



## पेट्रोलियम एवं प्राकृतिक गैस विनियामक बोर्ड

Petroleum and Natural Gas Regulatory Board

प्रथम-तल, वर्ल्ड ट्रेड सेंटर, बाबर रोड, नई दिल्ली 110001  
1<sup>st</sup> Floor, World Trade Centre, Babar Road, New Delhi – 110001  
फैक्स नं / . Fax No. 91 11 23709151; E-mail contact@pngrb.gov.in

Ref: PNGRB/Auth/2-NGPL(02)/2020

Date: 15.05.2020

To

GAIL (India) Limited

[Kind Attn: Shri Manoj Jain, C&MD]

16, Bhikaji Cama Place,

R.K. Puram, New Delhi - 110 066

**Sub: Grant of Authorization for Mumbai - Nagpur - Jharsuguda Natural Gas Pipeline (Bid No: BID/NGPL/14/2019/01/MNJPL).**


Sir,

With reference to the bid submitted by GAIL (India) Limited for the proposed Mumbai (Maharashtra) - Nagpur - Jharsuguda (Odisha) Natural Gas Pipeline against the Bid No. BID/NGPL/14/2019/01/MNJPL and the Performance Bond submitted by GAIL vide letter No. GAIL/ND/RA/Bid-MNJPL/2020 dated 14.05.2020, please find enclosed the Grant of Authorization in Schedule-D of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008 for Mumbai - Nagpur - Jharsuguda Natural Gas Pipeline.


2. It may be noted that the authorization shall be governed by Schedule - D of authorization letter, the provisions of the relevant Regulations, various terms & conditions contained in the 'Application cum Bid document' and the clarifications issued by PNGRB w.r.t. Bid No. BID/NGPL/14/2019/01/MNJPL.
3. Kindly acknowledge this letter and send us the acceptance within 15 days from the date of this letter.
4. This authorization is being issued with the approval of the Board.

Encl: As Above

Yours faithfully,

  
(Arvind Kumar)

Additional Adviser

  
कुमार शंकर / KUMAR SHANKER  
मुख्य महाप्रबंधक (विपणन-आर.ए.) / Chief General Manager (Mktg.-RA)  
गैल (इण्डिया) लिमिटेड / GAIL (India) Limited

अरविन्द कुमार  
ARVIND KUMAR  
अपर सलाहकार  
Additional Adviser  
पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड  
Petroleum & Natural Gas Regulatory Board

**Schedule D**

[see regulations 9 (1) and 18 (7)]

**Grant of authorization for laying, building, operating or expanding  
Mumbai - Nagpur - Jharsuguda Natural Gas Pipeline**

**Ref: PNGRB/Auth/2-NGPL(02)/2020**

**15<sup>th</sup> May, 2020**

To  
GAIL (India) Limited  
[Kind Attn: Shri Manoj Jain, C&MD]  
16, Bhikaji Cama Place,  
R.K. Puram, New Delhi - 110 066

**Subject: Grant of authorization for laying, building, operating or expanding natural gas pipeline along the route of Mumbai (Maharashtra) - Nagpur - Jharsuguda (Odisha) under the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.**

Sir,

With reference to your application for grant of authorization for laying, building, operating or expansion of natural gas pipeline along the route of Mumbai (Maharashtra) - Nagpur - Jharsuguda (Odisha), it has been decided to grant authorization to you, subject to the provisions under the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008 on the following terms and conditions, namely:

1. The route for laying, building, operating or expanding the natural gas pipeline shall be as depicted in the enclosed drawing (Annexure-1).
2. The entity shall complete the activities of laying, building or expansion activities of natural gas pipeline and commission the natural gas pipeline project as per the enclosed time schedule and targets (Annexure - 2). The entity

  
**ARVIND KUMAR**  
अपर सलाहकार  
Additional Adviser

  
**कुमार शंकर / KUMAR SHANKER**



is allowed a maximum period of thirty-six months from the date of issue of the authorization letter for commissioning of the natural gas pipeline project. Any failure on the part of the entity in complying with the targets prescribed in the time schedule shall lead to consequences as specified under regulation 16 of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.

3. The capacity in the natural gas pipeline shall be equal to **16.5** Million Standard cubic meter per day (MMSCMD).
4. The extra capacity in the natural gas pipeline shall be equal to 4.12 MMSCMD as per the provisions specified in clause (j) of sub-regulation (6) of regulation 5 and shall be available for use on common carrier basis by any third party on open access and non-discriminatory basis.
5. The authorized entity shall be required to take prior approval from the Board for creation of any lien or charge or hypothecation on the assets of the natural gas pipeline to secure finances for the project and furnish details of utilization of funds. However, in case of raising funds from any financial institution or bank, the entity will be required to only inform the Board of the sanction of the funds, within a period of seven days.
6. The entity shall publish the approved tariff for each of the tariff zone of the natural gas pipeline.
7. The entity shall submit a detailed and clear financial closure report to the Board within a period of one hundred and eighty days from the date of authorization issued by the Board under regulation 9 of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.
8. The furnishing of performance bond of **Rs. 200 million** is a guarantee for timely commissioning of the project as per the prescribed targets submitted in the bid and for meeting the performance undertakings during operating phase of the project.

  
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अपर सलाहकार

  
कुमार शंकर / KUMAR SHANKAR

9. The entity shall abide by the service obligations specified under regulation 14 and quality of service standards under regulation 15 of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.
10. In case the authorization of the entity is terminated, the Board may assign the rights and obligations to any agency or another entity on such terms and conditions, as it may deem fit. Further, the entity may be required, as per the directions of the Board, to continue the operations of the natural gas pipeline at the same level till another agency or entity appointed by the Board takes over the full control of the natural gas pipeline.
11. The entity shall comply with the provisions under-
  - (a). the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008;
  - (b). the Petroleum and Natural Gas Regulatory Board (Determination of Natural Gas Pipeline Tariff) Regulations, 2008;
  - (c). the service obligations specified in Schedule J to the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008;
  - (d). the relevant regulations for-
    - (i) the technical standards and specifications, including safety standards;
    - (ii) the access code;
    - (iii) determination of capacity for natural gas pipeline;
    - (iv) affiliate code of conduct;
    - (v) declaring natural gas pipelines as common carrier or contract carrier;
  - (e). any other regulations as may be applicable and the provisions of the Act.



12. The entity shall comply with any other term or condition which may be notified by the Board in public interest, from time to time.

You are requested to confirm your acceptance in the space provided below and return the same in original.

Date: 15.05.2020

Yours faithfully,




(Arvind Kumar)  
Additional Adviser

अरविन्द कुमार  
ARVIND KUMAR  
अपर सलाहकार  
Additional Adviser  
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Petroleum & Natural Gas Regulatory Board  
प्रथम तल, वर्ल्ड ट्रेड सेंटर  
1st Floor, World Trade Centre  
बाबर रोड, नई दिल्ली-110001  
Babar Road, New Delhi-110001

**Acceptance of Grant of Authorization**

I / We hereby agree to the grant of authorization issued by the Board vide letter ref. < PNGRB/Auth/2-NGPL(02)/2020 > dated < 15/05/2020 > and agree to comply with all the terms and conditions subject to which I / We have been granted authorization for laying, building, operating or expanding natural gas pipeline along the route of < MUMBAI-NAGPUR-JHARSUGUDA > in the States of < MAHARASHTRA-ODISHA >

Date: 29/05/2020  
Place: NEW DELHI

  
Signature of the Entity or Authorized Signatory  
Name and Official Seal

कुमार शंकर / KUMAR SHANKER  
मुख्य महाप्रबंधक(विपणन-आर.ए.) / Chief General Manager (Mktg.-RA)  
गैल (इण्डिया) लिमिटेड / GAIL (India) Ltd.  
16, भीकाएजी कामा प्लेस / 16, Bhikaji Cama Place  
नई दिल्ली 110066 / New Delhi-110066

**TIME SCHEDULE AND TARGETS FOR**  
**MUMBAI - NAGPUR - JHARSUGUDA NATURAL GAS PIPELINE**

**CAPACITY BUILD-UP SCHEDULE:**

	<b>Year-1 to Year- 25</b>
System Capacity for the pipeline system required to be built up	<b>16.5 MMSCMD*</b>
Extra capacity in the pipeline system required to be built up as per Regulation 5 (6) (j) of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008	<b>At least 4.12 MMSCMD*</b>
Route of the pipeline	Mumbai (Maharashtra) - Nagpur - Raipur (Chhattisgarh) - Bilaspur - Korba - Raigarh - Jharsuguda (Odisha) with Spur line from Nagpur to Jabalpur and NTPC Korba
Main Trunk Line	Total 1405 km. a. 24"x 725 km (Mumbai to Nagpur section) b. 18"x 680 km (Nagpur to Jharsuguda section)
Spur Line	Total 350 km. a. 18"x 160 km/12"x160 km (Spur line tap-off from Nagpur to Jabalpur) b. 12"x 30 km (NTPC spur line tap-off from Korba)
No. of Compressor Station	One (1W+1S)

**Natural Gas Pipeline Monitoring Schedule-** As submitted in the bid

**Note:**

\* - As per the provisions of the PNGRB (Determining Capacity of Petroleum, Petroleum Products and Natural Gas Pipeline) Regulations, 2010.

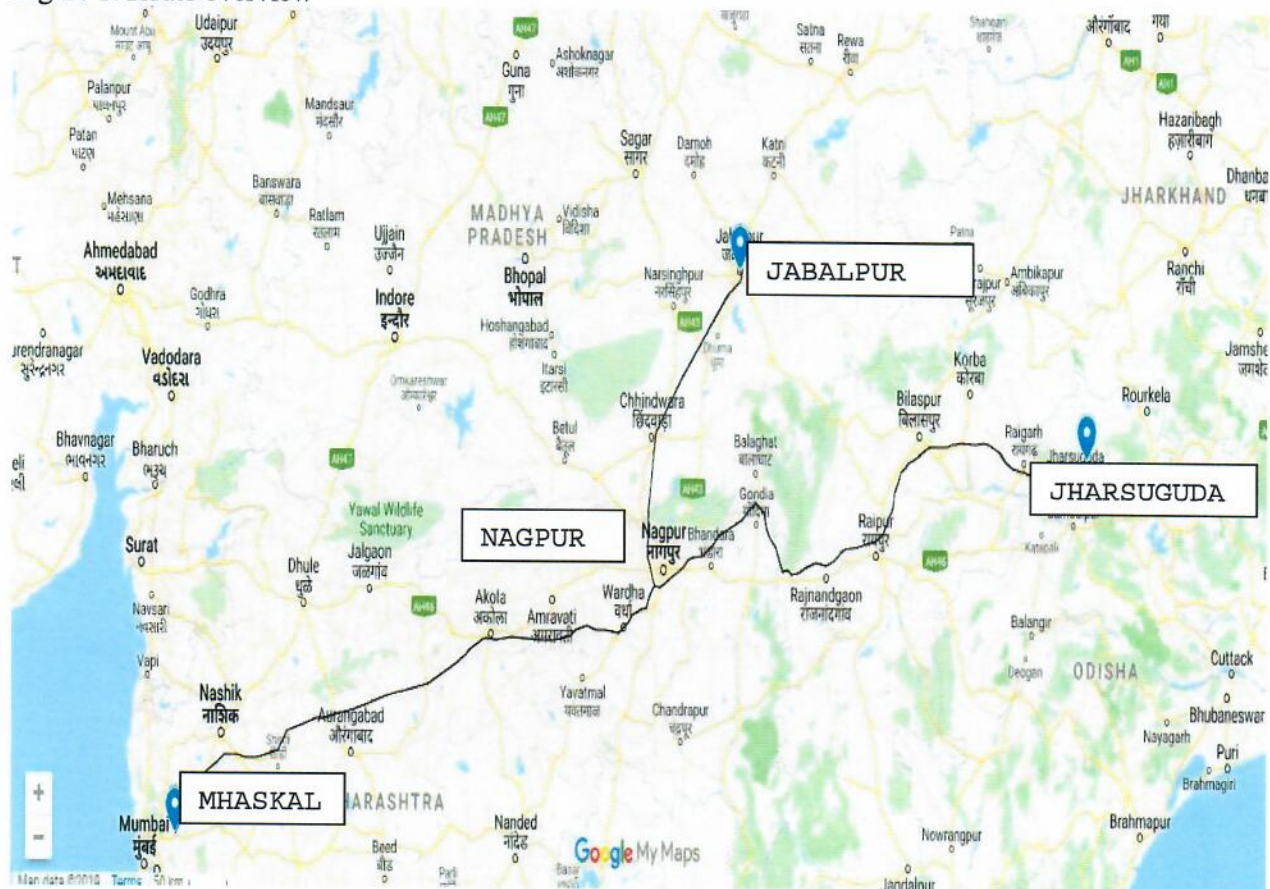
*S. Kumar*

*Arvind Kumar*  
**ARVIND KUMAR**  
अपर सलाहकार  
Additional Adviser



## FEASIBILITY REPORT FOR MNJPL PROJECT (Mumbai Nagpur Jharsuguda Natural Gas Pipeline)

Figure 1: Route overview



अरविन्द कुमार  
ARVIND KUMAR  
अपर सलाहकार  
Additional Adviser

पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड  
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1st Floor, World Trade Centre  
बाबर रोड, नई दिल्ली-110001  
Babar Road, New Delhi-110001

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S. Kumar

February, 2020

कुमार शंकर / KUMAR SHANKER  
मुख्य महाप्रबंधक (विपणन-आर.ए.) / Chief General Manager (Mktg.-RA)  
गैल (इण्डिया) लिमिटेड / GAIL (India) Ltd.  
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