

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Govt. of India) क्षेत्रीय कार्यालय : एफ-120, जनपथ, श्याम नगर, जयपुर-302019

Regional Office: F-120, Janpath, Shyam Nagar, Jaipur-302019 Tel. (O.)/ फोन: (ऑ.) 0141-2292056, 2292049

E-mail / ई-मेल : rojaipur@nhai.org Web. / वेब : www.nhai.gov.in



No.: NHAI/18013/1/2021-ROJ/Permission-Gas Pipeline/GAIL/125/NH-21, km 50.55 to 54.90/3345 Date: 22.02.2022

INVITATION OF PUBLIC COMMENTS

Proposal for grant of permission for laying Gas Pipeline of M/s. Gail Gas Ltd. along NH-21 (old NH-11) from Ch. 50.550 to 54.900 both side LHS & RHS and crossing of NH-21 at Ch. 50.556 and Sub.: Ch. 52.700 near Saras Circle Distt-Bharatpur in the state of Rajasthan - reg.

(i) M/s Gail Gas Ltd. letter no. Gail Gas/NHAI/2021/05 dt. 20.10.2021 (ii) PD, PIU-Dausa letter no 23011/20/PIU/DAU/NOC/Gail Gas/11645 dt. 17.01.2022 Ref.:

It is to inform all concern that M/s. Gail Gas Ltd. vide letter under reference (i) has submitted a Sir, proposal for the subjected work and PD, NHAI, PIU, Dausa has submitted the above proposal vide letter under reference (ii) for approval of the Competent Authority, Highway Administration.

The proposal is regarding permission for laying Gas Pipeline of M/s. Gail Gas Ltd. along NH-21 (old NH-11) from Ch. 50.550 to 54.900 both side LHS & RHS and crossing of NH-21 at Ch. 50.556 and Ch. 52.700 near Saras Circle Distt-Bharatpur in the state of Rajasthan by M/s. Gail Gas Ltd.

As per Para-4 of Ministry's Circular No. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administration 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).

In view of the above, before approval of the competent authority, the comments/objections of affected public is hereby invited with reference to the Ministry's circular dated 22.11.2016 due to laying Gas Pipeline along and across the subjected stretch. The objections/comments may be addressed to the below mentioned address upto 21.03.2022, beyond due date, no comments/objections will be accepted.

The Regional Officer, Regional Office - Jaipur National Highways Authority of India, F-120, Janpath, Shyam Nagar, Jaipur (Raj.)-302019,

Tel: 0141-2292049, 2292054 Email: rojaipur@nhai.org

This is issued with the approval of the Regional Officer, NHAI, RO, Jaipur (Rajasthan).

Yours faithfully,

(KR Chouhan) July Dy. General Manager (T)

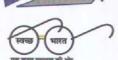
(i) Web Admn., NHAI, HQ, New Delhi - for uploading in NHAI's website [web-Copy to: admin@nhai.org]

(ii) Director, NIC, New Delhi - for uploading in Ministry's website. [mansoor@nic.in]

(iii) PD, PIU-Dausa: for information.

(iv) M/s. Gail Gas Ltd. Saras Circle, Bharatpur (Raj.): for information.





भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

No. 23011/20/PIU/DAU/NOC/Gail Gas/11645

परियोजना कार्यान्वयन इकाई, दौसा

87, गंगा विहार कोलोनी, होटल रावत पेलैस के पीछे, दौसा - 303303 (राज.)

Project Implementation Unit Dausa

87, Ganga Vihar Colony, Behind Hotel Rawat Palace, Dausa-303303 (Raj.)



दुरभाष / Phone : 01427-224918

Date: 17.01.2022

Chief General Manager (T)

Regional Officer, National Highways Authority of India F-120, Jan Path, Shyam Nagar, Jaipur.

Sub.: NOC for laying Gas pipeline along NH-21 (old NH-11) from Ch. 50.550 to Ch. 54.900 both sides LHS & RHS and crossing of NH-21 (old-11) at Ch. 50.556 and Ch. 52.700 near saras circle District Bharatpur in the state of Rajasthan-reg.

Ref.: 1. IE, letter no. 350 dated 14.12.2021

- 2. This office letter no. 23011/21/PIU/DAU/NOC/GP/10733 dated 28.10.2021
- 3. Gail Gas letter no. Gail Gas/NHAI/2021/05 dated 20.10.2021

Sir.

Kindly refer Gail Gas Ltd. letter under ref (3) vide which subject proposal was received in this office, the same was examined by the IE of the project highway and IE vide letter under ref (1) submitted that:-

- "Checklist submitted by the applicant has been Checked & verified at the site.
- 2. Applicant shall be laid 125mm dia. MDPE GAIL gas pipeline in between Ch. 50.550 to 54.900 both sides LHS & RHS and crossing of at Ch. 50.556 and ch.52.700 by HDD method.
- 3. Applicant has enclosed agreement along with the required undertaking
- 4. The Applicant has enclosed the required drawing along with the proposal.
- 5. As required the amount of License Fee works out to Rs. 2,29,220/- For Five year and Performance bank guarantee (valid for 1 year) works out to Rs.8,81,400/-.

The above-said proposal has been prepared in light of MORT&H guide line RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 vide which applicant shall be paid a license fee for use of highway land. In light of the above, the permission of lying of the Gas pipeline can be given only in the utility corridor of the Project subject to the following condition.

- 1. The pipeline should be laid at extreme edge of ROW.
- 2. The gas pipeline should not be commissioned without prior permission of NHAI.
- 3. The Applicant shall be submitted As Built drawing clearly showing the laid pipeline and its distance from centre line of highway on completion of the work to the NHAI.
- 4. The Applicant shall be completely responsible for any accident/loss of lives/public property during execution of their proposal.
- 5. The stability & structure safety of the bridge/structure embankment/road crust etc while laying the GAS pipeline shall be ensured by the concerned department.
- 6. Prior to the start of any work/ signing of agreement, GAIL should ensure & submit an undertaking that they will execute the actual work at the site after obtaining necessary clearance of Forest Department.
- 7. The concerned department will carry out the work of shifting /relocation of above GAIL Gas pipeline.

- 8. No damage to the avenue plantation shall be done during laying work. In case of damages, the applicant shall restore the same at its own cost, by replacing the plants/trees of the same age & height, and girth.
- 9. The applicant shall be responsible for any damage to cable pertaining to other telecom companies/other any company and cable pertaining to the project as well.
- 10. Fixing of Route markers may be ensured by the applicant after completion of laying work.
- 11. In case of any damages to ongoing road work due to shifting of pipeline within ROW, all costs pertaining to repair & the claims likely be raised by the independent Engineer shall be borne by the GAIL Gas."

In view of the above & based on recommendation by Independent Engineer the subject proposal is hereby recommended for issuance of NOC by Competent Authority.

Yours sincerely

Encl.: As above.

(Sahi Ram)
Project Director
NHAI, PIU-Dausa

Copy to:

- 1. Team Leader, LN Malviya (Agra-Bharatpur section) for information.
- 2. Project Manager OPAPL (Agra-Bharatpur section) for information.
- 3. Gail Gas Ltd. Saras Circle, Bharatpur.

CHECK -LIST

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

Ministry Circular No

RW/NH-33044/29/2015/S&R (R) Dated 22/11/2016

General Information: Laying Gas pipeline along NH21(old-NH-11) chainages from 50+550 km to 54+900 km both sides and two no. of crossing of NH-21 (Old NH-11) at Ch. 52+700 km & Ch. 50+556 km Saras Circle, Bharatpur state-Rajasthan.

SI. No.	Item	Information/ Status		Remarks	
1	Name and Address of the Applicant/Agency	Gail Gas Limited 32, Vijay Nagar Colony, Near Saras Circle, Bharatpur - 321001		A wholly owned subsidiary of GAIL (India) Limited (A Government of India Undertaking – A Maharatna company)	
2	National Highway Number	NH21(old-N	IH-11)		
3	State	Rajasthan			
4	Location		- bharatpur		
5	(Chainage in km)			to 54+900 km	
6	Length in Meters		rossing (11	8700 m) and 2 4m)	
7	Width of available ROW in mtr.		T = 0:	I was see .	From 30 meters
	a) Left side from center line towards	From	To Ch.	Width of ROW	to 36.75 meters
	increasing chainage/km direction	50+550	53+420	36.75	as tabulated
		53+420	54+700	30	herewith
		337420	34+700	30	
		54+700	54+900	33.25	
	b) Right side from center line towards increasing chainage/km direction	From Ch.	To Ch.	Width of ROW	From 23.25 meters to 30 meters as tabulated herewith
		50+55	53+420	23.25	
		53+42	0 54+700	30	Horewari
		54+70	0 54+900	26.75	
8	Proposal to lay underground Gas Pipeline/Electrical Cable	LHS Ch. 50+550km to Ch.54+900km RHS Ch.50+550 km to Ch54+900km (LHS length 4.35 KM) and RHS length 4.35 KM) and crossings at Ch. 52+700km and Ch. 50+556km. (57 m each crossing) totaling to 8814-meter length			
	(a) Left side from center line towards increasing chain age/km direction	With NH ROW			
	(b) Right side from center line towards increasing chain age/km direction	e towards			
9	Name of Highway Authority of NHAI/PWD/BRO	(NHAI), 87	, Ganga Viha Colony, Daus	ority of India ar Colony, a, Rajasthan.	
10	Highway Administration address		AI, PIU, Dau	(5)	

BHARATPUR

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संदीप कुमार सोनी/Sandeep Kumar Son HAI, Pi बरिष्ठ अभियन्ता (सीजीडी)/Senior Engineer (CGD) गल गैस लिमिटेड/GAIL Gas Limited ३२, बिजय नगर छोलोनी/32, Vijay Nagar Colony भरतपुर-३२९००१/Bharatpur-321001

SR. No.	14.0	MORTH Norms	Measurement Observation as per sit conditions	e Remarks
	Proposal to acquire land		No	NIA
1.1	(a) Left side from centre line		N/A	N/A
	(b) Right side from centre line		1071	
1.2	No of Lanes (2/4/6/8) existing		4	
1.3	Proposed Number of Lanes (2 lanes with paved shoulders/4/6/8 lanes)		4	12310000000
1.4	Details of already laid utility service, if any		YES	Telecom, GAIL Gas stee
1.5	If service road is existing or not if yes, then which side		YES	Both side from CH 54+800 to CH. 53+450
1	(a) Left side from centre line		YES	
	(b) Right side from centre line		YES	LHS length 1.35 km
	Proposed service road		No	RHS length 1.35 km
1.6	(a) Left side from centre line		110	
	(b) Right side from centre line			
1.7	Whether up gradation of the stretch in near future is proposed or not		No	N/A
	(a) If yes, provision of utility adversely affects the plan of upgradation	Not affect plan of up-gradation	No	N/A
1.8	Whether proposal to lay Gas pipeline is after the service road of between the service road and main carriageway	Pipeline will be laid in Utility Corridor	Within the ROW	
1.9	The permission for laying Gas pipeline shall be considered for approval/rejection based on the Ministry Circulars mentioned as above.			N/A
.10	parapet/part of the bridges, if yes, then mention the methodology	Case crossing / HDD method used for crossing location	No	
.11	If crossing of the road involved. If yes, it shall be either encased in pipes of though structure of	Perpendicular to the NH	Yes	
	(a) Existing drainage structure shall not be allowed to carry the line		Yes	
	(b) Is it on a line normal to NH		Yes	

Acverticuma (AHME) संदीप कुमार सोनी/Sandeep Kum

संदीप कुमार सोनी/Sandeep Kumar Soni बरिष्ठ अभियन्ता (सीजीडी)/Sमेह्यूष्ट्रिल्यूंग्लक् (ÇGD) गेल गैस लिमिटेड/GAII Gas Lighton बर, विकास उप

Dy. Manage Tech., NHAI, PIU-Dausa

	(c) What is the distance of crossing the sewage / gas pipeline from the existing structures? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meters	> 15 meters
	(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. Mention type of cable	HDPE casing pipe of 250 mm size
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as drainage path.	Yes
	(f) The casing/ conduit pipe 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 pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details.	1.2 meter below the surface of Road & 0.3 below the drain inverts.
	(h) Mention the methodology proposed for crossing of road for the proposed Sewage/gas pipe line. Crossing shall be by boring method [trench-less Technology], specially, where the existing road payment is of cement concrete or dense bituminous concrete type.	Crossing by Trenchless Technology HDD
	(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 waterway along it.	Yes Pezned
2	Document/ drawings to be enclosed with the proposal	Yes Old English

Acverticumas (AHME) संदीप कुमार सोनी/Sandeep Kumar Soni बरिन्ड अभियन्ता (सीजीडी/Senior Engineer (CGD) गेल गैल लिमिटेड/GAIL Gas Limited ३२, विजय नगर कॉलोनी/32, Vijay Nagar Colony भरसपुर-३२१०० %Bharatpur-321001

y. Manager (Tech., Willyr-229009/Bharatpur.

Page 3 of 9

2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2m deepX0.3m wide) (i) Should not be greater than 60 Cm wider than the outer diameter of the pipe (ii) located as close to the extreme edge of the right-of-way as possible but not less than 4 meter from the center lines of the nearest carriageway (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 (iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.		Enclosed
2.2	Cross section showing the size of pit and location of cable for HDD method	Enclosed, If applicable	Enclosed
2.3	Strip plain/ 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.	Enclosed	Enclosed
3	Methodology for laying of showing Gas pipe line.		
3.1	Open trenching method. (May be allowed in utility corridor only where payment is neither cement concrete nor dense bituminous concrete type.) If yes, what is the Methodology of refining trench		N/A
	(a) The trench width should be at least 30cm, but not more than 60 cm wider than the outer diameter of the pipe.		To med

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Dy. Mana (Tech., NHAI,) Dausa

संदीप कुमार सोनी/Sandeep Kumar Soni बरिष्ठ अभियन्ता (सीजीडी)/Senior Engineer (CGD) गेल गैस लिमिटेड/GAIL Gas Limited ३२, विजय नगर कॉलोनी/32, Vijay Nagar Colony बरतपुर-३२१०० //Bharatpur-321001

	(b) For filling of the trench, bedding. 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. Unsuitable soil and rock edged should be excavated and replaced by selected material.		
	(c) The backfill shall be completed in two stages (i) side fill to the level of the top of the pipe, (ii) overfill to the bottom of the road crust.	Extreme edge of the ROW	Extreme edge of available ROW space.
	(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 pending will not be permitted.		Yes
	(e) The road crust shall be built to the same strength as the exiting 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.		Will be ensured
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.		Will be ensured
4	Method of Laying Gas Pipeline	HDD method	HDD method for along the road and HDD for crossing works.
5	Methodology for laying gas Pipe Line through CD works and mention of laying. In cases where the carrying of gas pipe line on the bridge becomes inescapable.		NA JOSEPH DE LA CONTRACTION DE
6	Draft license Agreement signed by two witnesses	Enclosed	Enclosed

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7	Performance bank Guarantee in favour of NHAI has to be obtained as per MoRTH guidelines 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 Gas pipeline / ducts by proper filling and compaction, clearing debris/ loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/ loose earth. Performance BG as per above is to be obtained.	Yes; As per new guideline
8	Confirmation of BG has been obtained or not as per NHAI guidelines	Calculation sheet enclosed
9	Affidavit/ undertaking from the Applicant for the following is to be furnished	Yes
	(a) Not to damage other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes
	(b) For renewal of Bank Guarantee.	Enclosed
	(c) For confirming all standard condition of ministry Circulars and NHAI guidelines	Enclosed
	(d) For shifting of Gas pipe line as and when required by NHAI at their own cost	Enclosed
	(e) For shifting Gas pipe line due 4/6 lanning / widening of NH	Enclosed
	(f) For indemnity against all damages and claims clause (xxiv)	Enclosed
	(g) For traffic movement during laying of Gas pipe line to be managed by the applicant.	Enclosed
	(h) If any claim is raised by the Concessionaire then the same has to be paid by the applicant.	Enclosed
10.	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Gas pipe line/any other utility located in the national highway right- ofways.	To be obtained

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Page 6 of 9

सद्योग सानी/Sandeep Kumar Soni
बरिड अभियन्ता (सीनीडी)/Senior Engineer (CGD)
गेल गैस लिमिटेड/GAIL Gas Limited
वर, विजय नगर कॉलोनी/32, Vijay Nagar Colony
अरतपुर-३२१००५/Rharstour 2 Page 6 of 9

11	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Gas pipe line will be borne by the applicant agency owning the line.	Enclosed
12	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	Noted
13	Certificate from the applicant in the following format i. Laying of Gas pipe line will not have any deleterious effects on any of the bridge components and road way safety for traffic. ii. "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 4/6 lanning or any other development"	Yes; Enclosed
14	Who will sign the agreement on behalf of gas pipe line agency.	Sandeep Kumar Soni
15	Power of attorney to sign the agreement is available or not	Yes
16	The project Director/Executive Engineers, will submit the following Certificates	
17	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 11.5.1982. (ii) RW/NH-11037/1/86/DOI dated 19.1.1995 and (iv) RW/NH-34066/2/95 S&R dated 25.10.1999 and (v) RW/NH-34066/7/2003 S&R (B) dated 17.9.2003	Draft Enclosed

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1.8	Certificate from XEN/PD in the following format i. "It is certified that any other location of the Gas pipe line would be extremely difficult and unreasonable costly and the installation of gas pipe line 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"	Draft Enclosed
1-9	ii. for 6-lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning 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 six-lanning".	Draft Enclosed
20	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 to lay Gas pipeline/Cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for upgradation of [from 186.890 km to 218.789 km] Section along NH No. 16 on Build, Operate and Transfer Basis and therefore, the licensee shall honor the same."	Yes
	Who will supervise the work of laying of Gas pipe line	
21	(a) On behalf of applicant.	GAIL Gas Limited
	(b) On behalf on NHAI	Person deputed by PD
22	Who will ensure that the defects in road portion after laying of Water/Gas supply pipe line are corrected and if not corrected then what action will be taken.	(Tomed)

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संदीप कुमार साना/Sandeep Jumar Son Page 8 of 9

संदीप कुमार साना/Sandeep Jumar Son Page 8 of 9

बिरुक अभियता (सीजीडी)/Senior Engineer (CGD)

केल भिस्र लिमिटेड/GAIL Gas Limited

अभिया मगर कालोन/32, Vijay Nagar Colony

NHAI, PIU-Daus अपुर-३२१०० УВ haratpur-321001

	(a) On behalf of applicant.	GAIL Gas Limited
	(b) On behalf on NHAI	Person deputed by PD
23	Who will pay the claims for damages done/ disruption in working of concessionaire if asked by the Concessionaire	
	On behalf of applicant.	GAIL Gas Limited
24	A certificate from Project Director / Executive Engineer that he will enter the proposed permission in the register of records of the permissions in the prescribed perform (copy enclosed).	Enclosed
25	If any previous approval is accorded for laying of underground water / petroleum / gas supply pipe line, then photocopy of register of records of permissions accorded as maintained by Project Director / Executive Engineer then copy be enclosed	Nil

The right of the way (ROW) of the National Highway available at the proposed location from the center line of divided carriageway is 30m to 36.75m in LHS side of increasing chainage and 23.25m to 30m in RHS side of increasing chainage from center of ROW to edge of either side 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.

Name designations & Signature of the

Authorized representative and early sand कुमार सीनी Sand early sa

Project Director

Name designation & Psignature of the

Concerned field authority of NHAI PWD/BRO

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Dy. Manager (Tech.)
NHAI, PIU-Dausa

Page 9 of 9