



सत्यमेव जयते

# 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)

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NHAI/13011/54/RO/OD/1687/2023

26.05.2023

To

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

Sub: Operation and Maintenance from Km.0.000 to Km.67+400 of Bhubaneswar- Puri section of NH 203 (New NH-376) in the State of Odisha- Permission for laying of steel and MDPE gas pipeline from Km.13+700 to 67+238 along with 5 nos of crossing at Km.15+650, Km.56+230, Km.61+720, Km.67+238 & Km.61+200- Reg

Ref: PD, PIU- Bhubaneswar letter No. 619 dated 24.04.2023

Sir,

Please find enclosed herewith a proposal of M/S GAIL Gas Ltd for laying of steel and MDPE gas pipeline from Km.13+700 to 67+238 along with 5 nos of crossing at Km 15+650, Km.56+230, Km 61+720, Km.67+238 & Km.61+20. The details are as under:

SI No.	Description	Chainage		Length (m)	Type of Pipeline	Length of crossing	Remark
		From	To				
1.	Along	13+700	67+238	53+538	-	-	Laying of Natural Gas Pipeline along and across National Highways.
2.	Crossing 1 (Bimala Filling Station, HPCL, Uttara)	15+650			Steel 4"	60	
3.	Crossing-2 (Jayaradha Filling Station, IOCL, Batagaon Chowk)	56+230			Steel 4"	50	
4.	Crossing-3 (Akshaya Patra, Mangalaghat Chhowk)	61+720			MDPE 125mm	60	
5.	Crossing-4 (Sterling chowk, Puri Beach)	67+238			MDPE 90mm	70	
6.	Crossing-5 (Mangalghat Chowk)	61+200			Steel 6" & MDPE 125 mm	60	

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)  
General Manager (Tech)



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# 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

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NHAI/13011/54/RO/OD/ 1686/2023

26.05.2023

### INVITATION OF PUBLIC COMMENTS

**Sub:** Operation and Maintenance from Km.0.000 to Km.67+400 of Bhubaneswar- Puri section of NH-203 (New NH-316) in the State of Odisha- Permission for laying of steel and MDPE gas pipeline from Km.13+700 to 67+238 along with 5 nos of crossing at Km.15+650, Km.56+230, Km.61+720, Km.67+238 & Km.61+200- Reg

M/s GAIL Gas Ltd has submitted a proposal for laying of steel and MDPE gas pipeline from Km.13+700 to 67+238 along with 5 nos of crossing at Km.15+650, Km.56+230, Km.61+720, Km.67+238 & Km.61+200 . The details are as under:

Sl No.	Description	Chainage		Length (m)	Type of Pipeline	Length of crossing	Remark
		From	To				
1.	Along	13+700	67+238	53+538	-	-	Laying of Natural Gas Pipeline along and across National Highways.
2.	Crossing-1 (Bimala Filling Station, HPCL, Uttara)	15+650			Steel 4"	80	
3.	Crossing-2 (Jayaradha Filling Station, IOCL, Batagaon Chowk)	56+230			Steel 4"	50	
4.	Crossing-3 (Akshaya Patra, Mangalaghat Chowk)	61+720			MDPE 125mm	60	
5.	Crossing-4 (Sterling chowk, Puri Beach)	67+238			MDPE 90mm	70	
6.	Crossing-5 (Mangalghat Chowk)	61+200			Steel 6" & MDPE 125 mm	60	

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 the "Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar".

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 lying 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-D01 (ii) dated 28.7.1993

Circular No. RW/NH-11037/1/86/D01 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 lying 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 lying of utility line in the land along National Highways vested with NHAI/PWD/BRO.

General Information		
1	Name and Address of the Applicant/Agency	<b>GAIL GAS Limited</b> , Hotel Janaki Residency Balagandi, Grand Road, Puri-752001, Odisha.
2	National Highway Number	NH-316
3	State	Odisha
4	Location	Km 13+700 to 67+238 across road - Uttara chowk to Sterling chowk in District - Puri at Chainages KM 15+650, KM 56+230, KM 61+200, KM 67+238 & KM 61+720
5	Chainage in km	13+700 to 67+238 (53.538 km) across road at Various Locations
6	Length in Meters	53+538 Km
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 or I authority or NIIAUPWD/BRO	NHAI, PIU Bhubaneshwar
10	Highway Administration address	NHAI, PIU Bhubaneshwar, 303, Utkal Signature, 3rd floor, NH-5 Pahal, Bhubaneshwar-752101.



Resident Engineer  
MSV International Inc.  
In association with  
DN Consultant

Signature  
(SE, NHAI)



# **DETAILED INFORMATION**

Sr No	Item	Measurement observation as per site Condition	MoRTH Norms	Whether Complying with MoRth Norms (Y/N)
1	Details of already laid services, if any, along the proposed route	No	Enclosed	Yes
2	Whether up-gradation of the stretch in near future is proposed or not	No		Yes
	a) If yes, provision of utility adversely affect the plan of up-gradation	Not Applicable	No affect Plan of Upgradation	
	<b>Laying of the utility service along the National Highways.</b>			
3.1	<b>Location of the proposed utility service along the stretch</b>	From Km 13+700 to 67+238 across to road	Utility Duct beyond the toe line of the embankment and drains and close to the extreme edge of the ROW	Yes
3.2	Depth of top of utility service from ground level	1.20 metres	0.6 metre	Yes
3.3	<b>Mechanism</b> for crossing water channel	Not Applicable		
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	<b>Width of concrete duct, if utility services are proposed to be laid in concrete ducts.</b>	Not Applicable	<b>Not Less than One Lane</b>	N.A.
4	<b>Laying utility services across to N.H.</b>			
4.1	Whether Existing drainage structures is allowed to carry the utility lines.	No	<b>Not To be Allowed</b>	Yes
4.2	Proposed crossing of utility service.	Natural Gas Pipeline (Drawings Enclosed)	<b>Perpendicular to NH by HDD</b>	Yes
4.3	Type casing pipe/conduit carrying the utility pipe	Laying of 4" & 6" Steel and 90mm & 125mm MDPE pipe	<b>A cast iron or reinforced cement concrete and have adequate strength</b>	Yes

*[Signature]*  
A.H.M.E.S.



*[Signature]*  
Resident Engineer  
MSV International Inc.  
In cooperation with  
DN Consultant

*[Signature]*  
(SENHAI)



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.	0.073 KM (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. 1.5 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	Document/ Drawings enclosed with the proposal.			
5.1	Cross-Section showing the size of trench for open trenching method	Enclosed	Enclosed, if applicable	Yes
	(a) Trench width	Enclosed	More than 30 cm and less than 60cm wider than the outer diameter of the utility pipe	Yes
	(b) Filling of trench	Enclosed	As per Ministry guidelines vide letter No. RW/NH-34044/2912015/S&R/ dated 22.11.2016	Yes
	(c) Location of trench	Extreme edge of the ROW	Extreme edge of the ROW	Yes
	(d) Cross-Section showing the size of pit and location of conduit for HDD method	Drawing Enclosed	Enclosed, If applicable	Yes



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*Altham Saeed*

5.2	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
5.3	Plan and profile drawing of stretch showing Cross Section of road at 20 m distance along with ROW and Proposed utility.	Enclosed	Enclosed	Yes
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 (R) dated 22.11.2016	
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 (R) dated 22.11.2016	
	(a) If yes, whether Confirmation of BGI has been obtained as per MoRTH/NHAI guidelines.	Will be submitted as and when informed by NHAI		
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		Yes
10.2	Undertaking for Renewal of Bank Guarantees	Enclosed		Yes
10.3	Undertaking for conforming all standard condition of MoRTH/NHAI guidelines.	Enclosed		Yes



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*Signature*



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 29.95 m at RHS and 30.01 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 GAS LIMITED**

K V S Prasad  
GM(CGD-PROJECTS)/OIC  
GAIL GAS LIMITED, PURI

**K.V.S. PRASAD**  
General Manager  
CGD - Projects  
GAIL GAS LIMITED  
PURI (ODISHA)

Verified by

Project Director



**Resident Engineer**  
**MSV International Inc.**  
In association with  
**DN Consultant**

*Signature*