

PL/PNGRB/BKPL/01

17th March 2016

recd on 18/3/16

To,
The Secretary
Petroleum and Natural Gas Regulatory Board,
1st floor, World Trade Centre,
Babar Road, New Delhi – 110001.

Secy/119
18/3/16

Dear Sir,

Subject: Expression of Interest to Lay, Build & Operate Petroleum Products Pipeline from Bina to Panki (BPPL).

Enclosed please find the application in the form of **Schedule A** as Expression of Interest by **M/s Bharat Petroleum Corporation Limited** to Lay, Build and Operate a Petroleum Product Pipeline from Bina, Dist. Sagar, M.P. to Panki, Dist. Kanpur, U.P. (BPPL).

We also confirm to the best of our knowledge that there have been no charges framed under Chapter IX of PNGRB Act, 2006 nor we have been punished or penalized under section 28 of the PNGRB Act, 2006.

You are kindly requested to initiate the process as per statute to grant authorization for laying, building and operating the subject petroleum product pipeline.

Thanking you,

W/P

18 Mar 16

Yours faithfully,

For Bharat Petroleum Corporation Limited



P. Anil Kumar
Head (Infra T/F), HQ

AA(AK)

26/3/16
18/3/2016

Encl: Schedule A

भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड
BHARAT PETROLEUM CORPORATION LTD.
भारत भवन 4 & 6, / Bharat Bhavan 4 & 6,
करीमभाँय रोड, बेलार्ड इस्टेट, / Curimbhoy Road, Ballard Estate,
मुंबई - 400001. / Mumbai - 400001.

D.D(LMS)

12/c

Schedule A

[see regulations 4 (1) and 5 (6)]

Application form for submitting expression of interest by an entity desirous of laying, building, operating or expanding a petroleum and petroleum products pipeline.

- A. Only an entity which complies with the minimum eligibility criteria as per regulation 5 (6) of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010 is eligible to submit its application for submission of expression of interest to the Board.
- B. Entities must enclose documentary proof in support of its meeting the minimum eligibility criteria.

Presently we are owning and operating following Multi-Product pipeline:

Sr. No.	Pipeline	Length (KM)	Capacity (MMTPA)	Year of Commissioning
1.	Mumbai to Manmad	252	6.0	1998
2.	Manmad to Mangliya	358	3.5	2003
3.	Mangliya to Piyala	722	2.2Mangliya to Kota & 4.4 Kota to Piyala	2007
4.	Piyala to Bijwasan	57	1.0	2007
5.	Bina Kota	259	4.4	2011

- We have a dedicated pipeline project team who have carried out these projects on PMC basis
- We have a separate pipeline operation and maintenance team located at multiple locations, which has the experience of operation and maintenance of products pipeline for more than 18 years.
- Following BPCL petroleum pipelines have been authorized by PNGRB:
 1. Kota- Jobner Petroleum and Petroleum Product Pipeline
 2. Irugur - Devangonhi Petroleum and Petroleum Product Pipeline

C. The entity submitting the expression of interest must submit the following information:

1	General Details	
A	Name of the Entity	Bharat Petroleum Corporation Limited
B	Type of firm – Public Limited Company / Private Limited Company / Partnership firm / Proprietorship firm / Others (please specify)	Public Limited Company (Public Sector Undertaking- A Govt. of India Enterprise)

11/c

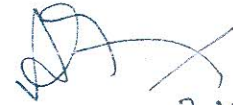
C	Date of incorporation and date of commencement of business	On acquisition of Burmah-Shell oil storage and distribution Company by Govt. of India, the company was renamed as Bharat Refineries Ltd on 24 th Jan 1976. In year 1977 it was re-named Bharat Petroleum Corporation Limited (BPCL). Consequent to this change of name certificate of incorporation was re-issued on 01/08/1977.
D	Address of the Registered office	Bharat Petroleum Corporation Limited Bharat Bhavan, 4 & 6, Currimbhoy Road, Ballard Estate, Mumbai - 400001
E	Name, addresses, telephone numbers, e-mails of all directors / partners / proprietor.	Enclosed as Annexure-I
2	Primary Technical Data	
A	Point of origin and the end point of the proposed petroleum and petroleum products pipeline	Point of Origin – Bina Despatch Terminal, Sagar District, Madhya Pradesh. End point – Panki depot, Kanpur District (Uttar Pradesh)
B	Indicative route of the proposed petroleum and petroleum products pipeline indicating the likely petroleum products injection points and likely delivery points depicted on a physical map	Route Map attached as Annexure II . Injection point – Bina (Madhya Pradesh) Delivery Point – Panki (Uttar Pradesh)
C	Petroleum products availability position	Bharat Oman Refineries Limited, a BPCL joint venture with Oman Oil Company Limited, has a 6.0 MMTPA refinery at Bina. Presently the products from Bina refinery is being evacuated through Bina – Kota pipeline, Rail wagons and Road tankers. Now Bina refinery is being augmented to 7.8 MMTPA and the expansion is expected to be completed by 2018-19. Hence there is a need for new Pipeline to evacuate additional product, post refinery expansion. The proposed Bina – Panki 16” pipeline will have its origin at Bina Dispatch Terminal which is adjacent to the Bina refinery. Thus product availability is assured for this pipeline.
D	Potential demand of petroleum products en-route the petroleum and petroleum product pipeline	As per the estimated potential own demand of BPCL for MS, HSD and SKO works out as follows: 2020-21 : 2.22 MMTPA 2025-26 : 2.76 MMTPA

10/c

E	Assessment of total volume for transportation in the proposed petroleum and petroleum products pipeline	The total volume assessed for transportation is as follows: 2020-21 : 2.78 MMTPA 2025-26 : 3.45 MMTPA This includes 25% of BPCL Volume for common carrier for open access on non-discriminatory basis to third party.
F	Any other issue considered as relevant by the entity	Nil
3	Application fee of Rs.10,000/- _____ paid vide demand draft/ pay order number <__> and dated <__> drawn on <name of bank and branch>.	Demand Draft Amount : Rs.10, 000 paid DD no. 367722, Dated 17.03.2016 Bank Name : State Bank of India Branch :Ballard Estate, Fort, Mumbai

Date: 17.03.2016

Place: Mumbai



P. ANIL KUMAR

Name and signature of entity or authorized signatory

Official Seal

भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड
BHARAT PETROLEUM CORPORATION LTD.

भारत भवन 4 & 6, / Bharat Bhavan 4 & 6,
करीमभाय रोड, बेलाई इस्टेट, / Currimbhoy Road, Ballard Estate,
मुंबई - 400001./Mumbai - 400001.

9/c

Annexure-I

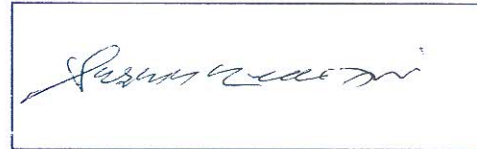
1.E. List of Directors of Bharat Petroleum Corporation Ltd. as on 14.03.2016

Sr. No.	Name	Office Address
1	Shri S. Varadarajan Chairman & Managing Director	Bharat Petroleum Corporation Limited Bharat Bhavan, 4&6, Currimbhoy Road, Ballard Estate, Mumbai – 400001 022 - 22713201 varadarajans@bharatpetroleum.in
2	Shri S. Ramesh Director (Marketing)	Bharat Petroleum Corporation Limited Bharat Bhavan, 4&6, Currimbhoy Road, Ballard Estate, Mumbai – 400001 022 - 22713231 rameshs@bharatpetroleum.in
3	Shri B.K. Datta Director (Refineries)	Bharat Petroleum Corporation Limited Bharat Bhavan, 4&6, Currimbhoy Road, Ballard Estate, Mumbai – 400001 022 - 22713211 databk@bharatpetroleum.in
4	Shri S.P. Gathoo Director (Human Resources)	Bharat Petroleum Corporation Limited Bharat Bhavan, 4&6, Currimbhoy Road, Ballard Estate, Mumbai – 400001 022 - 22713221 gathosp@bharatpetroleum.in
5	Shri P. Balasubramanian Director (Finance)	Bharat Petroleum Corporation Limited Bharat Bhavan, 4&6, Currimbhoy Road, Ballard Estate, Mumbai – 400001 022 - 22713241 balasubramanianp@bharatpetroleum.in
6	Shri Anant Kumar Singh Government Director	Additional Secretary & Financial Advisor, Ministry of Petroleum & Natural Gas, Shastri Bhavan, New Delhi – 110001 011 – 23381704 / 26873981 asfa.png@gov.in
7	Shri P.H. Kurian Government Director	Principal Secretary (Industries & IT) Govt. of Kerala, Secretariat, M.G. Road, Trivandrum, Kerala - 695001 0471 – 2329024 / 2518977 secy.itd@kerala.gov.in

2

8/c

8	Shri Deepak Bhojwani Independent Director	Apartment 8B, Building 1, Sector-50, Gurgaon, Haryana – 122002 8447501116 bhojwani@latindiaconsult.com deepakbhojwani@hotmail.com
9	Shri Gopal Chandra Nanda Independent Director	Cantonment Bungalow 29, Near Biju Pattnaik Chowk, Cantonment Road, Cuttack, Odisha – 753008 9437063555 gopalchnanda@gmail.com
10	Shri Rajesh Mangal Independent Director	E-26, Kamala Marg, C-Scheme, Jaipur, Rajasthan – 302001 9314501354 / 0141 – 2722297 / 0141 – 5104101 rmangalca@gmail.com



सचिव, एन.पी.सी. लिमिटेड
S. N. Datta Road
कंपनी कार्यालय / Company Secretary
भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड
Bharat Petroleum Corporation Limited

18

6/c

Annexure III

Details/Enclosures in support of BPCL meeting the minimum eligibility criteria as per Regulation 5 (6)

Reg. 5 (6)	Eligibility Norm	Remarks																														
(a)	Application fees	Demand Draft Amount : Rs.10, 000 paid vide DD no.367722, Dated 17.03.2016 Bank Name : State Bank of India Branch :Ballard Estate, Fort, Mumbai																														
(b) (i)	Entity is technically capable of laying & building Petroleum & Petroleum products pipeline	BPCL has laid and is operating following petroleum product pipelines of cumulative pipeline length > 300 Km namely; <table border="1" style="margin-top: 10px;"> <thead> <tr> <th>Sr. No.</th> <th>Pipeline</th> <th>Length (KM)</th> <th>Capacity (MMTPA)</th> <th>Year of Commissioning</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Mumbai to Manmad</td> <td>252</td> <td>6.0</td> <td>1998</td> </tr> <tr> <td>2.</td> <td>Manmad to Mangliya</td> <td>358</td> <td>3.5</td> <td>2003</td> </tr> <tr> <td>3.</td> <td>Mangliya to Piyala</td> <td>722</td> <td>2.2 from Mangliya to Kota 4.4 from Kota to Piyala</td> <td>2007</td> </tr> <tr> <td>4.</td> <td>Piyala to Bijwasan</td> <td>57</td> <td>1.0</td> <td>2007</td> </tr> <tr> <td>5.</td> <td>Bina to Kota</td> <td>259</td> <td>4.4</td> <td>2011</td> </tr> </tbody> </table>	Sr. No.	Pipeline	Length (KM)	Capacity (MMTPA)	Year of Commissioning	1.	Mumbai to Manmad	252	6.0	1998	2.	Manmad to Mangliya	358	3.5	2003	3.	Mangliya to Piyala	722	2.2 from Mangliya to Kota 4.4 from Kota to Piyala	2007	4.	Piyala to Bijwasan	57	1.0	2007	5.	Bina to Kota	259	4.4	2011
Sr. No.	Pipeline		Length (KM)	Capacity (MMTPA)	Year of Commissioning																											
1.	Mumbai to Manmad		252	6.0	1998																											
2.	Manmad to Mangliya		358	3.5	2003																											
3.	Mangliya to Piyala		722	2.2 from Mangliya to Kota 4.4 from Kota to Piyala	2007																											
4.	Piyala to Bijwasan		57	1.0	2007																											
5.	Bina to Kota	259	4.4	2011																												
(c) (i)	Entity is technically capable of operating & maintaining Petroleum & Petroleum products pipeline																															
(d)	The entity has adequate financial strength.....for estimated pipeline length including branch pipelines – 251-1000Km	The net worth of BPCL as per the audited balance sheet as of 31.03.2015 is Rs.22,467.48 Cr. Copy Enclosed. The requirement as per regulation for total estimated length of 340 Km @ is Rs.6 million/Km is Rs.2040 millions i.e. Rs.204 Cr.																														
(e)	The entity, on being declared as a successful bidder and not being a company registered under the Companies Act, 1956, shall convert itself into a	BPCL is already registered under Companies Act, 1956.																														

5/c

	company registered under the Companies Act, 1956;	
(f)	The entity shall have a plan for utilization of the capacity in the proposed petroleum and petroleum products pipeline	BPCL would utilize the petroleum products pumped from Bina to Kanpur through this pipeline to feed markets in Uttar Pradesh.
(g)	The entity shall furnish Bid Bond in the form of Bank Guarantee.....	BPCL shall submit the applicable Bank Guarantee at the time of submission of Bid.
(h)	Entity submitting the bid should not have charges framed under Chapter IX of the act or has been punished or imposed in penalty under section 28.	To the best of our knowledge there have been no charges framed against BPCL under Chapter IX of the act or has been punished or imposed in penalty under section 28.
(i)	The capacity of petroleum and petroleum products pipeline shall be an aggregate of capacity requirement of the entity and 25% extra capacity.	Shall be complied with. The figure mentioned in 2E of Schedule A includes 25% capacity over and above BPCL's own requirement for common carrier on open access and non-discriminatory basis to third party.

भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड
BHARAT PETROLEUM CORPORATION LTD.
भारत भवन 4 & 6, / Bharat Bhavan 4 & 6,
करीमभाय रोड, बेलार्ड एस्टेट, / Cumimbhoy Road, Ballard Estate,
मुंबई - 400001. / Mumbai - 400001.

4/c

Bina-Kanpur Petroleum Product Pipeline

PROJECT DETAILS:

Project Name	: Bina Kanpur Pipeline
Pipeline length	: 340 KM
Size	: 16" Dia.
Product	: MS, HSD, SKO
Dispatch Station	: Bina (existing BPCL marketing terminal at Bina)
SV Station	: As per OISD
IP Station	: 1 No (future pumping station)
Receipt Station	: Kanpur (existing BPCL POL depot at Kanpur)

DEMAND FORECAST:

Phase	Year	Throughput in TMTPA at Kanpur			
		MS IV	HSD IV	SKO	Total
Commissioning Year	2020-21	602	1,440	179	2,221
Phase I	2025-26	853	1,764	144	2,761
Phase II	2033-34	1,184	2,189	117	3,490

PRODUCT AVAILABILITY:

Bharat Oman Refineries Ltd. (BORL), a joint venture of BPCL has set up a state-of-art, grass root refinery with a capacity of 6 MMTPA at Bina, Dist. Sagar, Madhya Pradesh and is currently under low-cost expansion to 7.8 MMTPA. BPCL have the exclusive rights for marketing the entire production of BORL refinery.

Post expansion, white oil (MS / HSD / SKO) will be about 5.46 MMTPA out of which 2.22 MMTPA will be moved to Kanpur and balance product will be moved by Bina-Kota pipeline towards Kota and Jobner or Rail / Road movement towards Northern Indian market.

The proposed pipeline will help in optimising the product movement of BPCL from Bina Refinery by replacing long lead rail movement to UP and Bihar markets by having an

3/c

Bina-Kanpur Petroleum Product Pipeline

efficient and safe mode of transport to our Panki depot, Dist. Kanpur, which is the major consumption centre as well as prominent rail head.

Route & Corridor Description:

The proposed pipeline traverses mainly along agricultural lands in the states of Madhya Pradesh and Uttar Pradesh.

From Bina Dispatch Terminal, the proposed pipeline runs in the northeast direction in the state of Madhya Pradesh and encounters two railway crossings. It then continues towards the same direction and enters Uttar Pradesh around Ch. 22 where it crosses *Narayani* River. After some distance past Pali, it encounters NH – 26 and thereafter it crosses another river named *Sajnam*. At around Ch. 88, it again enters Madhya Pradesh.

After travelling some distance, it crosses *Jamani* River and then encounters NH – 12A. Travelling in the same direction, at Ch. 138, it again enters Uttar Pradesh. After some distance it crosses *Dhasan* River and near Ranipur, it encounters NH – 76. After travelling in the same direction, it crosses two perennial rivers *Betwa* and *Yamuna*. From there travelling in the same direction, it encounters NH – 2 and continuing little eastwards from there, it reaches POL Terminal at Kanpur.

States : Madhya Pradesh and Uttar Pradesh
Districts : MP – *Sagar, Tikamgarh*
UP – *Lalitpur, Jhansi, Jalaun, Kanpur*

Salient Features of Pipeline Section:

Total Pipeline length : 340 km
Size of pipeline : 16”
Forest : 15 km approximately
NH : 3
SH : 6
ODR : 60
Rivers (Major & Minor) : 13
Canals : 50 – 60
Railway crossings : 7

2/c

Bina-Kanpur Petroleum Product Pipeline

BRIEF PROJECT FACILITIES:

The proposed Bina Kanpur pipeline shall have the facilities as per the OISD-141 along with the facilities related to safety, security and operation convenience so that seamless operations of Pipeline can be achieved.

- a. Bina despatch station: The major facilities proposed at existing BPCL marketing terminal at Bina are mainline and booster pumps, station piping area, basket filters, scrapper launcher, pressure control valve, metering facilities with flow meters, corrosion Inhibition system, control Buildings & associated facilities.
- b. Multi products cross country pipeline from Bina to Kanpur of approximately 340 KM.
- c. Intermediate pigging station & sectionalizing valve stations
- d. Receipt station at existing BPCL, POL depot at Kanpur: The major facilities proposed is station piping area, basket filters, scrapper receiver, pressure control valve, metering facilities with flow meters, corrosion monitoring system, control buildings & associated facilities.



भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड
BHARAT PETROLEUM CORPORATION LTD.
भारत भवन 4 & 6, / Bharat Bhavan 4 & 6,
करीमभाय रोड, बेलार्ड इस्टेट, / Curimbhoy Road, Ballard Estate,
मुंबई - 400001. / Mumbai - 400001.

जारी करने वाली संस्था भारतीय स्टेट बैंक
Issuing Authority: STATE BANK OF INDIA, CENTRAL OFFICE, MUMBAI
कॉड नं. / CODE No: 10715
सी.एन. / C.N. No: 022-22614784

मांग ड्राफ्ट
DEMAND DRAFT

Key: WELGAN
Sr. No: 931706

1 7 0 3 2 0 1 6
D D M M Y Y Y Y

मांगे जाने पर PETROLEUM & NATURAL GAS REGULATORY BOARD*****

ON DEMAND PAY
Ten Thousand Only

या उनके आदेश पर
OR ORDER

रुपये RUPEES

₹ 10000.00

अदा करें

AMOUNT BELOW 10001(1/5)

Sr. No: 931706

Key: WELGAN

IOI 000417367722

मूल्य प्राप्त / VALUE RECEIVED

भारतीय स्टेट बैंक
STATE BANK OF INDIA
अदाकर्ता शाखा / DRAWEE BRANCH: MICR CP CENTRE NEW DELHI
कॉड नं. / CODE No: 04328

कम्प्यूटर द्वारा मुद्रित होने पर ही वैध
VALID ONLY IF COMPUTER PRINTED
कम से 3 माहों के लिए वैध
VALID FOR 3 MONTHS ONLY

प्रशिक्षण हस्ताक्षरकर्ता
वसन्ती शर्मा प्रबन्धक
MANAGER
VASANTHI R.

₹ 1,50,000/- एवं अधिक के लिए इस नोट को अतिरिक्त शुल्क देना पड़ेगा।
INSTRUMENTS FOR ₹ 1,50,000/- & ABOVE ARE NOT VALID UNLESS SIGNED BY TWO OFFICERS

⑈ 3 6 7 7 2 2 ⑈ 0 0 0 0 0 2 0 0 ⑈ 0 0 0 4 1 7 ⑈ ⑈ ⑈

1/c