



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India
(Ministry of Road Transport & Highways)

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 : J/7, Jayadev Vihar
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भारतमाला



BHARATMALA
ROAD TO PROSPERITY

NHAI/13011/54/RO/OD/ 1223/2021

29.04.2021

To

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

Sub: Permission for laying of 4" dia steel gas pipeline Malatipatpur Bus Stand to Tulasi Chaura Chowk (LHS) (Km.54.700), laying of 8" dia pipeline from Malatipatpur Bus Stand to Batagaon chowk (RHS) (Km.54.700 to 56.500), Batagaon Chowk to Mangalghat chowk (LHS) (km.56.500 to Km.61.820), laying of 4" dia pipeline from Mangalghat chowk to Hotel Sterling Resort (LHS) (Km.61.820) to Km.67.238) & crossing of 4" dia pipeline at Tulasi Chaura Chowk (Km.53.000) & crossing of 8" dia pipeline at Batagaon chowk (Km.56.500) on NH-316 – reg

Ref: 1. PD, PIU- Bhubaneswar letter No.493 dated 20.04.2021
2. PD, PIU- Bhubaneswar letter No.288 dated 04.03.2021
3. Supervision Consultant (MSV) letter No.95 dated 03.02.2021
4. M/s GAIL Gas Ltd letter No. GAIL GAS / PURI /CGD /NHAI / 20-21 dated 30.12.2020

Sir,

Please find enclosed herewith a proposal of M/s GAIL Gas Ltd., Puri for laying and crossing of Gas pipeline (8" & 4" dia) from Tulasi Chaura Chowk to Hotel Sterling Chowk (from km. 53.000 to Km. 67.238) along / across NH-316. The details are as under:

Malatipatpur Bus Stand to Tulasi Chaura Chowk					
Sl. No.	Location	Chainage	Type of Pipeline	P/L Road Side	Total length / Crossing Km.
1.	Malatipatpur Bus Stand to Tulasi Chaura Chowk (Laying)	54+700 to 53+000	4" dia Carbon Steel P/ L	Laying LHS	1.7
	Tulasi Chaura Chowk (Towards PWD road) (Crossing)	53+000		Crossing	0.060
Malatipatpur Bus Stand to Mangalghat Chowk (Bypass road)					
2.	Malatipatpur Bus Stand to Batagaon Chowk (Laying)	54+700 to 56+500	8" Dia Carbon Steel P/L	Laying RHS	1.8
	Batagaon Chowk to Mangalghat Chowk (Laying)	56+500 to 61+820		Laying LHS	5.32
	Batagaon Chowk (Crossing)	56+500		Crossing	0.060
Mangalghat Chowk to Hotel Sterling Resort (Bypass road)					
3.	Mangalghat Chowk to Hotel Sterling Resort (Laying)	61+820 to 67+238	4" dia Carbon Steel P/ L	Laying LHS	5.418
Total					14.358

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.

Yours faithfully,

(Dr. Ram Prasad Panda)
CGM (Tech) & RO- Odisha



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India
(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय, ओडिशा / Regional Office, Odisha

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भारतमाला
एकरी के पथ पर प्रगति



BHARATMALA
ROAD TO PROSPERITY

NHAI/13011/54/RO/OD/ 122/2021

29.04.2021

INVITATION OF PUBLIC COMMENTS

Sub: Permission for laying of 4" dia steel gas pipeline Malatipatpur Bus Stand to Tulasi Chaura Chowk (LHS) (Km.54.700), laying of 8" dia pipeline from Malatipatpur Bus Stand to Batagaon chowk (RHS) (Km.54.700 to 56.500), Batagaon Chowk to Mangalghat chowk (LHS) (km.56.500 to Km.61.820), laying of 4" dia pipeline from Mangalghat chowk to Hotel Sterling Resort (LHS) (Km.61.820) to Km.67.238 & crossing of 4" dia pipeline at Tulasi Chaura Chowk (Km.53.000) & crossing of 8" dia pipeline at Batagaon chowk (Km.56.500) on NH-316 - reg.

M/s GAIL Gas Ltd., Puri has submitted a proposal for laying and crossing of Gas pipeline (8" & 4" dia) from Tulasi Chaura Chowk to Hotel Sterling Chowk (from km. 53.000 to Km. 67.238) along / across NH-316. The details of the proposal are as under:

Malatipatpur Bus Stand to Tulasi Chaura Chowk					
Sl. No.	Location	Chainage	Type of Pipeline	P/L Road Side	Total length / Crossing Km.
1.	Malatipatpur Bus Stand to Tulasi Chaura Chowk (Laying)	54+700 to 53+000	4" dia Carbon Steel P/ L	Laying LHS	1.7
	Tulasi Chaura Chowk (Towards PWD road) (Crossing)	53+000		Crossing	0.060
Malatipatpur Bus Stand to Mangalghat Chowk (Bypass road)					
2.	Malatipatpur Bus Stand to Batagaon Chowk (Laying)	54+700 to 56+500	8" Dia Carbon Steel P/L	Laying RHS	1.8
	Batagaon Chowk to Mangalghat Chowk (Laying)	56+500 to 61+820		Laying LHS	5.32
	Batagaon Chowk (Crossing)	56+500		Crossing	0.060
Mangalghat Chowk to Hotel Sterling Resort (Bypass road)					
3.	Mangalghat Chowk to Hotel Sterling Resort (Laying)	61+820 to 67+238	4" dia Carbon Steel P/ L	Laying LHS	5.418
Total					14.358

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

29.4.2021
CGM (Tech) & RO- Odisha
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	GAIL GAS Limited , Hotel Janaki Residency Balagandi, Grand Road, Puri-752001, Odisha.
2	National Highway Number	NH-316
3	State	Odisha
4	Location	At Km 53+000 to 67+238 parallel to road in Village- Tulasi chaura chowk to Hotel sterling resort — Pipeline in District - Puri.
5	Chainage in km	53+000 to 67+238 (14.238 km) parallel to road , At Km 53+000 and At Km 56.500 are across the road
6	Length in Meters	14+238 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 authority or NIIAUPWD/BRO	NHAI, PIU Bhubaneshwar
10	Highway Administration address	NHAI, PIU Bhubaneshwar, 303, Utkal Signature, 3rd floor ,NH-5 Pahal, Bhubaneshwar-752101.

ANADAMOY PRADHAN
Dy. General Manager (G.D Project)
(GAIL GAS LIMITED)
PURI (ODISHA)

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	Laying of the utility service along the National Highways.			
3.1	Location of the proposed utility service along the stretch	From Km 53+000 to 67+238 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	Laying utility services across to N.H.			
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 casing pipe/conduit carrying the utility line	Only laying 8" & 4" dia. Steel Carrier pipe by HDD)	Steel, A cast iron or rein forced cement concrete and have adequate strength	Yes

ANADAMOY PRADHAN

Dy. General Manager (CGD Project)

GAIL GAS LIMITED

RURI (ODISHA)

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.	0.110 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. 1.2 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	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
	Cross-Section showing the size of pit and location of conduit for HDD method	Drawing Enclosed	Enclosed, If applicable	Yes

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.	Enclosed	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	
9	I 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	
	(a) If yes, whether Confirmation of BG has been obtained as per MoRTH/NHAI guidelines.	Will be submitted as and when informed by NHAI		
10	Affidavit / Undertaking from the Applicant for he following is to be furnished			
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 and	Enclosed		Yes
10.2	Undertaking for conforming all standard condition of MoRTH/NHAI guidelines.	Enclosed		Yes

ANADAMOY PRADHAN
 Dy. General Manager (IGD Project)
 SAEPS LIMITED
 PURI (ODISHA)

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 30.05 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



Anandamoy Pradhan

Dy.GM(CGD-PROJECTS)

GAIL GAS LTD.PURI

Email id-Anandmoi.pradhan@gail.co.in

ANADAMOY PRADHAN

Dy. General Manager (CGD Project)


GAIL GAS LIMITED

PURI (ODISHA)

Verified by

Project Director


Resident Engineer
MSV International Inc.
In association with
D N Consultant


परियोजना निदेशक
PROJECT DIRECTOR
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प. एन. डी. पुणेकर / P. N. D. Poonkar

Annexure-I						
Sl.No	Location	NHAI Chainage (KM)	Type of Pipeline	P/L ROAD SIDE	Gas Pipe Line chainage (KM)	Total Length/Crossing (Km)
Malatipatpur Bus Stand To Tulasi Chaura Chowk						
1	Malatipatpur Bus Stand To Tulasi Chaura Chowk (Laying)	54.700 to 53.000	4" DIA CARBON STEEL P/L	Laying LHS	0.00 to 1.700	1.7
	Tulasi Chaura Chowk (Towards PWD road)(crossing)	53		Crossing	1.7	0.042-0.060

Malatipatpur Bus Stand To Mangalghat Chowk(Bypass road)						
2	Malatipatpur Bus Stand To Batagaon Chowk (Laying)	54.700 to 56.500	8" DIA CARBON STEEL P/L	Laying RHS	0.00 to 1.8	1.8
	Batagaon Chowk to Mangalghat Chowk (Laying)	56.500 to 61.820		Laying LHS	1.8 to 7.120	5.32
	Batagaon Chowk (crossing)	56.5		Crossing	1.8	0.042-0.060

Mangalghat Chowk To Hotel Sterling Resort(Bypass road)						
3	Mangalghat Chowk To Hotel Sterling Resort (Laying)	61.820 to 67.238	4" DIA CARBON STEEL P/L	Laying LHS	0.00 to 5.418	5.418

TOTAL						14.238
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ANADAMOY PRADHAN
Dy. General Manager (CGD Project)
GAIL GAS LIMITED
PURI (ODISHA)

14.358