeline viz. Nagpur, Wardha, Amravati, Raipur, Durg, Bolangir and Sonepur to be integrated with the pipeline

Please do let us know if any additional clarifications are required

Thanking you,

  
**Vijay Waghmare (IAS)**  
Joint Managing Director (II)

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**Website :** www.msrdc.org , **CIN :** U45200MH1996SGC101586

Ref no : HEGMPL/OTM/MKT/2019/01

Date : 04<sup>th</sup> March, 2019

To

**Secretary**

**Petroleum & Natural Gas Regulatory Board**

First Floor, World Trade Centre,

Babar Road, New Delhi - 110001

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**Subject:** Additional Comments on Proposed Mumbai-Nagpur-Raipur-Angul Natural Gas Pipeline

**Ref:** H-Energy letter no. HEGMPL/OTM/MKT/2018/41 dated 23<sup>rd</sup> November 2018

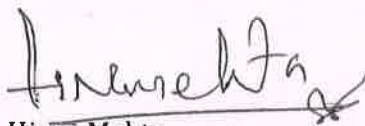
Dear Madam

This is in reference to Open House conducted by PNGRB on 25<sup>th</sup> February, 2019 regarding the proposed Mumbai-Nagpur-Raipur-Angul Natural Gas Pipeline wherein all the entities were advised to submit their additional suggestions, if any. In this regard, H-Energy would like to put forward following additional view/suggestion.

- The proposed natural gas pipeline of 1400 km may be splitted up into two separate pipelines and extended upto Dabhol LNG Terminal (240 km) in Maharashtra to directly connect to the gas sources viz. Dabhol LNG Terminal and Jaigarh LNG Terminal. In view of the above PNGRB may conduct bidding for two separate pipelines as (i) Dabhol to Nagpur and; (ii) Nagpur to Angul. The rationale for the abovementioned suggestion are detailed below:

1. The complete length of the proposed pipeline shall be 1640 km approx., if extended up to Dabhol. A time period of 36 months for such a long pipeline may not be sufficient considering the technical factors, time required for statutory permissions from various Government agencies, ROU acquisition etc. Hence our proposal of splitting up the proposed pipeline shall help in early construction and commissioning.
2. Splitting up the proposed pipeline as suggested above shall further help to reduce the capital requirements by one entity.

Yours faithfully,



Hiren Mehta

General Manager – Marketing

