



**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 : J/7, Jayadev Vihar, Bhubaneswar- 751013, Odisha  
दूरभाष /Ph.: 0674 - 2361470/ 570/670 (का/ओ), फैक्स /Fax : +91-674-2361770  
ई-मेल/e-mail : roodisha@nhai.org, ronhaodisha@gmail.com, वेबसाइट/Web : www.nhai.gov.in

NHAI/13011/54/RO/OD/ 1506 /2022

24.05.2022

To

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

Sub: Permission for laying GAIL's 8" dia steel Natural Gas Pipeline along with 40 mm duct for OFC across NH-316 (Bhubaneswar- Puri) from Km.16.110 to Km.16.420 (310 meters) and across to NH at Km.16+420 in Village- Pabasan, Tehsil- Pipili in Puri District- Reg

Ref: PD, PIU- Bhubaneswar letter No. 491 dated 12.04.2022

Sir,

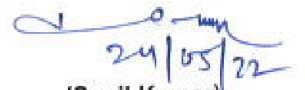
Please find enclosed herewith a proposal of M/s GAIL India Ltd for laying of 8" dia steel Natural Gas Pipeline along with 40 mm duct for OFC across NH-316 (Bhubaneswar Puri) from Km.16.110 to Km.16.420 (310 meters) and across to NH at Km.16+420 . The details are as under:

Sl No.	Description	Chainage		Length (m)	Remark
		From	To		
1.	8" dia steel Natural Gas	16+110	16+420	310	Village- Pabasan, Tehsil- Pipili in Puri District
2.	Pipeline along with 40 mm duct for OFC	Crossing at Chainage 16+420		NA	

2. Accordingly, as per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/S&R(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 the "Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar.

Yours faithfully,



(Sunil Kumar)

Dy. General Manager (Tech)



**भारतीय राष्ट्रीय राजमार्ग प्राधिकरण**  
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)  
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NHAI/13011/54/RO/OD/ 1505 /2022

24.05.2022

**INVITATION OF PUBLIC COMMENTS**

**Sub:** Permission for laying GAIL's 8" dia steel Natural Gas Pipeline along with 40 mm duct for OFC across NH-316 (Bhubaneswar- Puri) from Km.16.110 to Km.16.420 (310 meters) and across to NH at Km.16+420 in Village- Pabasan, Tehsil- Pipili in Puri District- Reg

M/s GAIL India Ltd has submitted a proposal for laying of 8" dia steel Natural Gas Pipeline along with 40 mm duct for OFC across NH-316 (Bhubaneswar- Puri) from Km.16.110 to Km.16.420 (310 meters) and across to NH at Km.16+420 . The details are as under:

Sl No.	Description	Chainage		Length (m)	Remark
		From	To		
1.	8" dia steel Natural Gas Pipeline along with 40 mm duct for OFC	16+110	16+420	310	Village- Pabasan, Tehsil- Pipili in Puri District
2.		Crossing at Chainage 16+420		NA	

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](mailto:roodisha@nhai.org)

This is issued with the approval of the "Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar".

Dy. General 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 NHAI for processing the proposal for laying of Gas Pipe Line in the land across/along NH.

- Relevant circulars of Ministry of Road Transport and Highways:

Circular No. NH-III/P/66/76 dated 18/19.11.1976

Circular No. RW/NH-III/P/66/76 dated 11.5.1982

Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993

Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995

Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999

Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003

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

Check list for getting approval for laying of Gas Pipe Line 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,

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

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.

Guidelines for processing the proposal for laying of utility line in the land along National Highways vested with NHAI/PWD/BRO.

General Information		
1	Name and Address of the Applicant/Agency	GAIL (India) Limited, 612 Utkal Signature Pahal, Bhubaneshwar, District Khurda, Odisha.
2	National Highway Number	NH-316
	State	Odisha
4	Location	From Km 16+110 to 16+420 parallel to road and at Km 16+420 across the road in Village- Palasan, Tehsil -Pipli in District - Puri.
5	Chainage in km	16+110 to 16+420 (310 Meters) parallel to road At Km 16+420 across the road,
6	Length in Meters	370 Meters
7	Width of available ROW in both side	60 Meters
8	(a) Left side from center line towards increasing chainage/ km direction	30.05 Meters
	(b) Right side from center line towards increasing chainage/ km direction	29.95 Meters
9	Name of Highway authority of NHAI/PWD/BRO	NHAI, PIU Bhubaneshwar
10	Highway Administration address	NHAI, PIU Bhubaneshwar, 1 <sup>st</sup> Floor, Setu Bhawan, Nayapalli, Unit-VIII, Bhubaneshwar-751012.

सौरभ जैन/Saurabh Jain


उप महाप्रबंधक(निर्माण)/ Dy. General Manager (Const.)

गैल (इंडिया) लिमिटेड/GAIL (India) Limited

612, उत्कल सिग्नेचर, पाहाल, एनएच-5

612, Utkal Signature, Pahala, NH-5

Sr. No.	Item	Measurement observation as per site condition	MoRTH Norms	Weather complying with MoRTH Norms (Y/N)
1	Details of already laid services, if any, along the proposed route	No	Enclosed	-
2	Whether up-gradation of the stretch in near future is proposed or not	Not	-	-
	(a) If yes, provision of utility adversely affect the plan of up-gradation	Not applicable	No affect plan of up-gradation	-
3	<b>Laying of the utility service along the National Highways.</b>			
3.1	Location of the proposed utility service along the stretch	From Km 16+110 to 16+420 parallel to road	Utility Duct/ beyond the toe line of the embankment and drains and close to the extreme edge of the RoW	-
3.2	Depth of top of utility service from ground level	1.2 Meter	0.6 meter	-
3.3	Mechanism for crossing water channel	Not applicable	Through utility duct (if provision exists) or beneath the bed of water channel	-
3.4	Whether ROW is restricted in this stretch?	No	-	-
3.4.1	If yes, whether provision of land acquisition is required to lay utility	Not applicable	-	-
	(a) If yes, whether undertaking for land acquisition along will relevant L.A. Details has been furnished	Not applicable	-	-
3.4.2	Width of concrete duct, if utility services are proposed to be laid in concrete ducts.	Not applicable	Not less than one lane	-
4	<b>Laying utility services across to N.H.</b>			
4.1	Whether Existing drainage structures is allowed to carry the utility lines.	No	Not to be allowed	-
4.2	Proposed crossing of utility service.	Natural Gas Pipeline	Perpendicular to NH	Yes
4.3	Type of casing pipe/conduit carrying the utility line.	Only laying 8" dia. Steel Carrier pipe by HDD method	Steel, cast iron or reinforced cement concrete and have adequate strength	Yes

 Saurabh Jain  
 उप महाप्रबंधक(निर्माण)/ Dy. General Manager (Const.)  
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 भुवनेश्वर-752101/Bhubaneswar-752101



4.4	Whether ends of the casing/conduit pipe are sealed from the outside.	NA	Sealed	-
4.5	Length of casing/conduit pipe crossing N.H.	55.50 meters (only carrier pipe by HDD method)	Extend from drain to drain in cuts and toe to toe of slope in the fills	Yes
4.6	Depth of top of the casing/conduit pipe.	Min. 1.2 meters (only carrier pipe by HDD method)	At least 1.2 m below the top of subgrade	Yes
4.7	Crossing method in case of CC pavement.	Trenchless method	Only boring method (HDD)	Yes
4.8	Horizontal and vertical clearances in case utilities are allowed overhead.	NA	In accordance with IRC codes	--
5	<b>Document/ Drawings enclosed with the proposal.</b>			
5.1	Cross-Section showing the size of trench for open trenching method	NA	Enclosed, if applicable	-
	(a) Trench width	NA	More than 30 cm and less than 60cm wider than the outer diameter of the utility pipe	-
	(b) Filling of trench	NA	As per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R/ dated 22.11.2016	-
	(c) Location of trench	NA	Extreme edge of the ROW	-
5.2	Cross-Section showing the size of pit and location of conduit for HDD method	Drawing Enclosed	Enclosed, If applicable	Yes

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5.3	Strip plan/ Route plan showing utility line, Chainage, width of ROW, distance of proposed utility from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Drawing Enclosed	Enclosed	Yes
5.4	Plan and profile drawing of stretch showing Cross-Section of road at 20 m distance along with ROW and Proposed utility.	NA	Enclosed	-
6	Methodology for laying of utility line	Enclosed	Enclosed	Yes
7	Draft license Agreement is as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016 and signed by two witnesses	Enclosed	Enclosed	Yes
8	License fees in favor of MoRTH RPAO Chandigarh.	Will be submitted as and when informed by NHAI	As per Ministry vide circular no. RE/NH-33044/29/2015/S&(R)dated 22.11.2016	Yes
9	Whether Bank Guarantee has been obtained	Will be submitted as and when informed by NHAI	As per Ministry vide circular no. RE/NH-33044/29/2015/S&(R)dated 22.11.2016	Yes
	(a) If yes, whether Confirmation of BG has been obtained as per MoRTH/NHAI guidelines.	Will be submitted as and when informed by NHAI	-	Yes
10	<b>Affidavit / Undertaking from the Applicant for the following is to be furnished</b>			
10.1	Undertaking for not to Damage to other existing utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Enclosed	Enclosed	Yes
10.2	Undertaking for Renewal of Bank Guarantees and when asked by NHAI/MoRTH.	Enclosed	Enclosed	Yes
10.3	Undertaking for Confirming all standard condition of MoRTH/NHAI guidelines.	Enclosed	Enclosed	Yes

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10.4	Undertaking for Shifting of utility as and when asked by MoRTH/ NHAI within a month at their own cost.	Enclosed	Enclosed	Yes
10.5	Undertaking for indemnity against all damages and claims	Enclosed	Enclosed	Yes
10.6	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Enclosed	Enclosed	Yes
10.7	Undertaking that If any claim is raised by the Concessionaire/ contractor then the same has to be paid by the applicant.	Enclosed	Enclosed	Yes
10.8	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration.	Enclosed	Enclosed	Yes

The Right of the way (ROW) of the National Highway available at the proposed location from the center line of divided carriageway is 26.65 m at RHS and 28.85 m at LHS towards increasing chainage of NH (From center of ROW to edge of ROW towards proposed utility).

The above particulars along with the drawings and documents have been verified and certified as correct as per prevailing site conditions.

**GAIL (INDIA) LIMITED**

**Verified by**

**Saurabh Jain**

**Dy. Gen. Manager (Const)**

**Project Director**

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उप महाप्रबंधक (निर्माण)/Dy. General Manager (Const.)  
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भुवनेश्वर-752101/Bhubaneswar-752101

*[Signature]*  
AHME

*[Signature]*  
Resident Engineer  
MSV International Inc  
in association with  
D N Consultant



*[Signature]*  
परियोजना निदेशक/Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India