



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

क्षेत्रीय कार्यालय-पश्चिम उ०प्र०, लखनऊ

Regional Office - West UP, Lucknow.

3/248, विशाल खण्ड, गोमती नगर, लखनऊ-226010 (उ.प्र.)

3/248, Vishal Khand, Gomti Nagar, Lucknow-226010 (UP)

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19001/1/RO-W-UP/NH-26/UG/Ch.462.860/NOC/742

Date: 03.06.2021

### Invitation of Public Comments

**Sub: Crossing permission/NOC for laying 18", 16" & 8" dia LPG Pipeline along with OFC for upcoming Kandla - Gorakhpur Pipeline Project across NH-19 (old NH-2) at Ch.462.860, near Panki, Tehsil-Kanpur Sadar, District-Kanpur Nagar in the State of Uttar Pradesh.**

The Authorized Signatory M/s IHB Pvt. Ltd. has submitted the proposal for granting crossing permission/NOC for laying 18", 16" & 8" dia LPG Pipeline along with OFC for upcoming Kandla - Gorakhpur Pipeline Project across NH-19 (old NH-2) at Ch.462.860, near Panki, Tehsil-Kanpur Sadar, District-Kanpur Nagar in the State of Uttar Pradesh.

2. 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).

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

**The General Manager cum Regional Officer,  
National Highways Authority of India  
Regional Office, UP-West, Lucknow  
3/248, Vishal Khand, Gomti Nagar  
Lucknow-226 010**

This is issues with the approval of RO-West (UP).

Encl: As above.

**(Roopak Jain)**

Dy. Manager (T)

For RO-West, UP

### **Copy to:**

1. Web Admin, NHAI-HQ- with request for uploading on the NHAI website.
2. The Technical Director, NIC, Transport Bhawan, New Delhi- with request for uploading on the Ministry's website.
3. The Authorized Signatory, M/s IHB Pvt. Ltd., Kanpur - 208020 for information.
4. The PD, PIU-Kanpur for information.

*"Building a nation, not just Roads."*

मुख्यालय : प्लॉट सं० जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075, दूरभाष : 91-11-25074100 / 200

Head Office : Plot No. G-5 & 6, Sector - 10, Dwarka, New Delhi - 110 075 Phone : 91-11-25074100/200



## Check list for Crossing Permissions across Etawah -Kanpur Highway NH-02 by IHB Private Limited

S. No.	Item	Information / Status	Remarks
1	General Information	Laying of 18", 16" and 8 Inch Dia LPG Pipeline for Kandla Gorakhpur Pipeline Project, Bhopal – Unnao Section.	
1.1	Name and Address of the Applicant / Agency	Deputy General Manager For IHB Private Limited, Barauni Kanpur Pipeline, Indian Oil Corporation Limited, Kalpi Road, Panki, Kanpur-208020.	
1.2	National Highway Number	NH-02	
1.3	State	Uttar Pradesh	
1.4	Location	National Highway No. 02, Etawah-Kanpur Highway NH chainage 462+860 Kms; crossing at Village- Panki Tehsil- Kanpur Sadar, District- Kanpur Nagar in the State of Uttar Pradesh.	
1.5	Chainage in km	Across NH-2 at 462+860 Km	
1.6	Length in Meters	Across NH-2, 60m	
1.7	Width of available ROW	Left - 30.0 meter Center of NH Right - 30.0 meter Center of NH	
1.8	Proposal to lay underground Natural CS LPG pipeline	Across NH-2 at 462+860 Km	
	(a) Left from center line towards increasing chainage / km direction	30m	
	(b) Right side from center line towards increasing chainage / km direction	30m	
1.9	Proposal to acquire land	NA	
	(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	Acquisition of land is not required.	
	If not then where to lay the Pipeline	Across NH-2 at 462+860 Km	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	No. of Lanes (2/4/6/8 lanes) existing	6 lane	
1.13	Proposed Number of lanes (2 lanes with paved shoulder 4/6/8 lanes)	6 lane	
1.14	Service road existing or not	Yes	
	If yes then which side		
	(a) Left side from center line	Yes	
	(b) Right side from center line	Yes	

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Project Director

**SHESH NARAYAN**  
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S. No.	Item	Information / Status	Remarks
1.15	Proposed service road		
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay LPG pipeline is after the service road or between the service road and main carriageway	After the service road and across the National Highway	
1.17	The Permission for laying of LPG pipeline shall be considered for approval / rejection based on the Ministry Circulars mentioned as above		
	(a) Carrying of LPG pipeline on Highway bridges shall not be permitted as LPG pipes can accelerate the process of corrosion or may cause explosions, thus being much more injurious than leakage of LPG product	NA	
	(b) Carrying of LPG pipelines on bridges shall also discouraged however if the LPG supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized they may be permitted to carry the pipeline on independent super structure supported on extended portion of piers and abutments in such a manner that in the final arrangement enough free space around the super structure of the bridge remains available for inspection and repairs etc.	NA	
	(c) Cost of required extension of the substructure as well as that of the supporting super structure shall be borne by the agency-in-charge of the utilities.	NA	
	(d) Services are not being allowed indiscriminately on the parapet / any part of the bridges, safety of the bridges has to be kept in view while permitting various services along bridge. Approvals to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only	NA	
1.18	If crossing of the road involved	Yes	
	If yes, it shall be either encased in pipes or through structure or conduits	Yes	



S. No.	Item	Information / Status	Remarks
	pecially build for that purpose at the expensed of the agency owning the line		
	(a) Existing drainage structures shall not be allowed to carry the lines	Yes	
	(b) Is it on a line normal to NH	Yes	
	(c) Crossing 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	Yes. The distance from the existing structure more than 15m.	
	(d) The casing pipe (or conduit pipe in the case of electric / OFC cable) carrying the utility line shall be of steel, case iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable	Yes	
	(e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path	Yes	
	(f) The casing / conduit pipe should, as minimum extend from drain to drain in cuts and toe to slope toe of slope in the fills	Yes	
	(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.	Yes	
	(h) Crossing shall be by boring method (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type	Yes	
	(i) The casing / conduit pipe shall be installed with an even bewaring throughout its length and in such a manner as to prevent the formation of a waterway along it.	Yes	
2	Document / Drawings enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2m deep X 0.3 wide)	N.A.	
	(i) Should be greater than 60 cm wider than outer diameter of the pipe	N.A.	
	(ii) Located as close to the extreme edge of the right-of-way as possible but	Yes	

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S. No.	Item	Information / Status	Remarks
	not less than 15 meter from the centre-lines of the nearest carriageway		
	(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	N.A.	
	(iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not obstruct drainage of the road land	N.A.	
2.2	Cross section showing the size of pit and location of pipe for HDD method	Attached	
2.3	Strip plan / Route Plan showing LPG pipe line, Chainage, width of ROW, distance of proposed pipeline from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Incorporated in the drawing	
2.4	Methodology for laying of showing LPG pipe line	Horizontal Directional Drilling Method	
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	N.A.	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe	N.A.	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consists of granular material free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value	N.A.	
	Unusable soil and rock edged should be excavated and replaced by selected material	N.A.	
	(c) The backfill shall be completed in two stage (i) side fill to the level of the top to the pipes and (ii) overfill to eh bottom of the road crust	N.A.	
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled tampering and controlled addition of moisture to 95%	N.A.	

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S. No.	Item	Information / Status	Remarks
	of the Proctor's Density Over fill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or pending will not be permitted		
	(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.	N.A.	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours	N.A.	
	(g) If required, a diversion shall be constructed the expensed of agency owning the utility line	N.A.	
2.4.2	Horizontal Directional drilling (HDD) Method	Yes	
2.4.3	Laying of LPG Supply Pipe Line through CD works and method of laying		
	(a) On approaches, the water mains / cables shall be carried along a line as close to the edge of the right-of-way as possible upto a distance of 30m from the bridge and subject to all other stipulation contained in this Ministry's guidelines issued with letter No. NH-HI/P66/76 dated 19.11.1976	The pipeline shall be laid across the NH-2 by HDD Method.	
3	Draft License Agreement signed by two witness	Yes	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs. 100/0- per running meter (parallel to NH) and Rs. 100000/- 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 NHAI to the licensee for clearing debris / loose earth.		

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Project Director

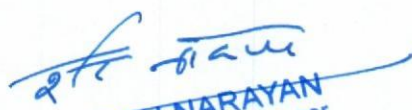
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S. No.	Item	Information / Status	Remarks
4.1	Performance BG as per above is to be obtained		
4.2	Confirmation of BG has been obtained as per NHAI Guidelines		
5	Affidavit / undertaking from the application		
5.1	Not to Damage to other utility, if damaged then pay the losses either to NHAI or to the Concerned agency	Yes	
5.2	Renewal of Bank Guarantee		
5.3	Confirming all standard condition of NHAI's guideline	Yes	
5.4	Shifting of LPG supply pipe line as and when required by NHAI 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 LPG supply 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 NHAI shall be obtained before undertaking any work if installation, shifting or repairs, or alteration to the showing LPG supply pipe line located in the National Highway right-of-way	Yes	
5.10	Expenditure, if any incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the LPG supply pipe line will be borne by the agency owning the line	Yes	
5.11	If the NHAI considers if necessary in future to move the utility line for any work of improvement or repairs to eh road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given	Yes	
5.12	Certificate from the application in the		

S. No.	Item	Information / Status	Remarks
	following format		
	(i) Laying of LPG supply pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic	Yes	
	(ii) For 6-lanning "We do undertake that I will relocate service road / approach road / utilities at my own cost notwithstanding the permission granted with such time as will be stipulated by NHA" for future six-lanning or any other development	Yes	
6	Who will sign the agreement on behalf of LPG supply pipe line agency?	Deputy General Manager For IHB Private Limited, Barauni Kanpur Pipeline, Indian Oil Corporation Limited, Kalpi Road, Panki, Kanpur-208020.	
7	Certificate from the Project Director		
7.1	Certificate from confirming of all standard condition issued vide ministry circular No. Ministry Circular No. NH-41 (58)/68 dated 31.01.1969, Ministry circular No. RW/NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-1103/1/86-DOI (ii) Dated 28.07.1993. Ministry circular No. RW/NH-34066/2/9/S&R dated 25.10.1999 and Ministry Circular No. RW/NH-330231/19-99 dated 17.10.2003	Attached	

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