



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

क्षेत्रीय कार्यालय-पश्चिम उ०प्र०, लखनऊ Regional Office - West UP, Lucknow.

3/248, विशाल खण्ड, गोमती नगर, लखनऊ-226010 (उ.प्र.)

3/248, Vishal Khand, Gomti Nagar, Lucknow-226010 (UP)

दूरभाष / Phone : 0522-4960291, टेलीफैक्स / Fax : 0522-4950680

ई-मेल / E-mail : rowestup@nhai.org, rowestup@gmail.com



19001/1/RO-W-UP/NH-2/UG/Ch.15.520 to 15.920/NOC/1437

Date: 27.06.2022

Invitation of Public Comments

Sub: Permission for laying of Carbon Steel underground Gas Pipe line across/parallel to NH for providing connectivity to Sanjeev Kumar Yadav CNG Station along NH-19 near Sandalpur, Makkhanpur, District Firozabad (from Ch.15.920 to Ch.15.520 km) in the State of Uttar Pradesh.

The Authorized Signatory M/s GAIL Gas Ltd. has submitted the proposal for laying of Carbon Steel underground Gas Pipe line across/parallel to NH for providing connectivity to Sanjeev Kumar Yadav CNG Station along NH-19 near Sandalpur, Makkhanpur, District Firozabad (from Ch.15.920 to Ch.15.520 km) in the State of Uttar Pradesh.

2. As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016, the application 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).

3. In view of the above, comments of the public on the above application is invited to the below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

The Chief General Manager cum Regional Officer,
National Highways Authority of India
Regional Office, UP-West, Lucknow
3/248, Vishal Khand, Gomti Nagar
Lucknow-226 010

This is issues with the approval of RO-West (UP).

Encl: As above.

(Handwritten signature)
27/6/22

(N.P. Singh)

DGM (T)

For RO-West, UP

Copy to:

1. Web Admin, NHAI-HQ- with request for uploading on the NHAI website.
2. The Technical Director, NIC, Transport Bhawan, New Delhi- with request for uploading on the Ministry's website.
3. The Authorized Signatory, M/s Gail Gas Ltd., Firozabad for information.
4. The PD, PIU-Agra for information.

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 NH19 chainages from 15+920 km to 15+520 km Sandalpur, Makkhanpur, District Firozabad in the state of Uttar Pradesh

Sl. No.	Item	Information/ Status			Remarks
1	Name and Address of the Applicant/Agency	Gail Gas Limited Raja KaTaal, Firozabad,283203,Uttar Pradesh			A wholly owned subsidiary of GAIL (India) Limited (A Government of India Undertaking – A Maharatna company)
2	National Highway Number	NH19			
3	State	Uttar Pradesh			
4	Location	Sandalpur,Makkhanpur, Firozabad			
5	(Chainage in km)	NH-19,CH-15+920 km to CH-15+520 km			
6	Length in Meters	400meters			
7	Width of available ROW in mtr.				
	Left side from center line towards decreasing chainage/km direction	From Ch.	To Ch.	Width of ROW	
		15+920	15+520	30	
8	Proposal to lay underground Gas Pipeline	LHS Ch.15+920km to Ch.15+520km			
	Left side from center line towards decreasing chain age/km direction	With NH ROW			
9	Name of Highway Authority of NHAI/PWD/BRO	National Highway Authority of India (NHAI),A-208, Phool Vatika, Kamla Nagar, Agra, Uttar Pradesh 282004			
10	Highway Administration address	NHAI, A-208, Phool Vatika, Kamla Nagar, Agra, Uttar Pradesh 282004			

Site Engineer

राजेश वर्मा/Rajesh Verma
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/
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1.5	If service road is existing or not if yes, then which side		NO	
	(a) Left side from centre line		NO	
	(b) Right side from centre line		NO	
1.6	Proposed service road		No	
	(a) Left side from centre line			
	(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 up-gradation	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
1.10	Whether carrying of sewage/gas pipe line has been proposed on the parapet/part of the bridges, if yes, then mention the methodology proposed for the same.	HDD method used for along location	No	
1.11	If crossing of the road involved. If yes, it shall be either encased in pipes of tough structure of conduits specially built for that purpose at the expenses of the agency owing the line	Parallel 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	
	(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			
	(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		STEEL casing pipe of 101.6 mm size	




14/04/22

	(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.	along by HDD Method	
	(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	
2	Document/ drawings to be enclosed with the proposal	Yes	
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		


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 Project Implementation Unit-Agra




 14/04/22


 संजय वर्मा / Sanjay Verma
 परियोजना निदेशक/Project Director
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/
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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.			
	(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	

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प्रोजेक्ट डायरेक्टर/Sanjay Verma

परियोजना निदेशक/Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/

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	(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 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	
6	Draft license Agreement signed by two witnesses	Enclosed	Enclosed	
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	

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	(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- of- ways.	To be obtained	
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.	Raj Chandrakant Joshi	
15	Power of attorney to sign the agreement is available or not	Yes	

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Raj

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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	
18	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	
19	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	




Sanjay Verma
 संजय वर्मा Sanjay Verma
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[Signature]



[Signature]
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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	
21	Who will supervise the work of laying of Gas pipe line			
	(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.			
	(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	



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 संजय वर्मा/Sanjay Verma
 परियोजना निदेशक/Project Director
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/
 National Highways Authority of India
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LHW 36(m)

The right of the way (ROW) of the National Highway available at the proposed location from the center line of divided carriageway is ~~14.5 m~~ to 32 m in LHS side of decreasing 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 of applicant

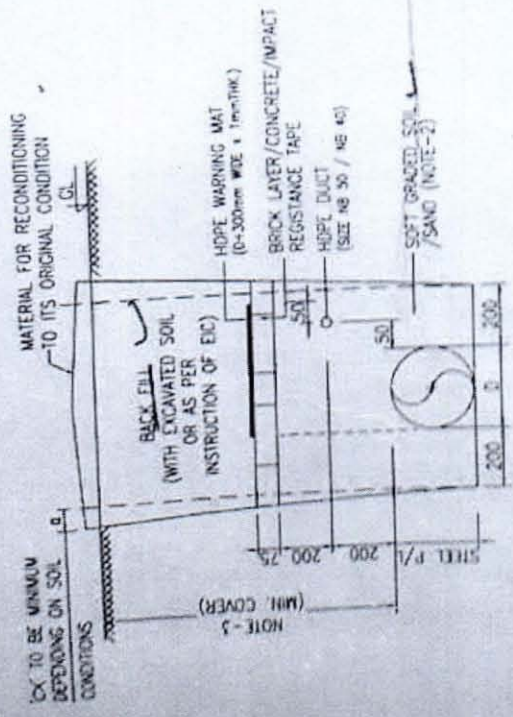

Site Engineer
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Name designations & Signature of the
Concerned field authority of NHAI

संजय वर्मा/Sanjay Verma
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/
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3

TRENCH CROSS-SECTION FOR CITY CONDITION
(FOR SOFT SOIL TRENCH BOTTOM)

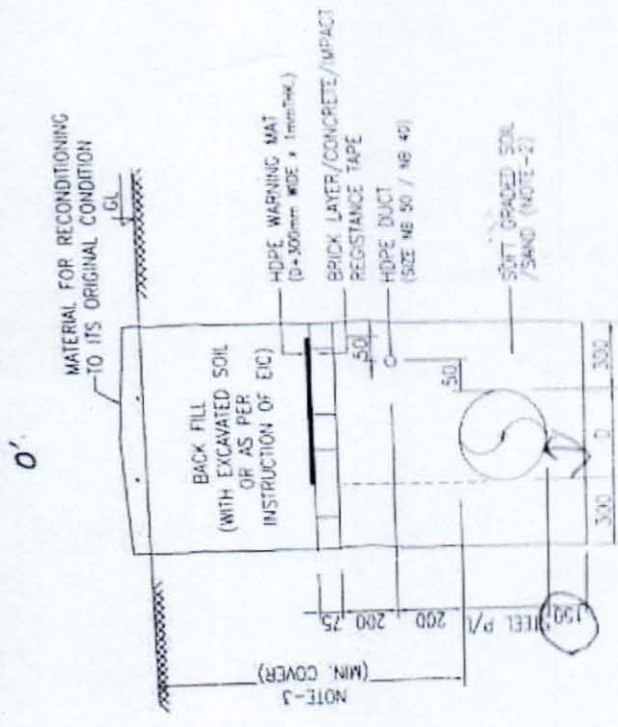


(Open trench method only)



NOTES -
1. ALL DIMENSIONS ARE IN MM.
2. FILLING SHALL BE DONE ONLY AFTER CONSULTING WITH THE SOIL QUALITY
3. REFERENCE SHALL BE MADE TO THE CITY SANITATION DEPARTMENT

TRENCH CROSS-SECTION FOR CITY CONDITION
(FOR ROCKY/HARD SOIL TRENCH BOTTOM)

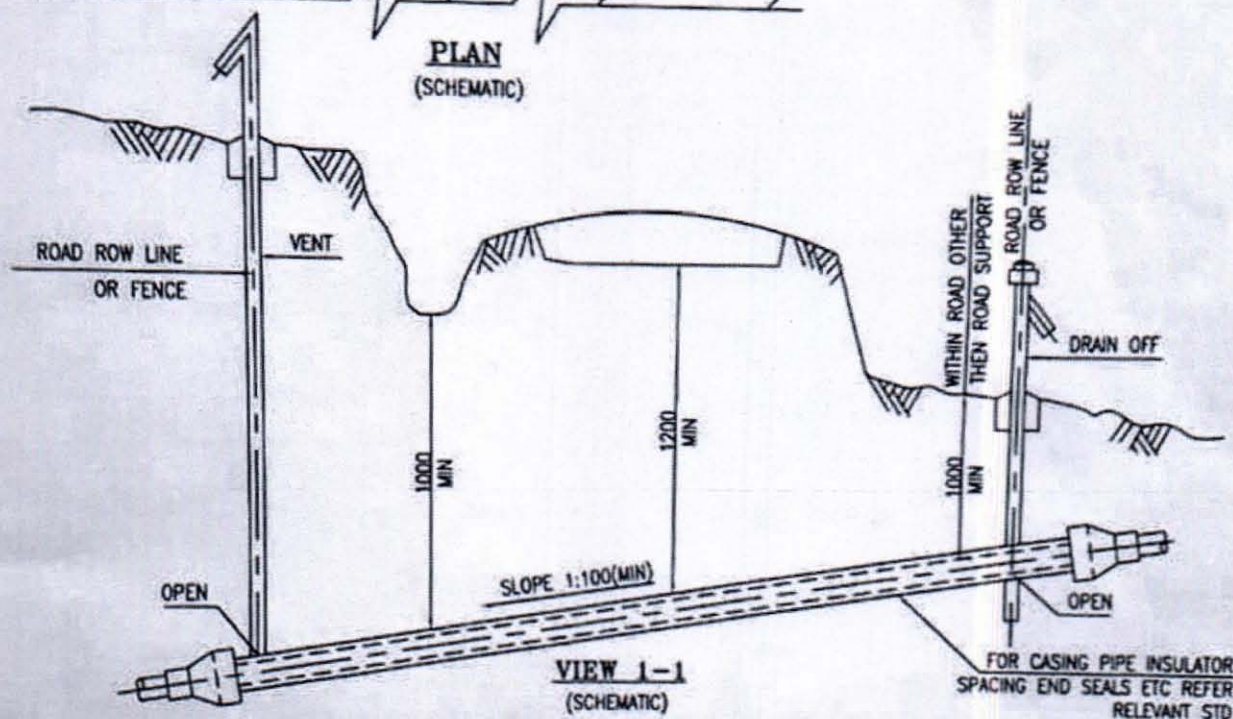



FOR TENDER PURPOSE



MINISTRY OF URBAN DEVELOPMENT AND PLANNING

Sl. No.	Particulars	Quantity	Unit	Rate	Total
1	Excavation				
2	Backfill				
3	Reconditioning				
4	Warning Mat				
5	Brick Layer/Concrete/Impact Resistance Tape				
6	HDPE Duct				
7	Soil Graded Soil / Sand				
8	Other				
9	Total				



REV NO		DATE	ZONE	DESCRIPTIONS		BY	APPRD	REFERENCES		DRG. NO.			
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SECTION: (OIL & GAS) (L.D.P.)				PIPELINE ROAD/ HIGHWAY CASED CROSSING						मेकॉन लिमिटेड			
NAME		DATE	CHKD							DATE	MECON LIMITED		
DIGN	SS		SK						SCALE : NTS		(SHEET 1 OF 1)		REV
DRVN	SUNIL								DRG. NO. NEC/TYP/05/21/05/001				0
APPROVED (A.K. JKHRI)													