



सत्यमेव जयते

# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport and Highways, Government 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)

दूरभाष / Phone : 0522-4960291, टेलीफैक्स / Fax : 0522-4950680

ई-मेल / E-mail : rowestup@nhai.org, rowestup@gmail.com



19001/1/RO-W-UP/NH-19/UG/IHB/NOC/ 1594

Date: 12.09.2022

### Invitation of Public Comments

**Sub:** Regarding shifting of proposed crossing location of National Highway - 19 chainage from km.188.030 to km.485.034 for laying 16" inch dia. LPG Pipeline along with OFC for Kandla-Gorakhpur LPG pipeline project across NH-19 in Village-Rooma, 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 change in proposed crossing location of National Highway - 19 chainage from km.188.030 to km.485.034 for laying 16" inch dia. LPG Pipeline along with OFC for Kandla-Gorakhpur LPG pipeline project across NH-19 in Village-Rooma, 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 Chief 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 issued with the approval of RO-West (UP).

Encl: As above.

*S.K.S.*

(S.K. Sharma)

General 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., Sabarmati Terminal Near 'D' Cabin, Sabarmati Ahmadabad - 380019 for information.
4. The PD, PIU-Kanpur for information.

## Check list for Crossing Permissions across Kanpur - Allahabad Highway NH-19 by IHB Limited

Sr. No.	Item	Information/ Status
1	<u>General Information</u>	Laying of 16" Dia LPG Pipeline for Kandla Gorakhpur Pipeline Project, Bhopal – Unnao Section.
1.1	Name & Address of the Applicant / Agency	Senior Manager (Projects) For IHB Limited, Indian Oil Building, Sector- F, Kapoorthala, Aliganj, Lucknow - 226024
1.2	National Highway Number	NH-19
1.3	State	Uttar Pradesh
1.4	Location	National Highway No. 19, Kanpur – Allahabad Highway, NH chainage 485+034 Km; crossing at Village- Kanpur Nagar, Tehsil- Kanpur Sadar, District- Kanpur Nagar in the State of Uttar Pradesh.
1.5	Chainage in KM	Across NH-19 at 485+034 Km
1.6	Length in metres	Across NH-19 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 LPG Pipeline	Across NH-19 at 485+034 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	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-19 at 485+034 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	4 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

MANAGER (Tech)  
NHAI, PIU, KANPUR(U.P.)

अरविन्द कुमार वर्मा/Arvind Kumar Verma  
ज्येष्ठ प्रियंका (प्रियंका), Senior Manager (Projects)  
भारतीय तेल लिमिटेड/IHB Limited  
केंद्रीय निर्माण कार्यालय/Central Construction Office  
इण्डियन ऑयल भवन, सेक्टर-एफ  
Indian Oil Building, Sector-F  
कापोरथला, अलीगंज, लखनऊ-(उ.प्र.) 226024  
Kapoorthala, Aliganj, Lucknow-(U.P.) 226024

U.C. Dixit  
Survey Engineer  
SAICPL

N. K. Sharma  
Team Leader  
SAICPL

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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 in 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 spade 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 specially build for that purpose at the expensed of the agency owning the line	By HDD Method
	(a) Existing drainage structure shall not be allowed to carry the lines	NA
	(b) Is it on a line normal to NH	Yes

MANAGER (Tech)  
NHAI, PIU, KANPUR (U.P.)

अरविंद कुमार वर्मा / Arvind Kumar Verma  
वरिष्ठ प्रबंधक (प्रियोजना)/Senior Manager (Projects)  
भारतीय इन्फ्रास्ट्रक्चर लिमिटेड / IHB Limited  
उत्थान औद्योगिक भवन, सेक्टर-एफ  
Indian Oil Building, Sector-F  
बुधरथला, अलीगंज, लखनऊ-226024  
Bapoorthala, Aliganj, Lucknow-(U.P.) 226024

U.C. Dixit  
Survey Engineer  
SAICPL  
Cha-Allad Six Lane Project NH-2

N. K. Sharma  
Team Leader  
SAICPL  
Cha-Allad Six Lane Project NH-2

Project Director  
National Highways Authority of India  
P.I.U., Kanpur

	(c) Crossing shall not be too near the existing structure 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 15 m.
	(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	NA (HDD Method)
	(e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path	NA
	(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	NA
	(g) The top of 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.	NA
	(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.	NA
2	<u>Documents / Drawings enclosed with Proposal</u>	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 not less than 15 meter from the centre lines of the nearest carriageway	Yes
	(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 culvers 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.

MANAGER (Tech)  
NHAI, PIU, KANPUR (U.P.)

अविनाश कुमार वर्मा / Avinash Kumar Verma  
ज्येष्ठ प्रोजेक्ट मैनेजर / Senior Manager (Projects)  
आईएचबी लिमिटेड / IHB Limited  
सिटी कंस्ट्रक्शन / Central Construction Office  
इंडियन ऑयल भवन, रोड नं. १५  
Indian Oil Building, Sector-F  
कापूरथला, अलीगंज, लखनऊ-२२६०२४  
Kapoorthala, Aliganj, Lucknow-(U.P.) 226024

U.C. Dixit  
Survey Engineer  
SAICPL  
Cha-Allad Six Lane Project NH-2

N. K. Sharma  
Team Leader  
SAICPL

Project Director  
National Highways Authority of India  
P.I.U., Kanpur

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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 pipeline, Chainage, width of ROW, distance of proposed pipeline from the edge of ROW, important mile stone, intersections, cross drainage work 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 30cm. It shall consists of granular material free of lumps, clods and cobbles and graded to yeld 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 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 tamping controlled addition of moisture to 95% 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.	N.A.
	(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

MANAGER (Tech)  
NHAI, PIU, KANPUR (U.P.)

अरविंद कुमार वर्मा / Arvind Kumar Verma  
प्रिय प्रबंधक (प्रोजेक्ट्स) / Senior Manager (Projects)  
आईएचबी लिमिटेड / IHB Limited  
केंद्रीय निर्माण कार्यालय / Central Construction Office  
इंडियन ऑयल भवन, सेक्टर-एफ  
Indian Oil Building, Sector-F  
कपूरथला, अलीगंज, लखनऊ-226024  
Kapoorthala, Aliganj, Lucknow-(U.P.) 226024

U.C. Dixit  
Survey Engineer  
SAICPL

N. K. Sharma  
Team Leader  
SAICPL  
Cha-Allad Six Lane Project  
Page 4 | 6  
Project Director  
National Highways Authority  
P.I.U., Kanpur

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 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.	
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 a LPG supply pipe line to be managed by the applicant	Yes

MANAGER (Tech)  
NHAI, PIU, KANPUR (U.P.)

अरविन्द कुमार वर्मा / Arvind Kumar Verma  
वरिष्ठ प्रबंधक (परियोजना) / Senior Manager (Projects)  
भारतीय तेल लिमिटेड / IHL Limited  
भारतीय तेल लिमिटेड / Central Construction Office  
इंडियन ऑइल भवन, सेक्टर-एफ  
Indian Oil Building, Sector-F  
कपूरथला, अलीगंज, लखनऊ-226024  
Kapurthala, Aliganj, Lucknow-(U.P.) 226024

U.C. Dixit  
Survey Engineer  
SAICPL

N. K. Sharma  
Team Leader  
SAICPL

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Project Director  
National Highways Authority  
P.I.U., Kanpur

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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 the 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 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 b-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 NHAI" for future six-lanning or any other development	Yes
6	Who will sign the agreement on behalf of LPG supply pipe line agency?	Senior Manager (Project) For IHB Limited, Indian Oil Building, Sector- F, Kapoorthala, Aliganj, Lucknow - 226024
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 17.10.2003	Attached

MANAGER (Tech)  
NHAI, PIU, KANPUR (U.P.)

अरवि कुमार वर्मा / Arvind Kumar Verma  
सिनिअर प्रोजेक्ट मैनेजर (प्रोजेक्ट्स) / Senior Manager (Projects)  
आईएचबी लिमिटेड / IHB Limited  
केंद्राध्यक्ष निगम कार्यालय / Central Construction Office  
इंडियन ऑयल भवन, सेक्टर-एफ  
कपोरथला, अलीगंज, लखनऊ-226024  
Kapoorthala, Aliganj, Lucknow - (U.P.) 226024

U.C. Dixit  
Survey Engineer  
SAICPL

Cha-Allad Six Lane Project NH-2

N. K. Sharma  
Team Leader  
SAICPL

Cha-Allad Six Lane Project NH-2

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Project Director  
National Highways Authority  
P.I.U., Kanpur