



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## NATIONAL HIGHWAYS AUTHORITY OF INDIA

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

### क्षेत्रीय कार्यालय/ REGIONAL OFFICE

ई-6/47, स्मृति परिसर, साईबोर्ड के पास, अररा कॉलोनी, भोपाल (म.प्र.)-462016

E-6/47, Smriti Parisar, Near Sai Board, Arera Colony, Bhopal (M.P.)-462016

दूरभाष / Phone : 0755-2426638, फैक्स/Fax : 0755-2426698, ई-मेल/E-mail ID - robhopal@nhai.org



NHAI/RO-MP/IND/I-D/Gas Pipeline/2024/E-251204/51176

Date: 19.06.2024

### Invitation of Public Comments

**Sub:** Six Lanning of Indore-Dewas Section of NH-3 from Km 577.550 to Km 610.000 and Km 0.000 to Km 12.600 (Approx. length 45.05 Km) in the State of Madhya Pradesh under NHDP-V Executed as BOT (Toll) project on DBFOT pattern – **Application for road crossing permission at NH-52 Indore Bypass road for laying Natural Gas Pipeline at Ch. 600+580, near Labh Ganga MR-10 to Phoenix Citadel Mall Indore - Reg.**

**Ref:** PD, PIU-Indore e-office file (Computer No. 251204).

The Project Director, PIU-Indore vide e-office file (Computer No. 251204) has recommended the proposal for road crossing permission at NH-52 Indore Bypass road for laying Natural Gas Pipeline at Ch. 600+580, near Labh Ganga MR-10 to Phoenix Citadel Mall Indore.

2. As per Ministry vide OM No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016; the Highways Administrator will make available the proposal seeking permission for utility laying for public comments for 30 days on ground of public interest.

3. In view of the above the comments of public are invited on captioned proposal and the same should reach to below mentioned address till 18.07.2024 beyond which no comments will be considered.

The Highway Administrator  
O/o Regional Officer,  
National Highways Authority of India  
E-6/47, Smriti Parisar,  
Near Sai Board, Arera Colony,  
Bhopal (MP)-462016  
E-mail ID:robhopal@nhai.org

This issues with the approval of Regional Officer cum Highway Administration.

(Paras Bansal)  
Manager (T)

Copy to:

- Web Admin, NHAI-HQ-with request for uploading on the NHAI website.
- The Senior Technical Director, NIC, Transport Bhawan, New Delhi-110001 for uploading on Ministry's Website.
- The Project Director, NHAI, PIU-Indore (M.P.) for information.
- The Authorized Signatory, M/s Aavantika Gas Limited, 202-B, II Floor, NRK Business Park, Vijay Nagar Square, A.B. Road, Indore (M.P.)-452010.



CHECK - LIST

Guideline for Project Director for processing the proposal for laying of <sup>Gas</sup> ~~water~~ Supply Pipe Line in the land across National Highway vested with NHAI

Ministry Circular No. RW/NH-33044/29/2015/S&R(R) Dated: 22nd November, 2016.

Checklist for getting approval for laying of Gas Pipeline Crossing on NH Land

Sr. no.	Item	Information/ Remarks/ Status
1	General Information	Permission for Laying 4 inch dia gas pipe line across National Highway -52 (Laying Km 600+580)
1.1	Name and Address of the Applicant / Agency	M/s Aavantika Gas Ltd 202-B, 2nd Floor, NRK Business Park, Vijay Nagar Square Agra, AB Rd, Indore, Madhya Pradesh 452010
1.2	National Highway Number	NH-52
A.3	State	Madhya Pradesh
1.4	Location	Indore Bypass (Near Labh Ganga)
1.5	(Chainage in Km)	Ch 600+580
1.6	Length in Meters	Laying Length 135 Mtr.
1.7	Width of available ROW	60m
	(a) Left side from center line towards increasing chainage / km direction	As per Drawing
	(b) Right side from center line towards increasing chainage/ km direction	As per Drawing
1.8	Proposal to lay underground Gas Supply Pipeline	Pipeline Laying
	(a) Left side from center line towards increasing chainage /km direction	
	(b) Right side from center line towards increasing chainage/ km direction	
1.9	Proposal to acquire Land	
	(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	Yes
	If not then where to lay the cable.	NA
1.11	Details of already laid services, if any, along the proposed route	NHAI Shall intimate
1.12	Number of lanes (2/4/ 6/8 lanes) existing	6 Lane
1.13	Proposed Number of lanes (2 lane with paved shoulders 6/8 lanes)	NA



Checklist for getting approval for laying of Gas Pipeline Crossing on NH Land		
Sr. no.	Item	Information / Remarks / Status
1.14	Service Road existing or no: If yes then which side	Yes, both sides
	(a) Left side from Center line	Yes
	(b) Right side from center line	Yes
1.15	Proposed Service Road	No Proposal
	(a) Left side from center line	NA
	(b) Right side from center line	NA
1.16	Whether proposal to lay Gas pipe line is after Service Road or between the Service Road and Main Carriageway	After Service Road
1.17	The permission for laying of Gas pipeline shall be considered for Approval / Rejection based on the Ministry Circulars Mentioned as above	Yes
	(a) Carrying on swage/ gas pipeline on highway bridges shall not be permitted as fume / gases pipes can accelerate the process of corrosion or may cause explosions thus, being much more injurious than leakage of water.	NA
	(b) Carrying of Gas pipelines on bridges shall be discouraged. However, if the gas 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 superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement, enough free space around the superstructure 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 superstructure 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 are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only.	NA
1.18	If crossings of the road involved? 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) Existing drainage structures shall not be allowed to carry the lines.	No drainage structure involved in crossing of Gas supply pipeline.
	(b) Is it on a line normal to NH	Yes



Checklist for getting approval for laying of Gas Pipeline Crossing on NH Land		
Sr. no.	Item	Information/ Remarks/ Status
	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15meter. What is the distance from the existing structures?	More than 15m
	(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	MDPE and Carbon Steel Pipe without casing
	(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 pipe of slope in the fills.	NA
	(g)The top of the casing / conduit pipe should be at least 2 meters below the surface of the road subject to being at least 0.3 meter 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 types.	Yes
	(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.	NA
2	Document / Drawings enclosed with the proposal	Enclosed
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2 meter deep 0.3 meter wide)	NA
	(i) Should not be greater than 60 cm wider than the outer diameter of the pipe	NA
	(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.	NA
	(iii)Shall not be permitted to run along the National Highway when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.	NA
	(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.	NA
2.2	Methodology for laying of Gas supply pipeline	HDD Method



Checklist for getting approval for laying of Gas Pipeline Crossing on NH Land		
Sr. no	Item	Information / Remarks / Status
2.2.1	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	NA
	(a) The trench width should be at least 30 cm but not more than 60 cm wider than the outer diameter of the pipe	NA
	(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 imille. Unsuitable soil and rock edged should be excavated and replaced by selected material	NA
	(c) The backfill shall be completed in two stage (i) side - fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	NA
	(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.	NA
	(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.	NA
	(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours	NA
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA
2.4.2	Horizontal Directional Drilling (HDD) Method	Methodology attached
2.4.3	Laying of Gas Supply pipe line thorough CD works and method of laying	NA
	(a) On approaches, the Water Pipeline 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 stipulations contained in this Ministry's Guidelines issued with letter No - Nil I-NH/66/76 dated - 19.11.1976	NA
3	Draft License Agreement signed by two witnesses	Yes



Checklist for getting approval for laying of Gas Pipeline Crossing on NH Land		
Sr. no.	Item	Information/ Remarks/ Status
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs250/- per running meter (Crossing to NH) and Rs 1,00,000/- 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 NHAI to the liu. It for clearing debris/loose earth	To be Submitted as and when intimated by NHAI
4.1	Performance BG as per above is to be obtained	To be Submitted as and when intimated by NHAI
4.2	Confirmation of BG has been obtained as per NHAI Guidelines Affidavit / Undertaking from the Applicant for	To be Submitted as and when intimated by NHAI
5	<b>Affidavit/Undertaking from the Applicant for</b>	To be Submitted as and when intimated by NHAI
5.1	Not to damage to other utility if damaged then to pay the losses either to NHAI or to the concerned Agency	Yes
5.2	Renewal of Bank Guarantee	NA
5.3	Confirming all standard condition of NHAI Guideline	Yes
5.4	Shifting of Water / Gas supply pipeline as and when required by NHAI at their own cost	Yes
5.5	Shifting due to 6 Tanning/widening of NH.	Yes
5.6	Indemnity against all damages and claims	Yes
5.7	Traffic movement during laying of Water / Gas supply pipeline 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 of installation shifting or repairs or alterations to the showing Water / Gas supply pipeline located in the National Highway right-of- ways.	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 Water/ Gas supply pipeline will be borne by the agency owning the line.	Yes
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repair 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	Yes



Checklist for getting approval for laying of Water Pipeline Crossing on NH Land		
Sr. no.	Item	Information/ Remarks / Status
5.12	Certificate from the applicant in the following format (i) Laying of Gas supply pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	Yes
	(ii) for 6/8 - laning "We do undertake that we will relocate Service Road / Approach Road utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future Six/Eight - laning or any other development."	Yes
6	Who will sign the agreement on behalf of Gas supply pipeline agency	Authorized Signatory, M/s Aavantika Gas Ltd
7	Power of Attorney to sign Agreement available or not, Certificate from the Project Director	To be Submitted as and when intimated by NHAI
7.1	Certificate for conforming of all standard condition issued vide Ministry Circular No- RW/NH-033044/17/2000-S & R dated 29.09.2000 and NHAI Guideline issued vide No. NHAI/OEC/2K/Vol II dated 07.11.2000 and Ministry's Circular no. RW/NH - 33044/27/2000-S & R dated 21.03.2006.	Yes
7.2	Certificate from PD in the following format	
	(i) It is certified that any other location of the Gas supply pipeline would be extremely difficult and unreasonably costly and the installation of Gas supply pipeline within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc.	Yes
	(ii) for 6 laning	Yes
	(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	Yes
	(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-lanning".	Yes

Manager (Tech)  
NHAI PIU-Indore (MP)

INDORE  
AM 96 (USA)

34

Project Director  
National Highway Authority of India  
Implementation Unit-Indore



Checklist for getting approval for laying of Gas Pipeline Crossing on NH Land		
	Item	Information / Remarks / Status
8	If NH section proposed to be taken up by NHAI on BOT basis - a Clause is to be inserted in the Agreement. The permitted Highway on which Licensee has been granted the right to lay pipe has also been granted as a right of way to the Concessionaire under the Concession Agreement for up-gradation of [ .....Section from km .....To km .....of NH no. 52 on Build, Operate and Transfer Basis] and therefore the Licensee shall honor the same."	
9	Who will supervise the work of laying of Gas supply pipeline.	M/s Aavantika Gas Ltd 202-B, 2nd Floor, NRK Business Park, Vijay Nagar Square Agra, AB Rd, Indore, Madhya Pradesh 452010
10	Who will ensure that the defects in road portion after laying of Water supply pipeline are corrected and if not corrected then what action will be taken	M/s Aavantika Gas Ltd 202-B, 2nd Floor, NRK Business Park, Vijay Nagar Square Agra, AB Rd, Indore, Madhya Pradesh 452010
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire	M/s Aavantika Gas Ltd 202-B, 2nd Floor, NRK Business Park, Vijay Nagar Square Agra, AB Rd, Indore, Madhya Pradesh 452010
12	A Certificate from Project Director that he will enter the proposed permission in the register of records of the permissions in the Ministry Circular No RW/NH-033044/17/2000/S&R dated 23.07.2003) and E No. RW/NH-33044/ 29/ 2015/ S&R (R) dated 22.11.2016 is enclosed or not.	Yes
13	If any previous approval is accordance for laying of underground Water supply pipeline then Photocopy of register of records of permissions accorded as obtained by PD then copy be enclosed.	No Such Permission is accorded

For Aavantika Gas Ltd

For  
INDORE  
ANNE (LAW)

*Amol*

Authorized Signatory

*[Signature]*  
Manager (Tech)  
NHAI, PIU- Indore (MP)

*[Signature]*  
Project Director  
National Highways Authority of India  
Project Implementation Unit- Indore (MP)