

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)

Dated: 20.11.2019

Invitation of public comments

**Sub: Proposal for NOC permission for laying of underground steel pipeline along NH-24A from Km.0.800 to Km.1.850 in the State of Uttar Pradesh - Reg**

1. M/s Green Gas Limited has submitted the proposal for laying of gas pipe line along the route from Km.0.800 to Km.1.850 on NH-24A to the Executive Engineer, NH Division, UP PWD, Lucknow. In the submitted proposal, it has been reported that the proposed gas pipe line shall be laid using trenchless (HDD) method.

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 (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,



(Ruchir Agarwal)

Assistant Executive Engineer  
For Chief Engineer - Regional Officer

**Copy to:**

- (i) NIC, New Delhi - for uploading on the Ministry's website.
- (ii) The Chief Engineer (NH), U.P., P.W.D., 96, M.G. Marg, Lucknow - 226 001.
- (iii) Green Gas Limited, 2<sup>nd</sup> Floor, Fortuna Tower, 10 Rana Pratap Marg, Lucknow, Uttar Pradesh - 226 001.



(Ruchir Agarwal)

Assistant Executive Engineer  
For Chief Engineer - Regional Officer

### CHECK- LIST

Guidelines for Executive Engineer PWD of new NH- 24A for processing the proposal for laying of Gas pipe line in the land along National Highways of PWD

#### Relevant circulars of Ministry of Road Transport and Highways

Circular No. RW/NH- 33044/27/2005/S&R (R) (Pt.) dated 06.08.2013

#### 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 pipeline on highways 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 service 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 <sup>nd</sup> Floor, 10 Rana Pratap Marg Lucknow-226001	
1.2	National Highway Number	NH-24A	
1.3	State	Uttar pradesh	
1.4	Location	NH-24A (Lucknow-Sitapur Road-CH. 0.800 Km. to CH. 1.85 Km.	
1.5	( Chainage in Km)	From 0.800 km.to 1.85 Km. in between	
1.6	Lentgth in Meters	1050 Mts.	
1.7	Width of available Row		
	(a) Left side from Center line towards increasing chainage/ direction	22.5 mtr	

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	(b) Right side from Center line towards Increasing chainage/ km direction	22.5mtr	
1.8	Proposal to lay underground Pipeline		
	(a) Left side from service road line towards increasing change/ km direction	N/A	
	(b) Right side from center line towards – increasing change/ km direction	Right side ch: 0.800km to CH: 1.850km  start Chainage 0.800km at 1.850km end chainage	
1.9	Proposal to acquire land	N/A	
	(a) Left side from service line	No	
	(b) Right side from center line	No	
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	Outer edge of <del>RWS</del> <sup>ROW</sup> (RHS)	
1.11	Details of already laid services, if any, along the Proposed route		
1.12	Number of existing lanes (2/4/6/8 lanes)	4 Lane	
1.13	Proposed Number of lanes (1 lane — _with paved shoulders/ 4/6/8 lanes)	N/A	
1.14	Service road existing or not	Yes	
	If yes then which side		
	(a) Left side from center line	Yes	
	(b) Right side from center line	Yes	
1.15	Proposed service road	N/A	

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	(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	Outer edge of service road <del>RWO</del> (RHS) ROW ✓	
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 of 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 Crossing involved at NH ✓	
	(a) Whether existing drainage structures are		

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Allowed to carry sewage / gas pipeline	No		
(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 Meter.	N/A		
(d) 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 Meter.			
(e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it dose not act as a 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.	N/A		
(g) The top of the casing /conduit pipe should be at least 1.2 meter below the least 0.3 m below the drain _ inverts. Mention the proposed details.	N/A		
(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 parement is of	HDD		

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	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.	N/A	
2	<b>Document/ Drawings to be enclosed with the proposal</b>		
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2m deep x 0.3m wide) (i) Should not be greater than 60cm 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	N/A	Trenchless Cross Section Drawing is enclosed



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	<p>15 meter from the centre- lines of the nearest carriageway</p> <p>(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.</p> <p>(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.</p>		
2.2	Cross section showing the size of pet and location of steel pipeline for HDD method	Yes	
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.	Enclosed	Site Survey Drawing are enclosed
2.4	Methodology for laying of Gas pipe line.		
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 ifs the Methodology of refilling of trench	N/A	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe	N/A	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular	N/A	



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	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 and (ii) overfill to the bottom of the road crust.	N/A	
	(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	N/A	



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	Not be permitted.		
	(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.	N/A	
	(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	Yes	
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.	N/A	
3	Draft License Agreement signed by two witnesses	Yes	On Rs.100 Non judiciary stamp paper
4	Performance Bank Guarantee	Yes	
4.1	Confirmation of BG has been obtained or not as per NHAI guidelines BG as per NH Guidelines	BG as per NH Guidelines	
5	<b>Affidavit/ undertaking from the Applicant for the following is to be furnished</b>		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NH division P.W.D or to the concerned agency.		
5.2	For Reenewal of Bank 'Guarantee.		
5.3	For Coonfirming all standard condition of ministry Circulars and NHAI's guideline.		

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5.4	For Shifting of Gas pipe line as and when required by NH division P.W.D at their own cost		
5.5	For Shifting of Gas pipe line due to 6 lanning / widening of NH		
5.6	For indemnity against all damages and claims		
5.7	For Traffic movement during laying of Gas pipe line to be managed by the applicant		
5.8	If any claim is raised by the Concessionaire than the same has to be paid by the applicant.		
5.9	Prior approval of the NH division of PWD 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- cous.   Of Ways.		
6	Power of Attorney in favor of authorized		

*[Signature]*  
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**NH Division PWD**  
**Lucknow**



*[Signature]*  
**Executive Engineer**  
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	signatory		
7	Copy of DOT licence		
8	Certificate from the executive Engineer	inserted	
	Certificate for confirming of all standard condition issued vide ministry circular No. RW/NH-330044/17/2000-S&R Dated 29.09.2000 and NHAIS guidelines issued vide No. NHAI/OEC/2k/ Vol II dated 7.11.2000 and Ministry's circular No. RW/NH- 33044/17/2000 S&R Dated 21.03-2006		
8.2	Certificate for 1 lanning from Ex. Engineer in the following format.		
	<p>(a) Where feasibility is available " I do certify that there will be no hindrance to proposed one laning based on feasibility report considering proposed structures at the said location.</p> <p>(b) In case feasibility report is not available : I do certify that sufficed ROW is available at site for accommodation proposed one-laning."</p>		
9	The agreement fee of Rs. 1 shall be changed	Yes	
10	If NH section proposed to be taken up by NH on BOT basis- a classe in para 17 to be inserted in the agreement . "the permitted highway on which license has been granted the right to lay steel pipeline has granted as a right of way to the concessionaire under the concession agreement for up gradation of from 0.000km to		



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	0.800 km		
11	Who will supervise the work of laying of gas pipe line		Green Gas Ltd.
12	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.		
13	Who will pay the claims for damages done/ disruption in working of concessionaire if asked by the concessionaire.		
14	A certificate from PD that the will enter the proposed permission in the register of records of the permissions in the prescribed performa (copy enclosed).		
15	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 Ex. Engineer( as per ministry circular no. RW/NH-33044/17/2000/S&R Dated 23.07.2003 as referred in para 13 above) is enclosed or not.		



*[Signature]*  
**Assistant Engineer**  
**NH Division PWD**  
**Lucknow**

*[Signature]*  
**Executive Engineer**  
**National Highway Divn**  
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