



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Government of India)

प.का.ई. अलीगढ़, ग्राम-भीकम्पुर, एन.एच-34 के कि०मी० 132.400 (आर०एच०एस०)
अलीगढ़ बाईपास, अलीगढ़-202001 (उ०प्र०)

PIU Aligarh, Village-Bhikampur, At KM 132.400 (RHS) on NH-34,
Aligarh Bypass, Aligarh - 202001 (U.P.)

ई-मेल/Email : aligarh@nhai.org | nhaipiubsr001@gmail.com



NHAI/PIU-ALG/44016/GAP/2024/D- 23595

29.01.2025

Invitation of Public Comments

Sub: Proposal for permission of laying 8" Dia Carbon Steel Gas Pipeline from Km. 108+000 (before CHC Muni) to Km. 116+000 (Near Tamkoli Songra Cut) (RHS) and Km. 116+000 to Km. 149+900 (Boner Cut) (LHS) including 09 nos. of road crossing on NH-34 (Ghaziabad – Aligarh Section) in the State of Uttar Pradesh.

Authorized Signatory, M/s Indian Oil-Adani Gas Pvt. Ltd., Aligarh submitted the proposal for permission of laying 8" Dia Carbon Steel Gas Pipeline from Km. 108+000 (before CHC Muni) to Km. 116+000 (Near Tamkoli Songra Cut) (RHS) and Km. 116+000 to Km. 149+900 (Boner Cut) (LHS) including 09 nos. of road crossing on NH-34 (Ghaziabad – Aligarh Section) in the State of Uttar Pradesh.

2. From the submitted proposal, it is seen that the underground laying length of 8" Dia Carbon Steel Gas Pipeline is proposed 42395m (including 09 nos. road crossing). 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 Project Director,
National Highways Authority of India**

Project Implementation Unit- Aligarh
Village- Bhikampur, At Km. 132.400 (RHS) on NH-34,
Aligarh Bypass, Aligarh -202001 (U.P.)

Encl: As above.


(Indresh Kumar)
Project Director

Copy to:

1. Technical Director, NIC, Transport Bhawan, New Delhi- with request for uploading on the Ministry's website. (Email: mansoor@nic.in)
2. Regional Officer (W-UP), NHAI-Lucknow for kind information.
3. Authorized Signatory, M/s IOAGPL, Aligarh. (Email: alok.giri@ioagpl.com)

CHECK – LIST

Check list for getting approval for laying of Gas pipeline along/across
NH-34

Government of India Guidelines GR No. RW/NH-33044/29/2015/S&R(R) Dtd. 22.11.2016

Sr.No.	Item	Information / Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant / Agency	Indian Oil Adani Gas Private Limited, 1 st Floor, Ashok Archade, opp. Mithraj Hospital, Ramghat Road, Aligarh Pincode- 202001 Uttar Pradesh	
1.2	National Highway Number	NH-34	
1.3	State	Uttar Pradesh	
1.4	Location	Along/Across NH-34 (Ghaziabad-Kanpur)	
1.5	(Chainage in Km)	<u>Steel Pipe:-</u> Along NH:-34(Ghaziabad-Kanpur) <ol style="list-style-type: none">1. RHS of NH Ch. Km- 108+000 (Before CHC Muni) to NH Ch. Km- 116+000 (Tamkoli sangra Cut)2. LHS of NH Ch. Km- 116+000 (Tamkoli sangra Cut) to NH Ch. Km- 149+900 (Boner Cut)3. Crossing at 116+000km near Tamkoli Songra Cut (Coordinates 28°03'13.0"N 77°58'09.5"E)4. Crossing at 123+200km Near BPCL RO (Coordinates 27°59'46.3"N 77°59'08.8"E)5. Crossing at 124+650km at Mansi Ganga Builders(Coordinates 27°59'01.3"N 77°59'29.2"E)6. Crossing at 126+000km at Pachpeda(Coordinates 27°58'23.3"N 77°59'52.8"E)7. Crossing at 136+200km at Aligarh Palwal Road (Coordinates 27°53'20.7"N 78°01'27.3"E)8. Crossing at 139+400km near Amarpur Road (Coordinates 27°51'47.1"N 78°02'24.3"E)9. Crossing at 142+100km near Mathura Road (Coordinates 27°51'09.1"N 78°03'47.0"E)10. Crossing at 143+950km at Agra Road (Coordinates 27°50'43.6"N 78°04'55.3"E)	



		11. Crossing at 147+400km at Aligarh Mathura Road (Coordinates 27°51'10.0"N 78°06'26.2"E)	
1.6	Length in Meters	NH-34(Ghaziabad-Kanpur) Total Length – Steel pipe 42440 mtr.	
1.7	Width of available ROW	Varying along the road	
	(a) Left side from center line towards increasing chainage / km direction	22.5/30	
	(b) Right side from center line towards increasing chainage / km direction	22.5/30	
1.8	Proposal to lay underground Gas pipeline	Yes	
	(a) Left side from center line towards increasing chainage / km direction	NH Ch. Km- 116+000 (At Tamkoli Songra Cut) to NH Ch. Km- 149+900 (Boner Cut)	
	(b) Right side from center line towards increasing chainage / km direction	NH Ch. Km- 108+000 (Before CHC Muni) to NH Ch. Km- 116+000 (Tamkoli sangra Cut)	
1.9	Proposal to acquire Land	N.A.	
	(a) Left side from center line	--	
	(b) Right side from center line	--	

Sr.No.	Item	Information / Status	Remarks
1.10	Whether proposal is in the same side where land is not to be acquired	N.A.	
	If not then where to lay the cable	Edge of ROW	
1.11	Details of already laid services, if any, along the proposed route	N.A.	
1.12	Number of lanes (2/4/6/8 lanes) existing	4/6 Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	-	
1.14	Service Road existing or not	Yes	



	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service Road	As shown in the drawing	
	(a) Left side from center line	As shown in the drawing	
	(b) Right side from center line	N.A.	
		-	
1.16	Whether proposal to lay Gas pipeline is after the service road or between the service road and main carriageway	-	
		As shown in the drawing	
1.17	The permission for laying of Gas pipeline shall be considered for approval / rejection based on the Ministry Circulars as per Govt. Of India, MORTH guidelines RW/NH-33044/29/2015/S&(R) on Dated - 22 nd Nov 2016 site amendments.	Yes , Agreed	
	(a) There should be Provision of Utility ducts for appropriate Category / Combination of utilities	1) No provision for duct on this route 2) Proposed pipeline will be laid as close to extreme edge of ROW as possible.	
	(b) Utility Service laid in the utility ducts if provided for the purpose	1) No provision of duct is available on this route 2) Proposed pipeline will be laid as close to extreme edge of ROW as possible	
	(c) In stretches where utility ducts have not been provided, the utility services shall be located, beyond the toe line of the embankment and drains, as close to the extreme edge of ROW as possible	Indian Oil Adani Gas Pvt Limited agrees to lay pipeline beyond the toe line of the embankment and drains as close to the extreme edge of the ROW as possible	



Sr.No.	Item	Information / Status	Remarks
	(d) It is to be ensured that no time there is interference with the drainage of the road land maintenance of the National Highways. Towards this, the Top of the Utility services shall be at least 1.65 meter below the ground level	Indian Oil Adani Gas Pvt Limited agrees that top of gas pipeline will be laid below at least 1.65 Meter below ground level	
	(e) No utility service shall be laid over existing culverts and bridges except through the utility ducts where such provisions, the Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed	Indian Oil Adani Gas Pvt Limited agrees that make its own arrangements for crossing or cross drainage structure, river etc. below the bed.	
	(f) In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct in such case shall not be less than one lane. In such cases, it also needs to be ensured.	N.A	
	The maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee as per the agreement	Yes.	
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 , Agreed	
	(a) Existing drainage structures shall not be allowed to carry the lines.	Yes , Agreed	




Sr. No.	Item	Information / Status	Remarks
	(b) The utility services shall cross the National Highway preferably on a line normal to it or as nearly show as practicable. Indian Oil Adani Gas Pvt Limited shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.	Yes , Agreed	
	(c) The casing pipe may be installed under the route embankment either by boring or digging a trench. Installation by boring method shall prefer.	HDD/Digging Trench as per site condition & Instruction from NH officials.	
	(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.	Yes , Agreed	
	(e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes , Agreed	
	(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.	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 meter 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	



Sr. No.	Item	Information / Status	Remarks
	(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 water way along it.	Yes	
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 X 0.3 meter wide	Yes, Agreed.	
	(i) Should not be greater than 60 cm wider than the outer diameter of the pipe	Yes	
	(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 culverts and bridges	Yes	
	(iv) These should be so laid that their top is at least 1 meter below the ground level so as not to obstruct drainage of the road land.	Yes	
2.2	Cross Section showing the size of pit and location of cable/gas line for Digging Trench method	Enclosed	
2.3	Strip plan / Route plan showing Gas pipeline, Chainage, width of ROW, distance of proposed cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Enclosed	
2.4	Methodology for laying of showing Gas pipeline	Enclosed	



Sr. No.	Item	Information / Status	Remarks
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	Yes	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Yes	
	(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.	Yes	
	(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.	Yes	
	(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.	Yes	
	(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	Yes	
	(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, The utility services shall cross the National Highway preferably on a line normal to it as nearly as practicable.	
2.4.3	Laying of Gas pipeline through CD works and method of laying	HDD / Open Cut Method as per site condition & instruction from NH officials	

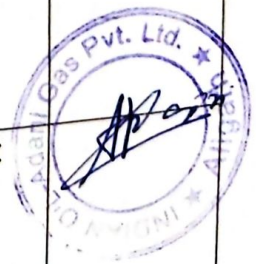
Sr. No.	Item	Information / Status	Remarks
3	Draft License Agreement signed by two witnesses	Draft License Agreement enclosed duly signed by two witnesses	
4	Performance Bank Guarantee in favour of NH-PWD has to be obtained @ Rs.100/- per running meter (parallel to NH) and Rs. 1,00,000/- per crossing 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 50 meter away from the edge of the right of way. No payment shall be payable by the NH-PWD to the licensee for clearing debris / loose earth.	Yes, Agreed. Indian Oil Adani Gas Pvt Limited will submit Performance Bank Guarantee at time of Permission.	
4.1	Performance BG as per above is to be obtained.	Yes	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Yes	
5	Affidavit / Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed	
5.2	Renewal of Bank Guarantee	Will be done	
5.3	Confirming all standard condition of NHAI guideline	Enclosed	
5.4	Shifting of Gas Pipeline as and when required by NHAI at their own cost	Enclosed	
5.5	Shifting due to 2/4/6 lanning / widening of NH	Enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Enclosed	
5.7	Traffic movement during laying of Gas pipeline to be managed by the applicant	Enclosed	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Enclosed	
5.9	Prior approval of the NHAI 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.	Enclosed	



Sr. No.	Item	Information / Status	Remarks
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 Gas Pipeline will be borne by the agency owning the line.	Enclosed	
5.11	If the NHAI 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 NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Enclosed	
5.12	Certificate from the applicant in the following format	Enclosed	
	(i) Laying of Gas Pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.		
	(ii) for 2/4/6 – lanning “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 NHAI” for future four – lanning or any other development.”		
6	Who will sign the agreement on behalf of Gas Pipeline agency Power of attorney to sign agreement available or not	Mr. Alok Giri (GA Head) Manager, Aligarh & Hathras GA	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No– NH-III/P/66/76 dated – 19.11.1976, Ministry Circular No– NH-III/P/66/76 dated– 11.5.1982, Ministry Circular No – RW/NH-11037/1/86/DOI dated 19.1.1995		
7.2	Certificate from PD in the following format		



Sr. No.	Item	Information / Status	Remarks
	(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 & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc".		
	(ii) for 2/4/6 – lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed four-laning based on the feasibility report considering proposed structures at the said location". (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed four-laning".		
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 of lay cable / duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of (To _____) section from Km to Km of NH-91 on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."		
9	Who will supervise the work of laying of Gas Pipeline	Indian Oil Adani Gas Pvt Limited, Aligarh & Hathras GA	
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.	NH, Aligarh	
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire.	Indian Oil Adani Gas Pvt Limited	



Sr. No.	Item	Information / Status	Remarks
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed).		
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 PD then copy be enclosed		



For Indian Oil Adani Gas Pvt Limited

Alok Giri
GA Head
Manager-IOAGPL Aligarh GA(CGD)

**INFORMATION TO BE FURNISHED ALONG WITH THE PROPOSAL FOR LAYING
OF STEEL PIPELINE ALONG THE NATIONAL HIGHWAYS AUTHORITY OF INDIA**

1	Exact location of crossing with chainage of National Highways Authority of India and right of way of NH at crossing point	<p>Permission for Laying Pipelines Along & Across NH-34</p> <p>Steel Pipe:-8 inch Carbon steel</p> <p>Along NH:-</p> <ol style="list-style-type: none"> 1.RHS of NH Ch. Km- 108+000 (Before CHC Muni) to NH Ch. Km- 116+000 (Near Tamkoli sangra Cut) 2.LHS of NH Ch. Km- 116+000 (Near Tamkoli sangra Cut) to NH Ch. Km- 149+900 (Boner Cut) 3.Crossing at 116+000km at near Tamkoli Songra Cut 4.Crossing at 123+200km Near BPCL RO 5.Crossing at 124+650km at Mansi Ganga Builders 6.Crossing at 126+000km at Pachpeda 7.Crossing at 136+200km near Aligarh Palwal Road 8.Crossing at 139+400km at Amarpur Road 9.Crossing at 142+100km at Mathura Road 10.Crossing at 143+950km at Agra Road 11.Crossing at 147+400km at Aligarh Mathura bypass Road
2	Table showing distance of Gas Pipeline and RoW from centre line of Highways	Enclosed
3	Methodology of crossing in NH by open Trench/HDD	Enclosed
4	Crossing details : Plan & Cross section drawing showing depth of crossing at a minimum of 2.5 m. from existing ground level with sealing at ends of pipe	Enclosed
5	Route Index plan across the Highways Showing following:	Enclosed
	(a) Existing Row of NHAI/NH Land	Green colour
	(b) Pipeline in Black Colour	Enclosed
6	Undertaking that you shall take care of existing service that been laid previously	Enclosed



GA Head, Manager
IOAGPL (Aligarh)