

Government of India

Ministry of Road Transport & Highways
(Chief Engineer - Regional Office, Lucknow)

N.H. Bhawan, Biotech Chowk, Lucknow Ring Road, Vikas Nagar, Lucknow - 226 022
Ph.: (0522) - 2967112, 2738226 (Tele-Fax)

Date: 09.02.2021

Invitation of public comments

Sub.: Proposal for NOC permission for laying of approx 3.0 km, 8" dia. steel pipe line on NH-330 (96) at Km. 114.00 to 117.00 (Ayodhya - Sultanpur Road) through open cut trench method - Public comments-Reg.

1. M//s Green Gas Ltd. has submitted the proposal for laying of underground steel gas pipeline from Km. 114.00 to Km. 117.00 (LHS) towards sultanpur on NH-330 (old NH - 96), to the Executive Engineer, Ty. Div. PWD (NH), Sultanpur. In the submitted proposal, it is noted that the proposed gas pipeline shall be laid using open cut trench method.

2. The above proposal has been examined in this office in light of Ministry's guidelines issued vide OM No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016. 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 (checklist enclosed) is invited to the below mentioned address:

The Chief Engineer - Regional Officer,
Ministry of Road Transport & Highways,
N.H. Bhawan, Biotech Chowk, Lucknow Ring Road,
Vikas Nagar, Lucknow - 226 022.

Encl.: As above.

Yours faithfully,


(Raj Kumar)
Assistant Executive Engineer
for Chief Engineer - Regional Officer

Copy to:

- (i) NIC, New Delhi - for uploading on the Ministry's website.
- (ii) The Executive Engineer, Ty. NH Div., PWD, Sultanpur


(Raj Kumar)
Assistant Executive Engineer
for Chief Engineer - Regional Officer

CHECK –LIST

Guidelines for Project Directors for processing the proposal for laying of Gas Pipe line in the land along National Highways vested with NH-PWD.

Relevant circulars of Ministry of Road Transport and Highways

- 1) Circular No. NH-III/P/66/76 dated 18/19.11.1976
- 2) Circular No. RW/NH-III/P/66/76 dated 11.5.1982
- 3) Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993
- 4) Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995
- 5) Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999
- 6) Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003
- 7) 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 laying of Gas Pipe Line 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 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 kept in view while permitting various services along bridge.

S. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	Green Gas Ltd. Fortuna Tower, 2 nd Floor, 10 Rana Pratap Marg, Lucknow-226001	
1.2	National Highway Number	(NH-330)	
1.3	State	Uttar Pradesh	
1.4	Location	(NH-330)	
1.5	(Chainage No)	Ch. No 114km to 117km	
1.6	Length in Meters	3000 meters (approx.)	
1.7	Width of available ROW	Yes	
	(a) Left side from center line towards increasing chainage / km direction.	15 meters	
	(b) Right side from center line towards increasing chainage/ km direction	15 meters	
1.8	Proposal to lay underground Pipeline	Yes	
	(a) left side from center line towards increasing chainage/ km direction	Not applicable	

(A. K. Mishra)
Asst. Engineer,
T. & D. Div., P.W.D.,
Lucknow

(Vijay Kumar Singh)
Manager (P, O&M)
GREEN GAS LIMITED
(A JV of GAIL & IOCL)
Lucknow

(C. S. Jais)
Executive Engineer,
T. & D. Div., P.W.D.,
Lucknow

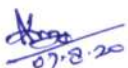
	(b) Right side from center line towards increasing chainage/ km direction	Ch. No 114km to 117km	
1.9	Proposal to acquire land		
	(a) Left side from center line	Not applicable	
	(b) Right side from center line	Not applicable	
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	
	If not then where to lay the cable		
1.11	Details of already laid services, if any, along the Proposed route	No	
1.12	Number of existing lanes (2/4 / 6/8 lanes)	2 Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/ 6/8 lanes)	Not applicable	
1.14	Service road existing or not	No	
	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service road		
	(a) Left side from center line		
	(b) Right side form center line		
1.16	Whether proposal to lay Gas Pipe Line is after the service road or between the service road and main carriageway		Proposal is for laying Gas Pipeline along Carriage way on Kucha Portion
1.17	Whether carrying of sewage / gas pipeline has been proposed on highway Bridges. If Yes. Then mention the methodology proposed for the same.	No	N/A
1.18	Whether carrying sewage / gas pipeline has been proposed on the parapet/any part of the Bridges. If Yes, then mention the methodology proposed for the same.	No	N/A
1.19	If crossings 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.	No	
	(a) Whether existing drainage structures are allowed to carry sewage /gas pipeline		
	(b) is it on a line normal to NH		
	(c) What is the distance of crossing the sewage/gas pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 Meter.		C.S'

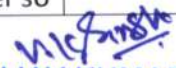
87.3.20
A. K. Mishra
Asst. Engineer
T. P. S. W. D.
Sultampur


Vijay Singh
VIJAY KUMAR SINGH
Manager (P, O&M)
GREEN GAS LIMITED
(A JV of GAIL & IOCL)
Lucknow

Mr. J. Singh
Asst. Engineer
T. P. S. W. D.
Sultampur


	(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 casing.		
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.		
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.		
	(g) The top of the casing/conduit pipe should be at least 3 meter below the surface of the road subject to being at least 0.5 m below the drain inverts. Mention the proposed details.		
	(h) Mention the methodology proposed for crossing of road for the proposed Sewage/ gas pipe line. Crossing shall be by boring method (HDD) [Trenchless Technology], specially where the existing road pavement is of cement concrete or dense bituminous concrete type.		
	(i) The casing/conduit pipe shall be installed with and even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.		
2	Document / Drawings to be enclosed with the proposal	Drawings Attached	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.5 deep X 0.600 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 15 meter from the centre-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	Cross-section drawing attached as Annexure-I	



 (A.K. Mishra)
 Assistant Engineer
 P.W.D.
 Sultanpur


 VIJAY KUMAR SINGH
 Manager (P, O&M)
 GREEN GAS LIMITED
 (A JV of GAIL & IOCL)
 Lucknow


 Division Engineer
 P.W.D.
 Sultanpur (U.P.)
 J.E.D.

	as not to obstruct drainage of the road land.		
2.2	Cross section showing the size of pit and location of pipe for HDD method	Not applicable	
2.3	Strip plan/ route Plan showing Gas pipe line, Chainage, width of Row, distance of proposed Gas pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	attached as Annexure-II	Site Survey Drawings are enclosed
2.4	Methodology for laying of Gas pipe line.	Methodology attached	
2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If Yes, what is the Methodology of refilling of trench	attached as Annexure-III	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Yes	
	(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. Unsuitable soil and rock edged should be excavated and replaced by selected material.	Yes	
	(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.	Yes	
	(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 pounding will not be permitted.	Yes	
	(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.	N/A	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Yes	C.S.


 (A.K. Mishra)
 Assistant Engineer
 Division (N.H.), P.W.D.,
 Lucknow


 VIJAY KUMAR SINGH
 Manager (P, O&M)
 GREEN GAS LIMITED
 (A JV of GAIL & IOCL)
 Lucknow


 Subodh Kumar
 Executive Engineer
 Division (N.H.), P.W.D.,
 Lucknow

	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	N/A	
2.4.2	Horizontal Directional Drilling (HDD) Method	No	
2.4.3	Methodology for laying of Gas Pipe Line Through CD works and method of laying. In cases where the carrying of gas pipe line on the bridge becomes inescapable.	Methodology attached	
3	Draft License Agreement signed by two witnesses	Enclosed Annexure-IV as	On Rs. 100 Non Judiciary Stamp Paper
4	Performance Bank Guarantee in favor of NH-PWD has to be obtained @ Rs 100/-per running meter as a security for ensuring/making good the excavated trench for laying the Gas pipe line/ducts by proper filling and compaction, clearing debris/lose 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 NH-PWD to the licensee for clearing debris/loose earth. Performance BG as per above is to be obtained.	Enclosed Annexure-V as	
5	Affidavit / Undertaking from the Applicant for the following is to be furnished		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NH-PWD or to the concerned agency.	Enclosed Annexure-VI as	
5.2	For Renewal of Bank Guarantee.	Undertaking Enclosed	
5.3	For Confirming all standard condition of Ministry Circulars and NH-PWD's guideline.	Undertaking Enclosed	
5.4	For Shifting of Gas pipe line as and when required by NH-PWD at their own cost	Undertaking Enclosed	
5.5	For Shifting of Gas pipe line due to 6 lanning / widening of NH	Undertaking Enclosed	
5.6	For Indemnity against all damages and claims	Undertaking Enclosed	
5.7	For Traffic movement during laying of Gas pipe line to be managed by the applicant.	Undertaking Enclosed	
5.8	If any claim is raised by the Concessionaire, then the same has to be paid by the applicant.	Undertaking Enclosed	
5.9	Prior approval of the NH-PWD shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Gas pipe line/any other utility located	Undertaking Enclosed	

(A.K. Mishra)
 Assistant Engineer
 Dy. Commr. P.W.D.
 Sultanpur

Vijay Kumar Singh
VIJAY KUMAR SINGH
 Manager (P, O&M)
GREEN GAS LIMITED
 (A JV of GAIL & IOCL)
 Lucknow

C.S.
Mue
 Executive Engineer
 Dy. Commr. P.W.D.
 Sultanpur, (U.P.)
Tushar
02/10

	in the National highway right-of ways.		
5.10	Expenditure, if any, incurred by NH-PWD 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.	Undertaking Enclosed	
5.11	If the NH-PWD 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 NH-PWD at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days (of the intimation given.	Undertaking Enclosed	
5.12	Certificate from the applicant in the following format (i) <i>Laying of Gas pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</i> (ii) <i>"We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NH-PWD' for future six-lanning or any other development."</i>	Undertaking Enclosed Undertaking Enclosed	
6	Who will sign the agreement on behalf of Gas pipe line agency.		
	Power of Attorney to sign the agreement is available or not	Enclosed as Annexure-VII	Authorized Person is Mr. Vijay Kumar Singh Manager (Projects).
7	The Project Director, will submit the following Certificates.		
7.1	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 18/19.11.1976, RW/NH-III/P/66/76 dated 11.5.1982, RW/NH-11.037/1/86-DOI (ii) dated 28.7.1993, RW/NH-11.037/1/86/DOI dated 19.1.1995, RW/NH-34066/2/95/ S&R dated 25.10.1999 and Circular NO. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003. (iii) F.No RW/nh-33044/29/2015/S&R (R) dated		

[Signature]
07-3-20
(A. P. Mishra)
Asst. Engineer
By *[Signature]* A.W.D.
Surnapur

[Signature]
VIJAY KUMAR SINGH
Manager (P, O&M)
GREEN GAS LIMITED
(A JV of GAIL & IOCL)
Lucknow

C.S.
[Signature]
By *[Signature]*
U.E. 10

	22.11.2016.		
7.2	<p>Certificate from PD in the following format</p> <p>(i) <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 high way nor the likely future improvement such as widening of the carriageway, easing of curve etc".</i></p> <p>(ii) For 6 lanning</p> <p>(a) Where feasibility is available <i>"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".</i></p> <p>(b) In case feasibility report is not available <i>"I do certify that sufficient ROW is available at site for accommodating proposed six-lanning".</i></p>		
8	If NH section proposed to be taken up by NH-PWD on BOT basis – a clause is to be inserted in the agreement. <i>"The permitted Highway on which Licensee has been granted the right to lay Gas Pipeline/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [.....] and therefore, the licensee shall honor the same."</i>	Inserted	
9	Who will supervise the work of laying of Gas pipe line		Green Gas Ltd.
	(a) On and behalf of the Applicant	Mr. Vijay Kumar Singh Manager (Projects).	Representative of Green Gas Limited
	(b) On and behalf of NH-PWD		
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 and behalf of the Applicant	Mr. Vijay Kumar Singh Manager (Projects).	
	(b) On behalf of NH-PWD		

[Signature]
(A.K. Mishra)
 Assistant Engineer
 Ty. Div., NH, P.W.D.
 Lucknow

[Signature]
VIJAY KUMAR SINGH
 Manager (P, O&M)
GREEN GAS LIMITED
 (A JV of GAIL & IOCL)
 Lucknow

[Signature]
 Executive Engineer
 Ty. Division (NH), P.W.D.
 Lucknow

11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire	NA	
	On and behalf of the Applicant	Green Gas Ltd.	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed Performa (copy enclosed).		
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 PD then copy be enclosed.		


 07.08.20
(A.K. Mishra)
 Assistant Engineer
 Ty. Div. P.W.D.
 Sultanpur


VIJAY KUMAR SINGH
 Manager (P, O&M)
 GREEN GAS LIMITED
 (A JV of GAIL & IOCL)
 Lucknow


 Executive Engineer
 Ty. Division (P.W.D.),
 Sultanpur, (U.P.)
Project Director