



सत्यमेव जयते

# 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 /km.203.595-206.757/UG/NOC/1649

Date:04.10.2022

### Invitation of Public Comments

**Sub:** New proposal for permission for laying 8" CS pipeline laying along LHS of NH-19 from 100 ft. road Kalindi Vihar Turn to Mahaveer Dhaba from Ch.203.595 to Ch.206.757 (LHS) and 02 nos. of Crossing at Ch.206.237 & 206.757 LHS to RHS at NH-19 - reg.

The Authorized Signatory M/s Green Gas Limited, Agra has submitted the New proposal for permission for laying 8" CS pipeline laying along LHS of NH-19 from 100 ft. road Kalindi Vihar Turn to Mahaveer Dhaba from Ch.203.595 to Ch.206.757 (LHS) and 02 nos. of Crossing at Ch.206.237 & 206.757 LHS to RHS at NH-19 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.

*(N.R. Singh)*  
26/10/2022

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 Green Gas Limited, Agra for information.
4. The PD, PIU-Agra for information.



## CHECK - LIST

Check list for Project Directors for processing Proposal for Laying of Green Gas Ltd. (Natural Gas) pipeline 8" CS pipeline for CGD Network through HDD along the NH-19 from 100 feet Road Kalindi Vihar Turns to Mahaveer Dhaba, Uttar Pradesh, for Approx. 3.162 Km (From Ch.- 203+595 to Ch.- 206+757) LHS and 2 No. of crossing at ch. 206.237 & ch. 206.757 LHS to RHS at NH-19 in the land along national Highways vested with NHAI.

Relevant Circulars of Ministry of Road Transport and Highways

- 1) Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976
- 2) Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982
- 3) Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993
- 4) Ministry Circular No. RW/NH-11037/1/86-DOI dated 19.1.1995
- 5) Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999
- 6) Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003

The permission for laying of Gas Pipeline shall be considered for approval/rejection based on the Ministry Circulars mentioned as above.

- a) Carrying of swage/gas pipelines on highway Bridges shall not be permitted as Fumes/gases from pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water.
- b) Services are not being allowed indiscriminately on the parapet/any part of the bridges. Safety of the bridges has to be view while permitting various services along bridge.

Checklist for getting approval for laying Gas Pipe Line on NHAI land

Proposal for Laying of Green Gas Ltd. (Natural Gas) pipeline 8" CS pipeline for CGD Network through HDD along the NH-19 from 100 feet Road Kalindi Vihar Turns to Mahaveer Dhaba, Uttar Pradesh, for Approx. 3.162 Km (From Ch.- 203+595 to Ch.- 206+757) LHS and 2 No. of crossing at ch. 206.237 & ch. 206.757 LHS to RHS at NH-19.

S. No.	Item	Information/Status by Officer-In-Charge, Green Gas Ltd.	Remarks By Project Director, NHAI (P.I.U.)
1	General Information		
1.1	Name and Address of the Applicant/ Agency	Manager (P-O&M), Green Gas Ltd. (A joint venture of GAIL & IOCL), 2 <sup>nd</sup> Floor Jeevan Prakash Building, Sanjay Place, Agra	Project Director NHAI, Agra
1.2	National Highway number	NH-19	NH-19
1.3	State	Uttar Pradesh	Uttar Pradesh

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1.4	Location	100 feet Road Kalindi Vihar Turns to Mahaveer Dhaba - Agra, NH-2 (new NH No 19)	100 feet Road Kalindi Vihar Turns to Mahaveer Dhaba - Agra, NH-2 (new NH No 19)
1.5	(Chainage in KM)	Along the NH Ch.- 203+595 to Ch.- 206+757	Along the NH Ch.- 203+595 to Ch.- 206+757
1.6	Length in Meters	3162.00 Mtrs	3162.00 Mtrs
1.7	Width of available ROW		
	(a) Left side from center line towards increasing Chainage/ Km	Existing Row-25.00 to 30.00 mt. from center of both side	Existing Row-25.00 to 30.00 mt. from center of both side
	(b) Right side from center line towards increasing Chainage/ km	Existing Row-25.00 to 30.00 mt. from center of both side	N.A.
1.8	Proposal to lay underground Gas Pipe Line		
	(a) Left side from center line towards increasing Chainage/km	Along the NH Ch.- 203+595 to Ch.- 206+757	
	(b) Right side from center line towards increasing Chainage/ km		
1.9	Proposal to acquire land		
	(a) Left side from center line	-	-
	(b) Right side from center line	-	-
1.10	Whether proposal is in the same side where land is not to be acquired	NA	NA
	If not then where to lay the Gas Pipe Line	NA	NA
1.11	Details of already laid services, if any,	(i) Under Ground	



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	along the proposed route	Telephone lines	
1.12	Number of lanes (2/4/6/8 lanes) existing	6 Lane	6 Lane
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)		
1.14	Service road existing or not	yes	yes
	If yes than which side		
	(a) Left side from center line	Yes	-Yes
	(b) Right side from center line	Yes	Yes
1.15	Proposed Service road		
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay Gas Pipe Line is after the service road or between the service road and main carriageway	Yes on the Utility Corridor	
1.17	The permission for laying of Gas Pipe Line shall be considered for approval / rejection based on the Ministry Circulars mentioned as above.		
	(a) Carrying of Gas pipe lines 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.	The proposed pipeline is 3 layer poly ethylene coated to protect from any corrosion of laid network and also inform that all laid network shall be protected by CP system to protect from corrosion.	Not applicable
	(b) Carrying of Gas pipe lines on bridges shall also be discouraged. However. If the Gas supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design	Not applicable since proposed Gas pipe will not be over any bridge	Not applicable



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	of the bridge is finalized, they may be permitted to carry the Gas line on independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repairs, etc.		
	(c) Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency-in charge of the utilities.	Not required	Not applicable
	(d) 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. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only.	Not Applicable	Not applicable
1.18	If crossing of the road involved  If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	Yes	Yes
	(a) Existing drainage structures shall not be allowed to carry the Gas lines.	Not applicable	Not applicable
	(b) It is on a line normal to NH	Not applicable	No
	(c) Crossing shall not be too near the existing structures on the national Highway, the minimum distance being 15 meter. What is the distance from the existing structures?	N.A.	N.A.
	(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.	With Steel Casing of Size 250 mm	
	(e) Ends of the casing/ conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Agreed	



Project Implementation Unit-Agra  
National Highways Authority of India

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Director  
National Highways Authority of India



	to being at least 0.3 m below the drain inverts.		
	(h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	By HDD Method	Methodology enclosed.
	(i) The casing/ conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the information of a waterway along it.	Not applicable	Not applicable
2	Document/ Drawings enclosed with the proposal		
2.1	Cross Section showing the size of trench for open trenching method (is it normal size of 1.2 m deep X 0.3 wide)	N.A	N.A
	(i) Should not be greater than 60 Cm wider than the outer diameter of the pipe.	N.A	
	(ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the center lines of the nearest carriageway.	N.A	N.A
	(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.	NH-19 in this stretch is not in cutting	Not applicable
	(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.	Top of Gas Pipe Line shall be 3.00 Lm below level of Service Road	Top of Gas pipe line 3.00 Lm below level Service road
2.2	Cross Section showing the size of pit and location of cable for HDD method	3 mtrs length + .8 mtrs width	3 mtrs length + .8 mtrs width
2.3	Strip plan/ route plan showing Gas Pipe Line, Chainage, width of ROW, distance of proposed, Gas line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Attached	Attached
2.4	Methodology for laying of showing Gas Pipe Line.	Enclosed	Enclosed
2.4.1	Open Trenching method. (May be	N.A	



N.A  
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	allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, methodology of refilling of trench.		
	(a) The trench width should be at least 30 cm. but not more than 60 cm wider than the outer diameter of the pipe.	Width of Trench for placing 8" CS Gas pipeline	-do-
	(b) For filling of the trench, 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.	No bedding is required, pipe shall be placed on the trench bed and trench shall be back filled by soft soil up to 300 mm from top of pipe surface.	No bedding is required, pipe shall be placed on the trench bed and trench shall be back filled by soft soil up to 300 mm from top of pipe surface.
	Unsuitable soil and rock edged should be excavated and replaced by selected material	Unsuitable soil and rock edge will be removed before commencing trench filling	-do-
	(c) The backfill shall be completed in two stages (i) side fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Backfill shall be done as per specification	-do-
	(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 ponding will not be permitted.	Side fill shall be compacted to 98% Density as existing as per Specifications	-do-
	(e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	Yes	-do-
	(f) The excavation shall be protected by flagmen, signs and barricages, and red lights during night hours.	All protective measures shall be taken	





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	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Yes	Not allowed
2.4.2	Horizontal Directional Drilling (HDD) method	Applicable	Applicable
2.4.3	Laying of Gas Supply Pipe Line through CD works and method of laying.	Not applicable	Not applicable
	(a) On approaches, the Gas mains shall be carried along a line as close to the edge of the right-of way as possible upto a distance of 30 m from the bridge and subject to all other stipulations contained in this Ministry's guide lined issued with letter no. NH-HI/P/66/76 dated 19.11.1976	Not applicable	Not applicable
3	Draft License Agreement signed by two witnesses	Yes	Yes
4	Performance bank Guarantees in favour of NHAH has to be obtained @ Rs. 100/- per running meter (parallel to NH) and Rs. 1,00,000/- per crossing of NH ,for a period of one year initially (extendable if required till satisfactory completion of work) as a security	Bank Guarantee would be submitted	
	for ensuring / making good the excavated trench for laying the Gas pipe line/ ducts by proper filling and compaction, clearing debris/ loose earth produced due to execution of trenching at least 50 m away from the edge of the right of way. No payment shall be payable by the NHAH to the licensee for clearing debris/ loose earth.		
4.1	Performance BG as per above is to be obtained.	Not Yet Submitted	Not yet provided
4.2	Confirmation of BG has been obtained as per NHAH guidelines.	Bank Guarantee will be submitted before signing of agreement.	Not yet Received
5	Affidavit/ Undertaking from the	Affidavit/ undertaking Provided/attached	Affidavit/ undertaking




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	Applicant		Received
5.1	Not to Damage to other Utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes	Yes
5.2	Renewal of Bank Guarantees.	BG shall be renewed	Yes
5.3	Confirming all standard condition of NHAI's guideline	Confirmed all standard condition of NHAI guide line shall be meet	Yes
5.4	Shifting of Water Supply pipe line as and when required by NHAI at their own cost.	Confirmed	Yes
5.5	Shifting due of 4 Laning/widening of NH	Confirmed	Yes
5.6	Indemnity against all damages and claims clause(xxiv)	Submitted	Submitted
5.7	Traffic movement during laying of Gas Pipe Line to be managed by the applicant.	Confirmed	
5.8	If any clamim is raised by the Concessionaire, then the same has to be paid by the applicant.	Claim will be paid by Green Gas Ltd.	
5.9	Prior approval of 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-way.	Confirmed	
5.10	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 agency owning the line.	NHAI expenditure shall be borne by Green Gas Ltd.	
5.11	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	NHAI expenditure shall be borne by Green Gas Ltd.	


  
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	by the NHAI at the cost of the agency owning the utility line withing a reasonable time (not exceeding 60 days) of the intimation given		
	Certificate from the applicant in the following format.	Certificate of Green Gas Ltd. Covering these commitments Submitted.	
	i) Laying of Gas Pipe Line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	Not applicable	Not applicable
	ii) For 6 laning "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as well be stipulated by NHAI for future six-laning or any other development".	Not applicable	Not applicable
6	Who will sign the agreement on behalf of gas supply pipe line agency	Assistant Manager (Projects), Green Gas Ltd, Agra	Project Director, NHAI (PIU), Faridabad.
7	Certificate from Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86-DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003		Yes
7.2	Certificate from Project Director in the following format.		Certificate attached
	(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	Submitted	Certificate attached



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	(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 etc"	Submitted	Certificate attached
	(ii) For 6- laning  (a) Where feasibility is available "I do certify that there will be no hindrance to proposed Six-laning based on the feasibility report considering proposed structures at the said location"	Existing NH-19	
	(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning."		
8	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	Clause inserted in agreement that licensee shall honor the NHAI's concession agreement	
	lay Gas Pipe Line has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [this section from Km. 199.660 to Km 250.500 of NH No. 2 on Build, Operate and Transfer Basis] and therefore, the licensee shall honor the same."		
9	Who will supervise the work of laying of Gas Pipe Line. (a) On behalf of applicant (b) On behalf of NHAI	(a) Manager (P -O&M)	(b) Manager (Tech.), NHAI(PIU), Agra.
10	Who will ensure that the defects in road portion after laying of Gas Pipe Line, are corrected and if not corrected then what action will be taken. (a) On behalf of the applicant (b) On behalf of NHAI	(a) Manager (P-O&M) Green Gas Ltd, will ensure to rectify defects	(b) Manager (Tech.), NHAI(PIU), Agra.

Signature of [Name] dated 13/05/2011



Signature of RAJEEV TRIPATHI  
MANAGER (P.O & M)  
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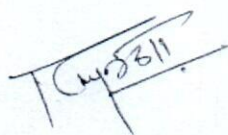
Stamp: Director, NHAI(PIU), Agra. National Highways Authority of India



11	Who will pay the claims for damages done/ disruption in working of Concessionaire? If asked by the Concessionaire. (a) On behalf of Applicant (b) To whom the claim payable	(a) Manager (P-O&M), Green Gas Ltd, Agra	(b) Project Director, NHAI(P.I.U.),Agra.
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed).	Enclosed	Details of permission shall be recorded in the Record of Permission with NHAI (PIU)
13	If any previous approval is accorded for laying of underground Gas Pipe Line then Photocopy of register of records of permissions accorded as maintained by Project Director then copy be enclosed.	N.A	N.A

Additional Information by Green Gas Ltd.


- I. In this Gas Pipe Line, no Water/Gas line is coming.
- II. Minimum distance of 300 mm from existing Water pipe line and sewer pipe line shall be maintained by Green Gas Ltd.
- III. In case of any damage to the road occurred, the road shall be constructed within 30 days by Green Gas Ltd as per the Specifications of NHAI.


  
Rajeev Tripathi  
Manager (P-O&M)  
Green Gas Ltd.

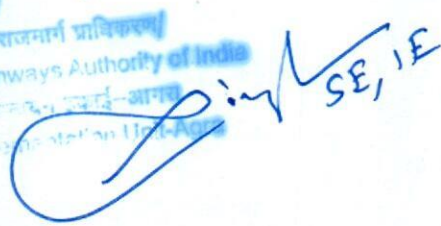
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2<sup>nd</sup> Floor, Jeevan Prakash Building, Sanjay Place, Agra, UP, 282002

  
Signature of Project Director

  
Site Engineer  
National Highways Authority of India  
Project Implementation Unit-Agra

  
SE, IE



  
Dy. Manager (Tech)  
National Highways Authority of India  
Project Implementation Unit-Agra