



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

NATIONAL HIGHWAYS AUTHORITY OF INDIA

(Ministry of Road Transport & Highways, Govt. of India)

(परियोजना कार्यान्वयन इकाई, आगरा/Project Implementation Unit, (PIU) Agra)

ऑफिस : ए-208, कमला नगर, आगरा - 282 005

Office : A-208, Kamla Nagar, Agra - 282 005

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34091/32/2023/Misc./119

Date: 22/05/2023

Invitation of Public Comments

Sub: Proposal for accord of permission for laying of Natural Gas Pipeline of Dia. 12", 6" and 4" NB through HDD/Open Cut method along NH-509 from Ram Bagh Chowk to Yamuna Expressway bypass from Ch. 234+300 km. to Ch. 223+300 km. LHS & 1 no. of crossing at Ch. 230+200 km. RHS to LHS at NH-509 - regd.

Manager (P), Green Gas Limited, Agra has submitted the proposal of NOC of laying permission of Natural Gas Pipeline of Diameter 12", 6" and 4" NB through HDD/Open Cut method along NH-509 from Ram Bagh Chowk to Yamuna Expressway bypass from Ch. 234+300 km. to Ch. 223+300 km. LHS & 1 no. of crossing at Ch. 230+200 km. RHS to LHS at NH-509.

2. As per 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 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 on the public on the above application is invited to the below mentioned address, which should reach by this office from the date of publication beyond which no comments shall be entertained.

**The Project Director
Project Implementation Unit-Agra
National Highways Authority of India
A-208, Kamla Nagar
Agra**

This is issued with the approval of RO-West-UP

Encl: As above

(Sanjay Verma)
Project Director

Copy to:

1. The Regional officer, UP (West) - for information
2. Web Admin, NHAI-HQ - with request for uploading on the NIC Website
3. The Technical Director, NIC, Transport Bhawan, New Delhi - with request for uploading on the Ministry's website
4. The Authorized Signatory, M/s Green Gas Limited, Agra for information

CHECK – LIST

Check list for Project Directors for processing Proposal for Laying of Green Gas Ltd. (Natural Gas) pipeline 12" , 6" and 4" CS pipeline for CGD Network through HDD along the NH-509 from Ram Bagh Chowkto Yamuna Express Way By Pass, Uttar Pradesh, Agra to Hathras Road for Approx.From Ch .- 234+300Km to 223+300 Km LHS and 1 No. of Road crossing at Ch. 230+200 Km RHS to LHS at NH-509 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

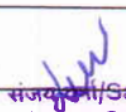
The permission for laying of Gas Pipeline shall be considered for approval/rejection based on the Ministry Circulars mentioned as above.

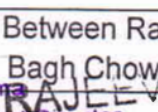
- a) Carrying of swage/gas pipelines on highway Bridges shall not be permitted as Fumes/gases from pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water.
- b) Services are not being allowed indiscriminately on the parapet/any part 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 12",6" and 4" CS pipeline for CGD Network through HDD along the NH-509 from Ram Bagh Chowk toYamuna Express Way By Pass, Uttar Pradesh, Agra to Hathras Road for Approx. 11 Km (From Ch .- 234+300 Km to 223+300Km) LHS and 1 No. of Road crossing at Ch. 230.200 Km RHS to LHS at NH-509.

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 nd Floor Jeevan Prakash Building, Sanjay Place, Agra	Project Director NHAI, Agra
1.2	National Highway number	Agra Hathras Road (NH-509)	NH-509
1.3	State	Uttar Pradesh	Uttar Pradesh
1.4	Location	Between Ram Bagh Chowk	Between Ram Bagh Chowk to Yamuna


 संजय वर्मा/Sanjay Verma
 परियोजना निदेशक/Project Director
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण,
 उप. प्रमंन्वक (सकां)/Dy. M
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना कार्यान्वयन इकाई-आगरा
 National Highways Authority of India
 Project Implementation Unit-Agra


 राजीव पथक/Rajeev Pathak
 MANAGER (P.O & M)
 GREEN GAS LIMITED
 A JV OF GAIL (INDIA) LTD. & IOCL

		to Yamuna Express Way By Pass NH-509 on LHS, Agra	Express Way By Pass NH-509 on LHS, Agra
1.5	(Chain age in KM)	Along the NH Ch.-234+300 to 223+.300Km and 1 crossing from RHS to LHS at 230+200Km	Along the NH Ch.- 234+300 Km to 223+300 and 1 crossing from RHS to LHS at Ch.230+200 Km
1.6	Length in Meters	Gas pipeline along NH-509 (on LHS)- 11000 Meter	Gas pipeline along NH-509 (on LHS)- 11000Meter
1.7	Width of available ROW		
	(a) Left side from center line towards increasing Chain age/ Km direction	Existing Row-15.00 to 12.00 Meter from center of both side Proposed Row, 15 to 12 Meter (for 2laning) from center of the both side.	Existing Row-15.00 to 12.00 Meter from center of both side Proposed Row, 15 to 12 Meter (for 2laning) from center of the both side.
	(b) Right side from center line towards increasing Chain age/ km direction	Existing Row-15.00 to 12.00 Meter from center of both side Proposed Row, 15 to 12 Meter (for 2laning) from center of the both side.	Existing Row-15.00 to 12.00 Meter from center of both side Proposed Row, 15 to 12 Meter (for 2laning) from center of the both side.
1.8	Proposal to lay underground Gas Pipe Line		
	(a) Left side from center line towards increasing Chainage/km direction	Along the NH Ch .- 234+300 to Ch.- 223+300 Km and 1 crossing from RHS to LHS at 230+200 Km	
	(b) Right side from center line towards increasing Chain age/ km direction		
1.9	Proposal to acquire land		
	(a) Left side from center line		

Handwritten signature

संजय वर्मा/Sanjay Verma
उप. प्रबंधक (सक०)/Dy. Manager (Tech)
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
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संजय वर्मा/Sanjay Verma
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
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RAJEEV TRIPATHI
MANAGER (P.O & M)
GREEN GAS LIMITED
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	(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, along the proposed route	(i) Under Ground Telephone & Torrent Power lines	
1.12	Number of lanes (2/4/6/8 lanes) existing	2 Lane	2 Lane
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NIL	NIL
1.14	Service road existing or not	No	No
	If yes than 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	No	No
	(b) Right side from center line	No	No
1.16	Whether proposal to lay Gas Pipe Line is after the service road or between the service road and main carriageway	No Service Road	No Service Road
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.	N/A	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 of the bridge is	Not applicable since proposed Gas pipe will not be over any bridge	Not applicable

RAJEEV TRIPATHI

MANAGER (P.O & M)

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देव प्रताप Singh
उप. प्रबंधक (सक.)/Dy. Manager
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
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	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 space 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 1 No. of Road Crossing at Ch. 230+200 Km	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		
	(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.	Not applicable	Not applicable
	(e) Ends of the casing/ conduit pipe shall be sealed from the outside, so that it done not act as a drainage path.	Not applicable	Not applicable
	(f) The casing/ conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	Not applicable	Not applicable
	(g) The top of the casing/conduit pipe should be at least 1.5 meter below the surface of the road subject to being at least 0.6 m below the drain inverts.	Not applicable	Not applicable

देव दत्त सिंह/Dav Datt Singh
उप. प्रबंधक (सक.)/Dy. Manager

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Project Implementation Unit-Agra

संजय वर्मा/Sanjay Verma
परियोजना निदेशक/Project Director

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राजेश्वर त्रिपाठी
MANAGER (P.O & M)

GREEN GAS LIMITED

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	(h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Crossing By HDD Method	Crossing 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 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 1.5 m deep X 0.6 wide)	Yes	Yes
	(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 center lines of the nearest carriageway.	Yes	Yes
	(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-509 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	Not applicable	Not applicable
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.		
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, methodology of refilling of trench.	HDD Methodology Method affected	HDD Methodology Method affected
	(a) The trench width should be at least 0.6 Mtr. but not more than 0.6 Mtr wider than the outer diameter of the pipe.	Yes	Yes

Dr. Manoj Singh
 Dy. Manager (Tech)
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राजेश वर्मा/Sanjay Verma
 परियोजना निदेशक/Project Director
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/
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MANAGER (RO & M)
GREEN GAS LIMITED
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	(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.	N.A.	N.A.
	(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	
	(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	Not applicable	Not applicable

	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		
3	Draft License Agreement signed by two witnesses		
4	Performance bank Guarantees in favour of NHAI 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	YES	YES
	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 NHAI to the licensee for clearing debris/ loose earth.		
4.1	Performance BG as per above is to be obtained.	Bank Guarantee will be submitted before signing of agreement.	Not yet provided
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	Bank Guarantee will be submitted before signing of agreement.	Not yet Received
5	Affidavit/ Undertaking from the Applicant	Affidavit/ undertaking Provided/attached	Affidavit/ undertaking 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.		
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 2Laning/widening of NH	Confirmed	Yes

देव सन्तोष सिंह (सकल) / Dy. Manager
 राष्ट्रीय राजमार्ग प्राधिकरण
 National Highways Authority of India
 परियोजना कार्यान्वयन इकाई - अग्रा
 Project Implementation Unit-Agra

संजय वर्मा / Sanjay Verma
 परियोजना निदेशक / Project Director
 राष्ट्रीय राजमार्ग प्राधिकरण
 National Highways Authority of India
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RAJESH K. RIPATHI
 MANAGER (P.O & M)
 GREEN GAS LIMITED
 (A JV OF GAIL (INDIA) LTD. & IOCL)

5.6	Indemnity against all damages and claims clause(xxiv)		
5.7	Traffic movement during laying of Gas Pipe Line to be managed by the applicant.	Confirmed	
5.8	If any claim 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 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	NHAI expenditure shall be borne by Green Gas Ltd.	
	Certificate from the applicant in the following format.	Certificate of Green Gas Ltd. Covering these commitments attached.	
	i) Laying of Gas Pipe Line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.		
	ii) For 2 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 Four-laning or any other development".		
6	Who will sign the agreement on behalf of gas supply pipe line agency	Manager (Projects), Green Gas Ltd, Agra	Project Director NHAI Agra

Subk

देव दत्त (Dev Dutt Singh)

उप. प्रबंधक (चक्र)/Dy. Manager (Chakra)

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/

National Highways Authority of India

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Project Implementation Unit-Agra

राजेश वर्मा/Sanjay Verma

परियोजना निदेशक/Project Director

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/

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RAJEEV K. RUPATHI

MANAGER (P.O & M)

GREEN GAS LIMITED

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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 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"	Not applicable	
	(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		
	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		

[Signature]

देव कुमार/Devi Singh
उप. प्रबंधक (तकनीकी)/Dy. Manager (Tech)
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/
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परियोजना कार्यान्वयन इकाई-आगरा
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राजेश वर्मा/Sanjay Verma
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/
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RAJEEV **ATHI**
MANAGER (P.O & M)
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	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)	(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) Green Gas Ltd, will ensure to rectify defects	(b) Manager (Tech.), NHAI (PIU), Agra.
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) GM (PE)/OIC, 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).		
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.		

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

(A joint Venture of GAIL & IOC)
2nd Floor, Jeevan Prakash Building, Sanjay Place, Agra, UP, 282002

RAJEEV TRIPATHI
MANAGER (P,O & M)
GREEN GAS LIMITED
(A JV OF GAIL (INDIA) LTD & IOC)

Dr. Datt Singh
उप. प्रबन्धक (तकनीकी)/Dy. Manager (Tech)
राष्ट्रीय राजमार्ग प्राधिकरण/
National Highways Authority of India
परियोजना कार्यान्वयन इकाई-आगरा
Project Implementation Unit-Agra

Signature of Project
संजय वर्मा/Sanjay Verma
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/
National Highways Authority of India
परियोजना कार्यान्वयन इकाई-आगरा
Project Implementation Unit-Agra