

Format for submission of views on the Expression of Interest for

EOI by IMC to Lay, Build and Operate Petroleum Product (ATF) Pipeline from JNPT Terminal to Navi Mumbai International Airport – Mumbai, Maharashtra

Views in respect of the Expression of Interest		Public Notice No. PNGRB/Auth/3-PPPL(05)/2019 Date: 23 rd August, 2019
1	Name of the entity / person	Hindustan Petroleum Corporation Ltd.
2	Complete address	Hindustan Petroleum Corporation Ltd., Hindustan Bhawan , 8 SV Marg, Ballard Estate, Mumbai - 400 001
3	E-mail ID/ telephone / fax	Telephone: 022-22637000 extn-7203, Fax : 22611776
4	Identification proof (in case of an individual person)	N.A.
5	Views and suggestions related to:	
a)	Petroleum Products Pipeline proposed by the entity for laying, building, operating or expanding Petroleum and Petroleum Products Pipeline	<p>1. Such small pipelines are of City petroleum product pipeline nature. PNGRB Act specified Common carrier pipelines specify only Gas pipeline network to be operated as City Gas Distribution networks under the Regulator. PNGRB is also not monitoring Into Plane hydrant networks of various airport authorities or small pipelines laid from the port locations.</p> <p>2. If the Hon'ble Regulator decided to monitor a common carrier network for Mumbai Airports, the proposal may be modified to cover both, operating Airports and other Coastal Terminal operators.</p> <p>3. Which POL Terminal at JNPT is proposed to be connected and what are the proposed charges of that terminal? The Regulator may need to ensure the competitive tariffs are not having back charges at both end storage facilities while finalizing the competitive tariffs.</p>
b)	Other aspects of the proposal	NA
c)	Any other issue	NIL

(*) To be separately submitted for each pipeline.

Date: 20-09-2019

Place: Mumbai


 S. S. Bramhe
 GM- Aviation (Opns)



Indian Oiltanking

Submission of view on the Expression of Interest submitted by IMC to lay, build, operate or expand petroleum and petroleum product (ATF) pipeline from JNPT Terminal to Navi Mumbai International

Views in respect of the Expression of Interest		No: PNGRB/Auth/3-PPPL(05)/2019
1	Name of the entity / person	Indian Oiltanking Limited (IOT)
2	Complete address	Y2, IOT House, Off Ceat Tyre Road, Near Nahur Station, Bhandup Village Road, Mumbai 400078.
3	E-mail ID/ telephone / fax	Atul.kharate@iotl.com L/L : +91 22 61524803/ Mob: +91 7045146769
4	Identification proof (in case of an individual person)	NA
5	Views and suggestions related to:	
a)	Petroleum Products Pipeline proposed by the entity for laying, building, operating or expanding Petroleum and Petroleum Products Pipeline	<p>Indian Oiltanking Limited (IOT) (formerly known as IOT Infrastructure & Energy Services Limited) is a JV of Indian Oil Corporation Limited and Oiltanking India GmbH, both leaders in the Oil and Gas Sector.</p> <p>IOT is in the business of developing Infrastructure and providing storage services to the Oil Industry since 1998 currently own and operate terminals at Navghar, Paradip, Raipur and Goa. IOT is a registered ATF Service Provider approved by the DGCA, handling ATF at Paradip and Raipur. We also have the experience of developing, constructing, laying +300 KM of pipelines.</p> <p>As an O & M service provider, we also handle ATF for IOCL at JNPT and Dumad (Vadodara, Gujarat).</p> <p>IOT Terminal at Navghar/ JNPT has a current storage capacity of 250000 KL for petroleum products and is able to receive or despatch product through rail and road and sea. We have two 24" pipelines for petroleum products connecting our terminal to the JNPT Jetty. We also have land available for expansion of the Navghar terminal and are in the process of expanding the current facility at Navghar to include storage of ATF.</p> <p>1. Being an independent service provider, we have already obtained the "in principle" approval from CIDCO to lay a pipeline for transporting ATF from the existing storage</p>



Indian Oiltanking Limited

Formerly IOT Infrastructure & Energy Services Ltd

NH-4B, Dronagiri Node, Navghar, Navi Mumbai - 400 707 (India) • Phone : +91-8828812000 / 3000 / 4000

Regd. Office : Plot No. Y2, CTS 358, A/2, Village Bhandup, Off CEAT Tyre Road, Near Nahur Station, Bhandup (W), Mumbai - 400078

Ph: +91-22-6152 4500/600 | Fax: +91 61524777/888/999 | Web: www.iotl.com | CIN : U23200MH1996PLC102222

Atul K.

Indian Oiltanking

		terminal at Navghar to the New Airport at Navi Mumbai. 2. Our existing terminal being proximate to the new airport, our proposed pipeline is better positioned to service the new airport and at a competitive cost.
		3. Our experience makes us capable of serving the entire ATF requirement for the new airport at a competitive cost on "open access" basis. 4. Given the infrastructural and technical capacity of IOT, IOT should be given the right to lay and operate the pipeline from JNPT to the New Airport.
b)	Other aspects of the proposal	
c)	Any other issue	

For Indian Oiltanking Limited

Date : 21-09-19
Place : Mumbai


Atul Kharate 21/09/19
(Vice President & Head - O&M)



**Comments of IndianOil against Public Notice dated 23.8.2019 of PNGRB for
“To Lay, Build, Operate or Expand Petroleum and Petroleum Products (ATF)
Pipeline from JNPT Terminal to Navi Mumbai International Airport-Mumbai,
Maharashtra”**

Views in respect of the Expression of Interest		Public Notice No: PNGRB/Auth/3-PPPL(05)/2019 Dated 23.08.2019
1.	Name of the entity / person	Indian Oil Corporation Ltd.
2.	Complete address	Indian Oil Corporation Ltd. IndianOil Bhavan, G-9, Ali Yavar Jung Road, Bandra (East), Mumbai- 400 051
3.	E-mail ID / telephone / fax	sergupta@indianoil.in +91-022-26447914 / 7042000898
4.	Identification proof (in case of an individual person)	NA
5.	Views and suggestions related to :	
(a)	Petroleum Products Pipeline proposed by the entity for laying, building, operating or expanding Petroleum and Petroleum Products Pipeline	As given in Annexure-I(a)
(b)	Other aspects of the proposal	As given in Annexure-I(a)
(c)	Any other issue	The information/ submission are without prejudice to IOCL's rights and contentions under law.

Date: 19.9.2019

Place: Mumbai



Name and Signature of Entity / Individual Person

Official Seal (in case of Entity)

एस. आर. गुप्ता
S. R. GUPTA
 मुख्य महासंचालक (विमानन)
 Chief General Manager (Aviation)
 इंडियन ऑयल कॉर्पोरेशन लिमिटेड, (पि. डी.) (अ. का.)
 Indian Oil Corporation Ltd., (M.D.) (H.O.)
 इंडियन ऑयल भवन/IndianOil Bhavan,
 पी-९, अली यावर जंग मार्ग/G-9, Ali Yavar Jung Marg,
 बंदरा (पूर्व), मुंबई-400051/Bandra (E), Mumbai-400051.

Annexure-I(a)

1. IndianOil is a major producer and supplier of ATF in the country. At Mumbai, IndianOil is meeting approx.60% requirement of Chatrapati Shivaji Mumbai International Airport and is committed to meet ATF requirement of upcoming Navi Mumbai International Airport (NMIA). Therefore, IndianOil welcomes and supports the proposal for laying of Common Carrier ATF Pipeline from JNPT Terminal to Navi Mumbai International Airport.
2. As given in EOI, the originating point of the pipeline is JNPT Terminal. IndianOil is having its own terminal at JNPT and IndianOil had also been contemplating of laying an ATF pipeline originating from JNPT. Therefore, we agree for proposed common carrier pipeline to originate from JNPT wherein IndianOil can provide connectivity to this pipeline for placing ATF to NMIA.
3. Though EoI of IMC Limited mentions that length of the pipeline would be 22 km from JNPT Terminal and the pipeline would terminate inside Navi Mumbai International Airport, we understand that Navi Mumbai Airport Operator is contemplating separate public tender for awarding rights to lay pipeline to their fuel farm inside Airport Area and all entities who are interested in laying pipeline in the Airport need to bid and qualify. Permission for laying ATF pipeline inside Airport through reserved corridor to bring ATF upto the fuel farm of NMIA would be assigned to successful bidder.
4. In this background, Hon'ble PNGRB is requested to clarify whether entity submitting EOI for Navi Mumbai ATF pipeline has some understanding / agreement available for laying the pipeline upto fuel farm inside Airport Area or whether such agreement would be available to any other entity, if that entity becomes successful after bidding.
5. If proposer of the EOI does not have any consent or permission for laying the pipeline inside Airport Area, Hon'ble PNGRB is requested to wait till Navi Mumbai Airport Operator decides on the entity or mode of laying and operation of pipeline inside Airport Area and then, seek bidding for the pipeline from JNPT to the point outside Airport or inside Fuel station as the case may be.
6. Hon'ble PNGRB is requested to share more details of the proposed pipeline route as the route map attached to the EOI does not provide much details.
7. M/s IMC Limited has indicated that about 0.6 to 1 MMTPA ATF would be moved through proposed pipeline in initial years. For the benefit of other prospective bidders, PNGRB may like to seek confirmation whether M/s IMC would commit this volume even if the pipeline, after bidding, is authorized to any other entity.



एस. आर. गुप्ता
S. R. GUPTA
मुख्य महाप्रबंधक (विमानन)
Chief General Manager (Aviation)
इंडियन ऑयल कॉर्पोरेशन लिमिटेड, (पि.ए.), (प्र. का.)
Indian Oil Corporation Ltd., (M.D.) (H.O.)
इंडियन ऑयल भवन/IndianOil Bhavan,
सी-९, जवाहर जंग मार्ग/G-9, All Yavar Jung Marg,
बंद्रा (पूर्व), मुंबई-400051/Bandra (E), Mumbai-400051.

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RC/5/2019
September 23, 2019

Secretary
Petroleum and Natural Gas Regulatory Board
1st Floor, World Trade Centre, Babar Road,
New Delhi - 110001

Sub: PNGRB Public Notice No. PNGRB/Auth/3-PPPL(05)/2019 dt. 23 August 2019

This has reference to the PNGRB Public Notice No. PNGRB/Auth/3-PPPL(05)/2019 dated 23 August 2019 seeking views and suggestions related to Petroleum Products (ATF) Pipeline from JNPT Terminal to Navi Mumbai International Airport- Mumbai, Maharashtra.

We have submitted our views and suggestions in the desired format vide our email dated September 20, 2019.

Since your office was closed over the weekend, a copy of the above referred submission made through our email dated 20.9.2019, is enclosed herewith once again, for your kind consideration.

.Thanking You,

For **Reliance Industries Ltd,**

Rakesh Kohli

Vice President – Corporate Affairs
Petroleum (Refining & Marketing)

V
23/9
AA/AA/1

**Format for submission of views on the Expression of Interest for
Pipeline from JNPT Terminal to Navi Mumbai International Airport-Mumbai,
Maharashtra**

PNGRB Public Notice--No: PNGRB/Auth/3-PPPL (05)/2019

Views in respect of the Expression of Interest		Ref Nil dt 12th Aug 2019 from M/s IMC
1	Name of the entity / person	M/s Reliance Industries Ltd.
2	Complete address	5 th Floor, Meridien Commercial Tower, Windsor Place, Janpath, New Delhi - 110001
3	E-mail ID/ telephone / fax	rakesh.kohli@ril.com
4	Identification proof (in case of an individual person)	
5	Views and suggestions related to:	
a)	Petroleum Products Pipeline proposed by the entity for laying, building, operating or expanding Petroleum and Petroleum Products Pipeline	Refer Annexure 1
b)	Other aspects of the proposal	Refer Annexure 2
c)	Any other issue	

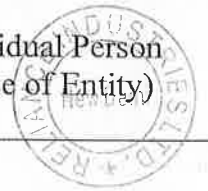
(*) To be separately submitted for each pipeline.

Date: 20/09/19

Place: New Delhi

Rakesh Kohli

Name and Signature of Entity/ Individual Person
Official Seal (in case of Entity)



Annexure 1

PNGRB Public Notice No. PNGRB/Auth/3-PPPL(05)/2019 dt. 23 August 2019

Views and Suggestions Related to Petroleum Products (ATF) Pipeline from JNPT Terminal to Navi Mumbai International Airport- Mumbai, Maharashtra.

1. Location of "JNPT terminal" as mentioned in the EOI is not clear. Location and ownership of terminal to be clearly indicated.
2. Route map provided does not provide adequate information. Following information to be provided –
 - a. Detailed route map of pipeline with distance and change points marked.
 - b. Details of rivers / creek crossing (if any). (In case if pipeline is laid under-water, QC related issues may arise)
 - c. Depth at which the pipeline will be laid
 - d. Location of Access points.
3. Details and status of ROW for laying the pipeline are not mentioned.
4. Details and status of approvals from CIDCO / PESO / DGCA and other statutory bodies for laying the pipeline are not mentioned.
5. Facility design should be based on international guidelines and best practices in line with JIG, EI, IATA, API, NFPA, DGCA, OISD etc.

6. IMC to provide following details on pipeline
 - a. Pipeline Specifications
 - b. Internal coating specifications (if any)
 - c. Corrosion Protection Measures
 - d. Additional protection measures for under-water pipeline
 - e. Diameter of Pipeline
 - f. Normal operating pressure of pipeline
 - g. Pressure Rating of Pipeline
 - h. Availability of space in the ROW for laying additional lines (if yes, provide No. and diameter)
 - i. Is the pipeline piggable? If yes, location of pig launcher and receiver to be indicated.
 - j. Leak Detection System
 - k. Details of flow-meters / metering system

7. IMC to provide following details on pumps
 - a. Type of pumps
 - b. MOC of pump (Casing & Impeller) – ATF is sensitive to certain metals
 - c. No. of pumps (Working + Standby)
 - d. Capacity of each pump (Cum / Hr)
 - e. Operating pressure of pump (Kg / sqcm)

8. Capacity of proposed pipeline is 1 MMTPA as against the potential demand of 2 MMTPA. IMC to confirm on the following
 - a. Plan to increase the capacity to 2 MMTPA
 - b. If yes, details of the augmentation plan and timeline on execution of the augmentation.
 - c. If No, how is the balance demand proposed to be met?

9. ATF supplies to the Airport is lifeline to Airport Operations and cannot be subjected to monopolistic use of single or limited entities. The aviation industry already has existing pipelines in Mumbai Airport (from HPCL Refinery to Mumbai Airport and from BPCL Refinery to Mumbai Airport) where monopolistic operations are underway and interested fuel suppliers are denied access resulting in creation of formidable barrier to competition by the entities. This discriminatory approach is being utilised by the existing fuel suppliers for fixing prices and exercising controls leading to higher cost to consumers.

The pipeline as proposed in EOI should be strictly designated as a Common Carrier for use by all interested suppliers / marketing entities on Non-discriminatory & transparent basis to encourage fair competition amongst the fuel supplier which will eventually benefit the consumers. This non-discriminatory & transparent approach should also be extended to the terminal facilities which is an integral part of the fuel supply chain.

Annexure 2

PNGRB Public Notice No. PNGRB/Auth/3-PPPL(05)/2019 dt. 23 August 2019

Views and Suggestions Related to Other Aspects of the Proposal

These points relate to "Terminal Facility" as mentioned in the EOI

For pipeline access to be meaningful, a terminal facility covering receipt, storage and despatch for introducing / evacuating product should be explicitly included as an integral part of the pipeline system. With ATF production of Mumbai Refineries getting consumed at the existing Mumbai Airport, NMIA supplies will mandatorily have to be sourced from other refinery locations calling for robust system of receipt, storage and despatch for assured supply of ATF to NMIA.

It is prudent to have details of the terminal integrated with the pipeline covered under the details below

1. ATF Storage Tanks being provided at JNPT terminal
 - a. MOC of tank
 - b. Storage capacity (tank-wise) - commensurate with the ATF requirement at Airport considering storage cover in line with best industry practice.
 - c. Type (roof type, bottom type, bottom slope, sump location), Dia x Height and Capacity of tanks proposed
 - d. Size of inlet nozzle and outlet nozzle
 - e. Type of internal lining of the tank and its coverage (bottom, shell, roof)
 - f. Any subsequent augmentation plan for tankage?
 - g. Provision of Slop Tank for storage of off-spec product – If yes, Type of tank, MOC, capacity thereof.

2. Unloading Facilities : Provision for commensurate facilities for unloading of ATF through Ocean Tankers, Rail Wagon and Tank Trucks and transfer of product to storage tanks to be provided

a. Ocean Tanker Unloading Facility –

- i. Details of Marine loading arm / hose – size, MOC with internal lining if any
- ii. Jetty to Terminal - Pipeline specification with lining (if any)
- iii. Size of pipeline
- iv. Pressure Rating of pipeline,
- v. Pigging Facilities

b. Details of Rail Wagon Unloading Facilities:

- i. Single Spur / Double Spur Railway Siding
- ii. Piping Specifications with lining (if any)
- iii. Size and pressure rating of pipeline
- iv. Unloading through hose / mechanical arm -
- v. ATF Pump Details – Type, MOC of Casing / Impeller, Operating capacity (Cum/Hr) and Pressure (Kg/Sqcm)

c. Details of Tank Truck Unloading Facilities

- i. No. of TT Unloading Bays
- ii. Suitability of Gantry to handle 25 / 29 / 35 Kl and other higher capacity Tank trucks
- iii. MOC of unloading pipeline
- iv. Size and pressure rating of pipeline
- v. Unloading through hose / mechanical arm -
- vi. ATF Pump Details – Type, MOC of Casing / Impeller, Operating capacity (Cum/Hr) and Pressure (Kg/Sqcm)
- vii. Any meter provisioned for unloading facilities (if yes – details thereof)

- d. Provision for simultaneous unloading through various modes of receipt (Ocean Tanker / Rail / Tank Trucks)
3. Loading Facility: Provision of road loading facilities to facilitate transfer to ATF to NMIA in case of any disruption in pipeline operations.
 - i. No. of TT Loading Bays
 - ii. Suitability of Gantry to handle 25 / 29 / 35 Kl and other higher capacity Tank trucks
 - iii. Pipeline specifications with lining (if any)
 - iv. Size and pressure rating of pipeline
 - v. Loading through hose / mechanical arm -
 - vi. ATF Pump Details – Operating capacity (Cum/Hr) and Pressure (Kg/Sqcm)
 - vii. Provision of sick TT unloading bay
 - viii. Filtration System details
 - ix. Any meter provisioned for unloading facilities (if yes – details thereof)
 4. Lab Facilities – Details of Lab facilities proposed at the terminal for testing of ATF
 5. Facility design should be based on international guidelines for design and operation of ATF facilities and associated best practices in line with JIG, EI, IATA, API, NFPA, DGCA, OISD.

The terminal facility to be provided on strictly non-discriminatory basis and open-access model thereby providing equal opportunity to all interested suppliers to place their product through the most suitable means of transport and thereafter supply to Fuel Farm at NMIA through the pipeline.