

## National Highways Authority of India

(Ministry of Road Transport and Highway Govt. of India)

परियोजना कार्यान्वयन इकाई-छपरा

Project Implementation Unit - Chhapra

मकान-श्री मति गायत्री देवी, ए१, प्रभुनाथ नगर, पारव तारी, धाना मुफसिल जिला-सारन (छपरा) बिहार, पिन-841301

H/o-Smt. Gayatri Devi, A1, Prabhunath Nagar, PO-Tari, PS-Mufsil, District-Saran (Chhapra), Bihar, Pin - 841301

Ph: 06152-248058 & 248052

Email: [nhaichhapra@gmail.com](mailto:nhaichhapra@gmail.com)

Ref: NHAI/PIU/Chhapra/NH-85/BPCL/Permission/2024/ 698.

Date: 09.09.2024

### Invitation of Public Comments

Sub: Permission/NOC for laying 12" Carbon Steel Gas Pipeline with OFC along NH-531, LHS from Siwan Bypass to Gopalganj Bypass for a length of 28100 M and installation of U/G sectionalizing valve (3Mx3M).

2. The Territory Manager, M/s Bharat Petroleum Corporation Limited, Patna has submitted the aforesaid proposal seeking permission for laying 12" Carbon Steel Gas Pipeline with OFC along NH-531, LHS from Siwan Bypass to Gopalganj Bypass for a length of 28100 M and installation of U/G sectionalizing valve (3Mx3M).

3. As per the guidelines issued by the Ministry vide OM. No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

4. In view of the above, comments of the public on the above application are invited to the below mentioned address, which should reach within 30 days by this office from the date of publication beyond which no comments shall be entertained.

Project Director  
National Highways Authority of India,  
Project Implementation unit-Chhapra,  
H/o-Smt. Gayatri Devi, Plot No.A1,  
Parbhunath Nagar, P.O-Tari,  
P.S-Muffasil, District-Saran -841301  
Email:[nhaichhapra@gmail.com](mailto:nhaichhapra@gmail.com)

Encl: As above.

  
(Raju Kumar)  
Project Director

Copy to:

- (i) Web Admin, NHAI, HQ - with a request for uploading on the NHAI website.
- (ii) The Senior Technical Director, NIC, Transport Bhawan, New Delhi - 110001 - with a request for uploading on the Ministry website.

पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार का उपक्रम)

बिहार-2 गैस प्रादेशिक कार्यालय, पटना



BHARAT PETROLEUM CORPORATION LTD.

(A Govt. of India Enterprise)

Bihar-2 Gas Territory Office, Patna

Ref: PL/CGD/Bihar 02/11.07/PIU/CHP/24-25/01

Date: 02.09.2024

To,  
The Project Director,  
National Highway Authority of India  
PIU, Chhapra  
Bihar 841301



**Sub: Permission/NOC for Laying 12" Carbon Steel Gas Pipeline with OFC along NH-531, LHS from Siwan Bypass to Gopalganj Bypass for a length of 28100 M and installation of U/G Sectionalizing Valve (3Mx3M)**

Dear Sir,

We are pleased to inform you that Bharat Petroleum Corporation Limited (BPCL) has been authorized by Petroleum and Natural Gas Regulatory Board (PNGRB, statutory body under Ministry of Petroleum & Natural Gas, Government of India) vide letter reference no. PNGRB/Auth/CGD(20)/2021/11.07/Schedule- D dated 04.05.2022 to lay, build and operate City Gas Distribution Network in Gopalganj, Siwan, West Champaran, East Champaran and Deoria District to cater residential, commercial, industrial consumers (PNG) and automobile consumers (CNG). Copy of PNGRB authorization letter is attached as **Annexure – 1** for your ready reference.

As a part and vision of Government of India to provide natural gas for domestic and commercial utilization and build natural gas infrastructure, we propose to lay steel pipeline with ofc from Tap off Point of Urja Ganga Gas Pipeline Project Gail SV-08 near Khanipur Village, Gorakhpur to Sadar Hospital Deoria and further to Siwan, Gopalganj, East & West Champaran districts of Bihar.

As a part of the expansion plan, we will be laying CS Natural Gas pipeline with OFC duct along NH-531, LHS from Siwan Bypass to Gopalganj Bypass for a length of 28100 M and installation of U/G Sectionalizing Valve (3Mx3M).

**Details of pipeline stretch are as follows:**

Sr. No.	Along NH	Proposed Chainage	Pipe Dia(Inch)	Chainage Description	Location
1	NH 531	66 + 000 KM To 94+100 KM	12"	From Siwan Bypass to Gopalganj Bypass	Bihar

आशियाना चेम्बर, 3 तल, एकजीविशन रोड, पोस्ट बाक्स क्रं.-20, पटना-800001, टेल. फोन : (0612) 2501225, टेल. : 9415341998  
पंजीकृत कार्यालय - भारत भवन, 4 एवं 6 करीमभोय रोड, बलार्ड एस्टेट, पटना-800001, टेल. फोन : 688, 688, 688, 688, 688, 688, 688, 688, 688, 688

**VIVEK PRATAP SINGH VISEN**  
TERRITORY MANAGER GAS, BIHAR-2  
BHARAT PETROLEUM CORPORATION LIMITED, PATNA

om for  
signature  
to

Ashiyana Chamber, 3rd Floor, Exhibition Road, Post Box No. 20, Patna-800001, Tel. Phone : (0612) 2501225, Tel. : 9415341998

Registered Office : Bharat Bhawan 4 & 6 Currimbhoy Road Ballard Estate Post Box No. 688, Mumbai- 400 001

BPCL Smart Line : 1800-22-4344, E-mail : info@bharatpetroleum.in, Web : www.bharatpetroleum.in CIN : L23220 MH 1952 GO1008931

Details of proposed pipeline are following: -

1. The Carrier Pipe Shall be of 12" dia. Carbon Steel Natural Gas Pipeline.
2. The Pipeline Shall be laid by HDD Method/ Open cut method.
3. Necessary fee in this regard, if any, shall be remitted upon receipt of advice from your side.
4. During Execution of the work, all safety precautions will be ensured.
5. Worked area will be restored back to its original condition after execution.

A joint visit for finalization of Natural Gas pipeline Laying Permission may be carried out.

As the project is of national importance and is being executed in the interest of public, it is to be implemented in time bound manner. Hence you are requested to kindly accord necessary permission to Bharat Petroleum Corporation Ltd. for laying of proposed Natural Gas Pipeline along and across national highway stretch as described above on priority please.

We request you to kindly issue necessary permissions at the earliest.

Thanking you,

Yours sincerely,

  
(Vivek Pratap Singh Visen)

Territory Manager (Gas), Bihar-2

E-mail: vivekpratapsing@bharatpetroleum.in

Mobile: +919415341998

**Enclosures:**

Annexure- 1 PNGRB Authorization Letter

Annexure- 2 Checklist

Annexure- 3 Route Map

Annexure- 4 Power Of Attorney

Annexure-5 Undertaking

Annexure-6 Construction Methodology

Annexure-7 Alignment Sheet

Annexure-8 NHAI/Morth Agreement





पेट्रोलियम एवं प्राकृतिक गैस विनियामक बोर्ड  
Petroleum and Natural Gas Regulatory Board

प्रथम-तल, वर्ल्ड ट्रेड सेंटर, बाबर रोड, नयी दिल्ली 110001

1<sup>st</sup> Floor, World Trade Centre, Babar Road, New Delhi – 110001

फैक्सनं./Fax No. 91 11 23709151; E-mail: [contact@pngrb.gov.in](mailto:contact@pngrb.gov.in)

PNGRB/Auth/CGD(20)/2021/11.07

04<sup>th</sup> May, 2022

To

**Shri Nitin Yadav**  
**Chief Manager Strategy (Gas)**  
Bharat Petroleum Corporation Limited  
Bharat Bhavan, 4 and 6,  
Currimbhoy Road,  
Ballard Estate, Mumbai-40001  
Maharashtra

**Subject: Grant of Authorization to Bharat Petroleum Corporation Limited for development of City Gas Distribution Network in the Geographical Area of Gopalganj, Siwan, West Champaran, East Champaran and Deoria districts**

Sir,

With reference to submission of Performance Bank Guarantee for Rs. 50 crore vide your letter dated 07.04.2022, as per the requirement under Regulation 10 (1) of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008, please find enclosed authorization in Schedule D for the GA of **Gopalganj, Siwan, West Champaran, East Champaran and Deoria districts** in duplicate.

2. You are requested to put your stamp & signature on each page of the document and return one copy, within 7 days of receipt of this communication, to the PNGRB for records.
3. The enclosed authorization issues with the approval of the Board.

Yours faithfully

*Vandana Sharma.*

(Vandana Sharma) SHARMA

सचिव / Secretary  
पेट्रोलियम एवं प्राकृतिक गैस विनियामक बोर्ड  
Petroleum & Natural Gas Regulatory Board  
प्रथम तल, वर्ल्ड ट्रेड सेंटर,  
1<sup>st</sup> Floor, World Trade Centre,  
बाबर रोड, नयी दिल्ली-110001  
Babar Road, New Delhi-110001

Encl: As above

*Vivek Pratap Singh Visen*  
**VIVEK PRATAP SINGH VISEN**  
**TERRITORY MANAGER GAS, BIHAR-2**  
BHARAT PETROLEUM CORPORATION LIMITED, PATNA

**CHECK LIST FOR GETTING APPROVAL FOR LAYING OF  
UNDERGROUND GAS PIPELINE ON NH LAND**

**Guidelines to Project Director for Processing the Proposal for laying of Underground Gas Pipeline in the land along/across the National Highways vested with NH.**

**Relevant circulars**

- 1) Ministry Circular No. NH-41 (58)/68 dated 31.1.1969
- 2) Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976
- 3) Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982
- 4) Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993
- 5) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995
- 6) Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999
- 7) Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003
- 8) Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016

Sr. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	<b>M/s. Bharat Petroleum Corporation Limited.</b> Ashiana Chamber, 3rd Floor, Exhibition Road, Patna - 800001	
1.2	National Highway Number	NH 531	
1.3	State	Bihar	
1.4	Location	Chhapra, Bihar	
1.5	(Chainage in km)	<b>Steel Natural Gas Pipeline:</b> (i) Along NH 531 From 66 + 000 KM To 94+100 KM	
1.6	Length in Meters	28100	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing Chainage / km direction	13 to 43 M	
	(b) Right side from center line towards increasing Chainage / km direction	NA	
1.8	Proposal to lay underground Gas pipe line.		
	(a) Left side from center line towards increasing chainage / km direction	Along NH 531 From 66 + 000 KM To 94+100 KM	
	(b) Right side from center line towards increasing chainage/ km direction		
1.9	Proposal to acquire land	No	

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	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	NA	
	If not then where to lay the Pipe	NA	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of lanes (2/4 / 6/8 lanes) existing	2 Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders 4/6/8 lanes)	NA	
1.14	Service road existing or not	No	
	If yes then which side		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.15	Proposed Service road		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to lay Gas Pipeline is after the service road or between the service road and main carriageway	At the extreme edge of Utility Corridor	
1.17	Whether carrying of Gas pipeline has been proposed on highway Bridges. If Yes, then mention the methodology proposed for the same.	No	
1.18	Whether carrying of gas pipeline has been proposed on the parapet/any part of the bridges. If Yes, then mention the methodology proposed for the same.	No	
1.19	<b>If crossings of the road involved</b> If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	No	

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BHARAT PETROLEUM CORPORATION LIMITED, PATNA



(a) Whether the existing drainage structures are allowed to carry the pipeline.	NA	
(b) Is it on a line normal to NH	NA	
(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures.	Noted	
(d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	Noted	
(e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Noted	
(f) The casing / conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	Noted	
(g) The top of the casing / conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.	Noted	
(h) Mention the methodology proposed for crossing of road for the proposed Sewage/ gas pipe line, Crossing shall be by boring method (HDD) [Trench-less Technology], specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.	Noted	
(i) The casing / conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of	Noted	

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BHEL PETROLEUM CORPORATION LIMITED, PATNA

	a waterway along it.		
2	Document / Drawings enclosed with the proposal	Yes	
2.1	<p>Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep X 0.3m wide)</p> <p>(i) Should not be greater than 60 cm wider than the outer diameter of the pipe</p> <p>(ii) located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the center-lines of the nearest carriageway</p> <p>(iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges</p> <p>(iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.</p>	NA	
2.2	Cross section showing the size of pit and location of gas pipeline for HDD / Boring method	Yes	
2.3	Strip plan / Route Plan showing Gas pipeline, Chainage, width of ROW, distance of proposed, pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Enclosed	
2.4	Methodology for laying of showing Gas pipe line.	Enclosed	

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2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench	Noted, Methodology is enclosed.	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Noted	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	Noted	
	(c) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Yes	
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	Noted	
	(e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	Noted	

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	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Noted	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	
2.4.3	Methodology for laying of Gas Pipe Line through CD works and method of laying. In cases where the carrying of gas pipe line on the bridge becomes inescapable.	NA	
3	Draft License Agreement signed by two witnesses	Yes, MOU b/w NHAI & BPCL is attached.	
4	Performance Bank Guarantee in favour of NHAI/NH PWD has to be obtained @ Rs100/- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NH to the licensee for clearing debris/loose earth.		
4.1	Performance BG as per above is to be obtained.	This shall be submitted after the receipt/payment of Demand Note.	
4.2	Confirmation of BG has been obtained as per NHAI/NH PWD guidelines	BG shall be submitted after the receipt/payment of Demand Note.	
5	<b>Affidavit / Undertaking from the Applicant for</b>		

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5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI/NH PWD or to the concerned agency	Yes	
5.2	Renewal of Bank Guarantees and when asked by Morth/NHAI	Yes	
5.3	Confirming all standard condition of Ministry Circulars and NHAI's guideline.	Yes	
5.4	Shifting of Gas pipe line as and when required by NH at their own cost	Yes	
5.5	Shifting due to 6 lanning / widening of NH	Yes	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes	
5.7	Traffic movement during laying of Gas pipe line to be managed by the applicant	Yes	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Yes	
5.9	Prior approval of the NH shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing Gas Pipeline located in the National highway right-of-ways.	Yes	
5.10	Expenditure, if any, incurred by NH for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Gas Pipe line will be borne by the agency owning the line.	Yes	

  
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 6-1017 PETROLEUM CORPORATION LIMITED, PATNA



5.11	If the NH considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NH at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days)	Yes	
5.12	Certificate from the applicant in the following format (i) <i>Laying of Gas Pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</i> (ii) for 6 –lanning <i>"We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NH" for future six- lanning or any other development."</i>	Yes	
6.	Who will sign the agreement on behalf of Gas pipeline agency	Vivek Pratap Singh Visen, TERRITORY MANAGER (GAS), BIHAR 2 Ashiana Chamber, 3rd Floor, Exhibition Road, Patna - 800001	
7	<b>The Executive Engineer will submit the following.</b>		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. Ministry Circular No. NH-41 (58)/68 dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI	NA	

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GAS CORPORATION LIMITED, PATNA

	dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003 and Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016.		
7.2	<p>Certificate from EE in the following format</p> <p>(i) "It is certified that any other location of the Gas pipeline would be extremely difficult and unreasonable costly and the installation of Gas pipeline within ROW will not adversely affect the design, stability &amp; traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc".</p> <p>(ii) for 6-lanning</p> <p>(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibility report considering proposed structures at the said location".</p> <p>(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-lanning".</p>	NA	
8	<p>If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement. <i>"The permitted Highway on which Licensee has been granted the right to lay the pipelines has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of .....</i></p> <p><b>Section, from</b>  <i>..... on</i></p>	NA	

	<b>Build, Operate and Transfer Basis]</b> and therefore, the licensee shall honour the same."		
9	Who will supervise the work of laying of Gas pipeline		
	(a) On behalf of the Applicant	TERRITORY MANAGER (GAS), Gopalganj, Siwan, E&W Champaran of Bihar and Deoria of UP	
	(b) On behalf of NHAI/NH PWD		
10	Who will ensure that the defects in road portion after laying of Gas pipeline are corrected and if not corrected then what action will be taken.	Noted	
	(b) On behalf of NHAI/NH PWD		
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire?	M/s. Bharat Petroleum Corporation Limited.	
12	A certificate from EE that he will enter the proposed permission in the register of records of the permissions in the prescribed Performa (copy enclosed).	NO	
13	If any previous approval is accorded for laying of underground Gas Pipeline then photocopy of register of records of permissions accorded as maintained by EE then copy be enclosed	NO	

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BHARAT PETROLEUM CORPORATION LIMITED, PATNA