

**Government of India**

**Ministry of Road Transport & Highways**

**(Chief Engineer - Regional Office, Lucknow)**

**N.H. Bhawan, Biotech Chowk, Lucknow Ring Road, Vikas Nagar, Lucknow - 226 022**

**Ph.: (0522) - 2967112, 2738226 (Tele-Fax)**

**Dated: 11.03.2025**

**Invitation of public comments**

**Sub.: Providing NOC for laying of underground 16" (400mm Dia) Carbon steel Gas Pipeline with OFC 40mm Dia by trenchless method at Km. 146.500 (Sadar Hospital) to Km. 175.000 (Salempur) total (28.500 Km) of NH-727A in the state of Uttar Pradesh - Reg.**

Bharat Petroleum Corporation Limited has submitted the proposal for laying of underground 16" (400mm Dia) Carbon steel Gas Pipeline with OFC 40mm Dia by trenchless method at Km. 146.500 (Sadar Hospital) to Km. 175.000 (Salempur) total (28.500 Km) of the NH-727A in the state of Uttar Pradesh to Executive Engineer, NH Division, PWD, Gorakhpur for consideration.

2. The above proposal has been examined in this office in light of Ministry guidelines issued vide OM no. RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016 & NH-36094/01/2022-S&R (P&B) dated 24.04.2023. 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).

3. In view of the above, comments of the public on the above application (checklist enclosed) is invited to the below mentioned address:

The Chief Engineer - Regional Officer,  
Ministry of Road Transport & Highways,  
N.H. Bhawan, Biotech Chowk, Lucknow Ring Road,  
Vikas Nagar, Lucknow - 226 022.

Encl.: As above.

Yours faithfully,



(Ritesh Yadav)

Assistant Executive Engineer  
for Chief Engineer - Regional Officer

**Copy to:**

- (i) NIC, New Delhi - for uploading on the Ministry's website.
- (ii) The Chief Engineer (NH), Public Works Department, Nirman Bhavan, 96, M. G. Marg, Lucknow - 226 001.

(Ritesh Yadav)  
Assistant Executive Engineer  
for Chief Engineer - Regional Officer

**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.**

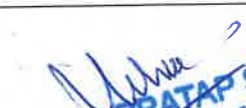
**Relevant circulars**

- 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- 727A	
1.3	State	Uttar Pradesh	
1.4	Location	Gorakhpur, Uttar Pradesh	
1.5	(Chainage in km)	<b>Steel Natural Gas Pipeline:</b> (i) Along From CH. 146.500 KM to CH. 175.000 KM and Across at CH 147.600 KM	
1.6	Length in Meters	28500	
1.7	Width of available ROW	30 M	
	(a) Left side from center line towards increasing Chainage / km direction	15 M	
	(b) Right side from center line towards increasing Chainage / km direction	15 M	
1.8	Proposal to lay underground Gas pipe line.		

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

	(a) Left side from center line towards increasing chainage / km direction	(i) Along From CH. 146.500 KM to CH. 175.000 KM and Across at CH 147.600 KM	
	(b) Right side from center line towards increasing chainage/ km direction		
1.9	Proposal to acquire land	No	
	(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	4 Lanes <i>for JET (T)</i>	
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	

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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	Yes	
	(a) Whether the existing drainage structures are allowed to carry the pipeline.	No	
	(b) Is it on a line normal to NH	Yes	
	(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	

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	(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 a waterway along it.	Noted	
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</p>	NA	

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	these be laid over the existing culverts and bridges  (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.		
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	
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	

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(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	
(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	

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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>		
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	

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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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BHARAT 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 -laning "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."	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	The Executive Engineer will submit the following.		
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	NA	

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	<p>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 dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/ S&amp;R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&amp;R (B) dated 17.9.2003 and Ministry Circular No. RW/NH-33044/29/2015-S&amp;R (R) dated 22.11.2016.</p>	
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

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8	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 ..... Section, from ..... on Build, Operate and Transfer Basis]</i> and therefore, the licensee shall honour the same."	NA	
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.		
	(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	

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

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