



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

301-ए, तीसरी मंजिल, पाल हाईट्स, प्लॉट नं. जे/7, जयदेव विहार, भुवनेश्वर-751013, ओडिशा  
301-A, 3rd Floor, Pal Heights, Plot No : J7, Jayadev Vihar, Bhubaneswar-751013, Odisha

दूरभाष / Ph.: 0674 - 2361470/ 570/ 670 (का/0)

ई-मेल/e-mail: roodisha@nhai.org, ronhaiodisha@gmail.com, वेबसाइट/Web : www.nhai.gov.in



NHAI/13011/54/RO/OD/ 1835 /2025

19.08.2025

To

The Sr. Technical Director,  
NIC Centre at MoRTH,  
Transport Bhawan,  
New Delhi 110001

Sub: Cuttack-Angul section of NH-55 (Pkg-I): Proposal of M/s Reliance Industries Ltd. for permission for laying of Biogas pipeline from Km. 56.280 to Km. 57.080 RHS in the state of Odisha - Reg.

Ref: PD, PIU- Dhenkanal letter no. 1351 dated 07.08.2025

Sir,

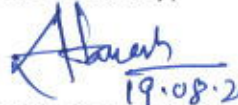
Please find enclosed herewith proposal of M/s Reliance Industries Ltd. for permission for laying of Biogas pipeline from Km. 56.280 to Km. 57.080 RHS in the state of Odisha. The details are as under:

Sl. No.	Description	Chainage	Pipe Dia In MM	Remarks
1.	Along the NH	Km. 56.280 to Km. 57.080 (RHS)	100 mm dia	Through HDD method

2. Accordingly, as per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/5GR(R) dt. 22.11.2016, the application along with the recommendations of concerned PD/Consultants are enclosed herewith with request to hoist the same in the Ministry's Website for public comments within 30 days of uploading on the website.

This is issued with the approval of Regional Officer, Odisha.

Yours Sincerely,

  
(Abinash Behera)  
Manager (Tech)



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

301-ए, तीसरी मंजिल, पाल हाइट्स, प्लॉट नं. जे/7, जयदेव विहार, भुवनेश्वर-751013, ओडिशा

301-A, 3rd Floor, Pal Heights, Plot No : J7, Jayadev Vihar, Bhubaneswar-751013, Odisha

दूरभाष / Ph.: 0674 - 2361470/ 570/ 670 (का/ओ)

ई-मेल/e-mail: roodisha@nhai.org, ronhaiodisha@gmail.com, वेबसाइट/Web : www.nhai.gov.in



NHAI/13011/54/RO/OD/ 1835/2025

19.08.2025

### INVITATION OF PUBLIC COMMENTS

Sub: Cuttack-Angul section of NH-55 (Pkg-I): Proposal of M/s Reliance Industries Ltd. for permission for laying of Biogas pipeline from Km. 56.280 to Km. 57.080 RHS in the state of Odisha - Reg.

M/s Reliance Industries Ltd. has submitted a proposal for laying of Biogas pipeline from Km. 56.280 to Km. 57.080 RHS in the state of Odisha. The details are as under:

Sl. No.	Description	Chainage	Pipe Dia in MM	Remarks
1.	Along the NH	Km. 56.280 to Km. 57.080 (RHS)	100 mm dia	Through HDD method

2. As per guidelines issued by MoRT&H vide F. No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the Highway Administration will put out the application 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, the comments of public, if any, on the above-mentioned proposal are invited on below mentioned address:

The Regional Officer,  
National Highways Authority of India,  
Regional Office, Odisha  
301-A, 3rd Floor, Pal Heights,  
J/7, Jayadev Vihar, Bhubaneswar 751013, Odisha  
e-mail: roodisha@nhai.org

This is issued with the approval of RO, Odisha.

19.08.25

Manager (Tech)  
National Highways Authority of India,  
Regional Office, Odisha  
301-A, 3rd Floor, Pal Heights,  
J/7, Jayadev Vihar, Bhubaneswar 751013



### CHECK-LIST

Guidelines for Project Directors for processing the proposal for laying of Gas Pipeline in the land along National Highways vested with NHAI.

#### Relevant circulars of Ministry of Road Transport and Highways

1) Circular No RW/NH-33044/29/2015/S&R (R) dated 22.11.2016

#### Check list for getting approval for laying of Gas pipeline on NH land (To be filled by the PIU)

The permission for laying of Gas pipe Line shall be considered for approval/rejection based on the Ministry Circulars mentioned as above

(a) Carrying of sewage /gas pipelines on highway Bridges shall not be permitted as Furmes/gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of

(b) 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.

S. NO.	ITEM	INFORMATION/STATUS	REMARK
1.	Name and Address of the applicant	Reliance Industries Limited, Bio Energy Plant, 11/A, Baulapur, Sudhadeikateni, Tahasil-Odapada, Dhenkanal,Odisha - 759024	
1.2	National Highway Number	NH 55	
1.3	State	Odisha	
1.4	Lacation	At- Baulapur, Sudhadeikateni, Tahasil-Odapada, Dhenkanal,Odisha - 759024	
1.5	Chainage in Km	KM 56.280 to KM 57.080	
1.6	Length in meters	800 M	
1.7	Width of available ROW		
	a) Left side from centre line towards increasing chainage/km direction	30.19 M	
	b) Right side from centre line towards increasing chainage /km direction	30.70 M	
1.8	Proposal to lay underground Gas pipeline for gas supply.		

उप प्रबंधक (तकनीक)  
Dy. Manager (Tech)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
प.का.इ. द.क.नाल/ P.U. Dhenkanal  
PROJECT DIRECTOR  
National Highways Authority of India  
P.U. Dhenkanal

Team Leader  
Authority Engineer  
L.N. Malviya Project Pvt. Ltd.

Site Engineer  
National Highways Authority of India  
Project Implementation Unit-Dhenkanal



	a) Left side from center line towards increasing chainage/km direction	NA	
	(b) Right side from centre line towards increasing chainage/km direction	Yes	
1.9	Proposal to acquire land	NA	
	a) Left side from centre line towards increasing chainage/km direction	NA	
	(b) Right side from centre line towards increasing chainage/km direction	NA	
1.10	Whether the proposal is on the same side where land is not to be acquired	NA	
	If not then where to lay the gas Pipeline	NA	
1.11	Details of already laid services, if any, across the proposed route	NA	
1.12	Number of Existing Lanes (2/4/6/8 Lanes)	4-Lane	
1.13	Proposed No. of Lanes (2 Lanes with paved shoulders/4/6/8 Lanes)	NA	
1.14	Service road existing or not if yes then which side	Not exist	
	(a) Left side from centre line		
	(b) Right side from centre line		
1.15	Proposed service road	Not exist	
	a) Left side from centre line		
	b) Right side from centre line		
1.16	Whether proposal to lay gas pipeline is beyond the Service Road of between the service road and main carriageway.	NA	
1.17	The permission for laying of gas pipeline shall be considered for approval/rejection based on Ministry Circulars mentioned as above.	NA	
	a. Carrying of sewage/gas pipeline on Highway bridges shall not be		

*D.K. Choudhary*  
D.K. Choudhary  
PROJECT DIRECTOR  
National Highways Authority of India  
P.O., Dhenkanal, Orissa

*Dy. Manager (Tech.)*  
Dy. Manager (Tech.)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
प.का.इ. देवगढ़, राजस्थान

*Team Leader*  
Team Leader  
Authority Engineer  
L.N. Malviya Project Pvt. Ltd.



*Breja Mehan*  
Breja Mehan  
Engineer  
National Highways Authority of India  
Project Implementation Unit-Dhenkanal



	<p>permitted as fumes/gasses pipes can accelerate the process of corrosion, thus being much cause explosions, thus being much more injurious that leakage of gas.</p> <p>b. Carrying of Gas pipe lines on bridges shall also be discourage. However if the Gas Authorities seem to have no other viable alternate 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 opade around the superstructure of the bridge and repairs etc.</p> <p>c. Cost of required extension of the sub-structures as well as that of the supporting superstructure shall be borne by the agency in charge of the utility.</p> <p>d. Services are not being allowed indiscriminately on the parapet/any part of the bridge, 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.</p>		
1.18	If crossings of the road involved if yes, it shall be either encased in Pipelines or through structure or conduits specially built for	NA	

*D.K. Choudhary*  
**D. K. Choudhary**  
 PROJECT DIRECTOR  
 National Highways Authority of India  
 P.I.U., Dhenkanal, Odisha

*Dy. Manager (Tech.)*  
**Dy. Manager (Tech.)**  
 भारतीय राष्ट्रीय राजमार्ग प्रधिकरण  
 National Highways Authority of India  
 प.का.इ. , देहकानाल/ P.I.U. Dhenkanal

*Team Leader*  
**Team Leader**  
 Authority Engineer

**L.N. Malviya Project Pvt. Ltd.**



*Pradya Mahan*

*Site Engineer*  
**Site Engineer**

National Highways Authority of India  
 Project Implementation Unit-Dhenkanal

	that purpose at the expenses of the agency owning the line.		
	a) whether existing drainage structures are allowed to carry gas Pipeline.	NA	
	b) Is it on a line normal to NH	No	
	c) hat is the distance of crossing the gas pipeline from the existing structures? Crossing shall not be too near the existing structure on the National Highways, the minimum distance being 15 meter.	NA	
	d) The casing Pipeline (or conduit Pipeline in the case of electric Pipeline) 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 Pipeline / Pipeline. Mention type of crossing	Steel	
	e) Ends of the casing / conduit Pipeline shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	f) The Casing/Conduit Pipeline should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes	
	g) The top of the casing /conduit Pipeline should be at least 1.2 meter below the surface of the road subject to being a at least 0.3 meter below the drain inverts. Mention the proposed details.	2.0 Meter below the lowest ground level	
	h) Mention the methodology proposed for crossing of road for the proposed gas Pipeline. Crossing shall be by boring method (HDD) (Trench less Technology), especially where the existing road pavement is of	NA	

*D.K. Choudhary*  
D.K. Choudhary  
PROJECT DIRECTOR

National Highways Authority of India  
P.U., Dhenkanal, Odisha

*Dy. Manager (Tech.)*  
Dy. Manager (Tech.)

भारतीय राष्ट्रीय राजमार्ग प्रधिकरण  
National Highways Authority of India  
प.का.इ. , दूँकानाल/ P.U. Dhenkanal

*Team Leader*  
Team Leader

Authority Engineer

L.N. Malviya Project Pvt. Ltd.



*Brigje Mehan*

*Site Engineer*

National Highways Authority of India  
Project Implementation Unit-Dhenkanal



	cement concrete or dense bituminous concrete type		
2.	Documents/Drawings to be enclosed with the proposal		
	<p>Cross Section showing the size of the trench for open trenching method (Is It normal size of 1.65 m deep x 0.3 m wide)</p> <p>(i) Should not be greater than 60 cm wider than the outer diameter of the Pipeline.</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 centre lines of the nearest carriageway.</p> <p>(iii) Shall not to be permitted to run across the National Highways when the road formation is situated in double cutting. Nor shall be these are laid over the existing culverts or bridges.</p> <p>(iv) These should be so laid that top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.</p>	NA	
2.2	Cross Section showing the size of pit and location of Pipeline for HDD method	NA	
2.3	Strip Plan/ Route Plan showing the Gas Pipeline, Chainage, width of ROW, distance of proposed Pipeline from the edge of ROW, Important milestone, intersections, cross drainage works etc.	Shown in the SLD	
2.4	Methodology for crossing of the gas pipeline	NA	
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, what is the methodology of refilling of trench.	NA	

*D.K. Choudhary*  
**D. K. Choudhary**  
 PROJECT DIRECTOR  
 National Highways Authority of India  
 P.I.U., Dhenkanal

*D. K. Choudhary*  
 उप निबंधक (तकनीक)  
**Dy. Manager (Tech.)**  
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
 National Highways Authority of India  
 प.का.इ., दhenkanal/ P.I.U. Dhenkanal

*Shri*  
**Team Leader**

**Authority Engineer**  
**L.N. Malviya Project Pvt. Ltd.**

*Brāja Mehan*  
**Site Engineer**  
 National Highways Authority of India  
 Project Implementation Unit-Dhenkanal



	i) For filling of the trench, Bedding shall be to a depth of not less than 30cm. It shall consist of granular material, free of lumps, clods and cables 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.	NA	
	The backfill shall be completed in two stages (i) side fill to the level of the top of the Pipeline and (ii) overfill to the bottom of the road crust.	NA	
	(iii) The side-fill shall consist of granular material laid 15cm 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 pounding will not be permitted	NA	
	iv. 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 dip at the trench.	NA	
	(v) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	NA	
	(vi) If required, a diversion shall be constructed at the expense of the agency owning the utility line.	NA	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	
2.4.3	Methodology for lying of Pipeline through CD works and method of fying. In cases where the carrying of Gas pipeline on	NA	

*D. K. Choudhary*  
D. K. Choudhary  
PROJECT DIRECTOR  
National Highways Authority of India  
P.U., Dhenkanal, Odisha

*Digant*  
उप निबंधक (तकनीक)  
Dy. Manager (Tech.)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
प.का.इ. द.कानाल/ P.U., Dhenkanal

*L.N. Malviya*  
Team Leader  
Authority Engineer  
L.N. Malviya Project Pvt. Ltd.

*Aravind*  
Site Engineer  
National Highways Authority of India  
Project Implementation Unit-Dhenkanal





	the bridge becomes Inescapable.		
3	Draft License agreement signed by two witnesses	Yes, Enclosed	
4	Performance Bank Guarantee in favor of NHAI 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 crossing the Gas Pipeline/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 (ROW). No payment shall be payable by NHAI to the licensee for clearing debris / loose earth. Performance BG as per above is to be obtained.	Undertaking attached	
4.1	Confirmation of BG has been obtained or not, as per NHAI guidelines.	Yes	
5	Affidavit / Undertaking from the Applicant for the following is to be furnished	Yes, enclosed	
5.1	Not to damage to the other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency.	Yes, enclosed	
5.2	For Renewal of Bank Guarantee	Yes, enclosed	
5.3	For confirming all standard conditions of Ministry Circulars and NHAI's Guidelines.	Yes, enclosed	
5.4	For shifting of Pipeline as and when required by NHAI at their own cost.	Yes, enclosed	

*[Signature]*  
**U. K. Choudhary**  
 PROJECT DIRECTOR  
 National Highways Authority of India  
 P.I.U., Dhenkanal, Odisha

*[Signature]*  
 उप-प्रबंधक (तकनीक)  
**Dy. Manager (Tech.)**  
 भारतीय राष्ट्रीय राजमार्ग प्रधिकरण  
 National Highways Authority of India  
 प.का.इ., दhenkanal/ P.I.U. Dhenkanal

*[Signature]*  
**Team Leader**  
**Authority Engineer**  
**N. Malviya Project Pvt. Ltd.**

*[Signature]*  
**Site Engineer**  
 National Highways Authority of India  
 Project Implementation Unit-Dhenkanal



5.5	For shifting of Gas Pipeline due Six Leaning / widening of NHAI	Yes, enclosed	
5.6	For indemnity against all damages and claims.	Yes, enclosed	
5.7	For traffic Movement during crossing of Pipeline to be managed by the applicant.	Yes, enclosed	
5.8	If any claim Is raised by the Concessionaries then the same has to be paid by the applicant.	Yes, enclosed	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the gas Pipeline / any other utility located in the National Highways right of way's.	Yes, enclosed	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highways by crossing, maintenance or shifting of the gas Pipeline will be borne by the applicant agency owning the line.	Yes, enclosed	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement of repairs to the road, it will be carried out as desired by NHAI at the cost of the agency owning the utility line within the reasonable time (not exceeding 60 Days) of the intimation	Yes, enclosed	
5.12	Certificate from the applicant in the following format: (i) Crossing of gas Pipeline will not have any dexterous effects on any of the bridge components and roadway safety for traffic. (ii) We do undertake that I/We will relocate service road Vapproach	Yes, enclosed	

*D.K. Choudhary*

**D.K. Choudhary**  
PROJECT DIRECTOR  
National Highways Authority of India  
P.U., Dhenkanal

*Dnyanesh*

**Dy. Manager (Tech.)**  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
प.का.इ. , दhenkanal/ P.U. Dhenkanal

*Team Leader*

**Team Leader**  
**Authority Engineer**  
**L.N. Malviya Project Pvt. Ltd.**

*Aravind*  
**Site Engineer**  
National Highways Authority of India  
Implementation Unit-Dhenkanal

*Aravind*  
**Site Engineer**





	road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHA" for future six leaning or any other development.		
6	Who will sign an agreement on behalf of Gas Pipeline agency?	Authorised Signatory	
7	Power of attorney to sign the agreement is available or not.	Yes, enclosed	
7.1	<p>Certificate for proposal for confirming of all standard condition issued vide Ministry of Road Transport and Highways Circular No. NH- III/P/66/76 dated 18/19.11.1976, RW/NH III/P/66/76 dated 11.5.1982, RW / NH 11037/1/86-DOI dated 28.7.1983</p> <p>NH-11037/1/86-DOI dated 1.1995; RW/NH-34066/2/95/S&amp;R ed 25.10.1999 and circular No. /NH-34066/7/2003 S&amp;R (B) ed 17.9.2003.</p>		
7.2	<p>Certificate from PD in the following format (i) "it is certified that any other location of the Gas Pipeline would extremely difficult unreasonably costly be and and installation of gas Pipeline within ROW will not adversely affect the design, stability, &amp; Traffic safety of the Highway nor the likely future Improvenient such as widening of the carriage way, easing of curve etc." (ii) for 6 laning (a) Where feasibility is available "I do certify that there will be no hindrance to the feasibility report considering proposed structures at the said location." (b) in case feasibility report is</p>		

*D.K. Choudhary*  
**D.K. Choudhary**  
**PROJECT DIRECTOR**  
National Highways Authority of India  
P.U., Dhenkanal

*D. Singh*  
**Dy. Manager (Tech.)**  
भारतीय राष्ट्रीय राजमार्ग निरीक्षण  
National Highways Authority of India  
प.का.इ. , दhenkanal/ P.U. Dhenkanal

*Team Leader*  
**Team Leader**  
**Authority Engineer**

**N. Malviya Project Pvt. Ltd.**

*Brjia Mehan*  
**Brjia Mehan**  
**Site Engineer**  
National Highways Authority of India  
Project Implementation Unit-Dhenkanal



	not available "I do certify that sufficient ROW is available at side accommodating six laning."		
8	If NH section proposed at 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 Gas Pipeline line / duct has also been granted as a right of way to the concessionaire under the concession agreement for up from km NH No. gradation To km of section Or on build, Operate and Transfer Basis) and therefore, the licensee shall honor the same		
9	Who will supervise the work of crossing of Gas Pipeline		
	(a) On Behalf of the Applicant	Officer of Reliance Industries Limited	
	(b) On Behalf of NHAI	IE/concessionaire of NHAI	
10	Who will ensure that the defects In road portion after crossing of Gas Pipeline are corrected and If not corrected then what action will be taken.		
	(a) On Behalf of the Applicant	Officer of Reliance Industries Limited	
	(b) On Behalf of NHAI	IE/concessionaire of NHAI	
11	Who will pay the claims for damages done / disruption In working of Concessionaire if asked by the Concessionaire		
	On Behalf of the Applicant	Officer of Reliance Industries Limited	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed Performa.	enclosed	

*D. K. Choudhary*  
PROJECT DIRECTOR  
National Highways Authority of India  
P.I.U., Dhenkanal, Odisha

*D. K. Choudhary*  
प्रबंधक (तकनीक)  
Dy. Manager (Tech.)  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
प.का.इ. - दंकाणाल, P.I.U. Dhenkanal

*Shripad*  
Team Leader

Authority Engineer  
L.N. Malviya Project Pvt. Ltd.

*Shripad*  
Site Engineer  
National Highways Authority of India  
Project Implementation Unit-Dhenkanal





13	If any previous approval is accorded for crossing of underground Gas Pipeline then photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed.	Not accorded any permission earlier	
----	--	-------------------------------------	--

*[Signature]*  
**Site Engineer**  
 National Highways Authority of India  
 Project Implementation Unit-Dhenkanal

*[Signature]*  
**Team Leader**  
**Authority Engineer**  
 L.N. Malviya Project Pvt. Ltd.

*[Signature]*  
**D. K. Choudhary**  
**PROJECT DIRECTOR**  
 National Highways Authority of India  
 P.I.U., Dhenkanal, Odisha

*[Signature]*  
 उप प्रबंधक (तकनीक)  
**Dy. Manager (Tech.)**  
 भारतीय राष्ट्रीय राजमार्ग निधिकरण  
 National Highways Authority of India  
 प.का.इ. , दैकाकाल/ P.I.U. Dhenkanal



*[Signature]* Binjan Mohan Das