



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport and Highways)

कर्नाटक क्षेत्र, क्षेत्रीय कार्यालय, बेंगलूरु

Karnataka Region, REGIONAL OFFICE, BENGALURU

बेंगलूरु - तुमकूर सड़क (एन.एच-४), एम. एस. रामय्या इंकलेव, नागसंद्रा मेट्रो स्टेशन के बगल में, बेंगलूरु - ५६० ०७३.

Bengaluru - Tumakuru Road (NH-4), M.S. Ramaiah Enclave, Beside Nagasandra Metro Station, Bengaluru - 560 073

Tele : 080 - 28397156

: 080 - 28397171

Fax : 080 - 28377171

Email : robangalore@nhai.org

ronhaibangalore@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

No. NHAI/RO-BNG/11025/16/2020/ 552

Date: 01.06.2020

Invitation of public comments

Sub: Permission for laying of underground Gas Pipeline along the National Highway NH-75 (Tirupati-Bengaluru section) from Km. 310.753 to Km. 311.110 on LHS and from Km. 308.795 to Km. 311.110 on RHS by HDD method and 01 no. of road crossing @ Km. 311.110 by HDD method - **Reg;**

Ref: 1. M/s Gail Gas Ltd., letter no. GAIL GAS/BLR/CGD/243/2019 dated 16.04.2019.

2. PD PIU-BNG letter no. NHAI/15028/1/07/PIU-BNG/1797 dt. 19.09.2019.

3. PD PIU-BNG letter no. NHAI/15028/1/07/PIU-BNG/3442 dt. 25.02.2020.

The Project Director, PIU, Bengaluru vide letter cited (2) & (3), has submitted the proposal of M/s Gail Gas Ltd, Bengaluru, for approval of the Competent Authority, Highway Administration.

2. From the submitted proposal, it is observed that, the laying of underground Gas Pipeline along the National Highway NH-75 (Tirupati-Bengaluru section) from Km. 310.753 to Km. 311.110 on LHS and from Km. 308.795 to Km. 311.110 on RHS by HDD method and 01 no. of road crossing @ Km. 311.110 by HDD method in the state of Karnataka.

3. As per para-4 of Ministry's Circular No. RW/NH-33044/29/2015/S & R (R) dated 22.11.2016, the Highway Administration 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).

4. In view of the above, the comments/objections of affected public is hereby invited with reference to Ministry's circular dated 22.11.2016 for the above mentioned proposal. The objections/comments may be addressed to the below mentioned address, which should reach by this office within 30days from the date of publication beyond which no comments shall be entertained.

Regional Officer
National Highways Authority of India
Regional Office

Bengaluru-Tumakuru Road (NH-4),

M.S. Ramaiah Enclave,

Beside Nagasandra Metro Station,

Bengaluru - 560073.

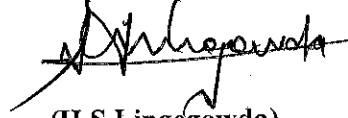
Email Id: ronhaibangalore@gmail.com

robangalore@nhai.org

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5. This is issued with the approval of Competent Authority.

Yours sincerely,



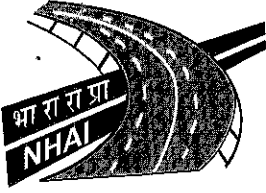
(H.S.Lingegowda)

DGM (Tech)

For Regional Officer

Copy to:-

1. The Web admin, NHAI, HQ, New Delhi for Uploading on NHAI's website.
2. Senior Technical Director, NIC, Transport Bhawan, New Delhi- 110001 for uploading on Ministry's website.
3. Project Director, NHAI, PIU-Kalaburagi-58004 for Information.
4. M/s Gail Gas Ltd, 3rd Floor, M.S. Complex, S-44, New BEL Road, Bengaluru-560054- for information.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई

Project Implementation Unit - Bengaluru

सर्वे नं. १३, १४ कि. मी., नागासंद्रा, बेंगलूरु - तुमकुर सड़क, (एन. एच.-४), बेंगलूरु - ५६० ०७३

Sy. No. 13, 14th Km., Nagasandra, Bengaluru - Tumkur Road (NH-4) Bengaluru -560 073

Phone : 080 - 28394403

Tele Fax : 080 - 28394383

E-mail : bangalore@nhai.org



BHARATMALA
ROAD TO PROSPERITY

No: NHAI/15028/1/07/PIU-BNG/1797

19.09.2019

To:

The Regional Officer,
National Highways Authority of India,
Regional Office,
Bangalore - 560-073

Sub: Design, Engineering, Construction, Development, Finance, Operation and Maintenance of Bangalore – Hoskote – Mulbagal section from Km. 237.700 to Km 318.000 of NH-4 in the State of Karnataka under NHDP Phase-IIIA – **Permission for laying of underground Gas Pipeline along the National Highway NH-75 (Tirupati-Bengaluru section) from Km. 310.753 to Km. 311.110 on LHS and from Km. 308.795 to Km. 311.110 on RHS by HDD method and 01 no. of road crossing @ Km. 311.110 by HDD method – reg**

- Ref: 1. M/s Gail Gas Ltd., letter No. GAIL GAS/BLR/CGD/243/2019 dated 16.04.2019
2. This office letter No. NHAI/15197/1/18/PIU-BNG/226 dated 30.04.2019
3. Concessionaire letter No. LHHL/Tech/2019-20/036 dated 05.06.2019
4. IE letter No. LASA/Kolar/IE-O&M/BHM-73639/2019/341 dated 10.06.2019
5. This office letter No. NHAI/15025/1/07/PIU-BNG/827 dated 05.07.2019
6. M/s Gail Gas Ltd., letter No. GGL/CGD/PE/NHAI/BLR/207/2019 dated 24.08.2019
7. This office letter No. NHAI/15025/1/07/PIU-BNG/1559 dated 03.09.2019
8. M/s Gail Gas Ltd., letter No. GGL/CGD/PE/NHAI/BLR/207/2019 dated 10.09.2019

Sir,

M/s GAIL Gas Ltd., Bangalore vide letter (1) cited above, has submitted the proposal seeking permission for laying of underground Gas Pipeline along the National Highway NH-75 (Tirupati-Bengaluru section) from Km. 310.753 to Km. 311.110 on LHS and from Km. 308.795 to Km. 311.110 on RHS by HDD method and 01 no. of road crossing @ Km. 311.110 by HDD method. 357
(2672)

Concessionaire M/s Lanco Hoskote Highway Ltd., vide letter at reference (3) and IE M/s LEA Associates South Asia Pvt. Ltd., vide letter (4) cited above (copy enclosed), after verification of the proposal, submitted their comments / report.

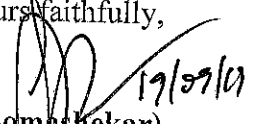
M/s GAIL Gas Ltd., has submitted the proposal in the prescribed format along with the Agreement, Indemnity Bond, Undertakings, License Fee for an amount of Rs.6,15,734/- (after deduction of 10% for Rs.68,415/-) through DD vide No.516627 dated 19.08.2019 and Bank Guarantee bearing no. No. OGT0005190035207 dated 23.08.2019 for Rs.3,66,200/- dated 23.08.2019. The proposal has been scrutinized and found in order.

....2

In view of above, the proposal submitted by M/s GAIL Gas Ltd., for laying of underground Gas Pipeline along the National Highway NH-75 (Tirupati-Bengaluru section) from Km. 310.753 to Km. 311.110 on LHS and from Km. 308.795 to Km. 311.110 on RHS by HDD method and 01 no. of road crossing @ Km. 311.110 by HDD method is recommended for approval of Competent Authority, subject to fulfillment of conditions given in Agreement and by Concessionaire & IE.

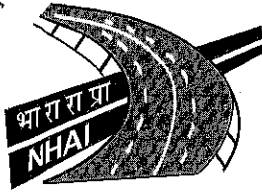
Thanking you,

Yours faithfully,



(S.P. Somashekhar)
General Manager (Tech) &
Project Director

Encl: as above.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई

Project Implementation Unit - Bengaluru

सर्वे नं. १३, १४ कि. मी., नागासंड्रा, बेंगलूरु - तुमकुर सड़क, (एन. एच.-४), बेंगलूरु - ५६० ०७३

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E-mail : bangalore@nhai.org



BHARATMALA
ROAD TO PROSPERITY

No: NHAI/15028/1/07/PIU-BNG/ 3642

25.02.2020

To:

The Regional Officer,

National Highways Authority of India,

Regional Office, Bangalore - 560 073

Sub: Design, Engineering, Construction, Development, Finance, Operation and Maintenance of Bangalore – Hoskote – Mulbagal section from Km. 237.700 to Km 318.000 of NH-4 in the State of Karnataka under NHDP Phase-III A – **Permission for laying of underground Gas Pipeline along the National Highway NH-75 (Tirupati-Bengaluru section) from Km. 310.753 to Km. 311.110 on LHS and from Km. 308.795 to Km. 311.110 on RHS by HDD method and 01 no. of road crossing @ Km. 311.110 by HDD method -- reg**

- Ref:
1. M/s Gail Gas Ltd., letter No. GAIL GAS/BLR/CGD/243/2019 dated 16.04.2019
 2. This office letter No. NHAI/15197/1/18/PIU-BNG/226 dated 30.04.2019
 3. Concessionaire letter No. LHHL/Tech/2019-20/036 dated 05.06.2019
 4. IE letter No. LASA/Kolar/IE-O&M/BHM-73639/2019/341 dated 10.06.2019
 5. This office letter No. NHAI/15025/1/07/PIU-BNG/827 dated 05.07.2019
 6. M/s Gail Gas Ltd., letter No. GGL/CGD/PE/NHAI/BLR/207/2019 dated 24.08.2019
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 8. M/s Gail Gas Ltd., letter No. GGL/CGD/PE/NHAI/BLR/207/2019 dated 10.09.2019
 9. This office letter No. NHAI/15028/1/07/PIU-BNG/1797 dated 19.09.2019
 10. RO e-mail dated 27.09.2019
 11. This office letter No. NHAI/15028/1/07/PIU-BNG/2149 dated 22.10.2019
 12. RO e-mail dated 28.11.2019
 13. This office letter No. NHAI/15025/1/07/PIU-BNG/2539 dated 02.12.2019
 14. M/s GAIL Gas Ltd., letter No. GGL/CGD/PE/NHAI/BLR/207/2019-20 dated 08.01.2020
 15. M/s GAIL Gas Ltd., letter No. GGL/CGD/PE/NHAI/BLR/207/2019-20 dated 12.02.2020

Sir,

This is with reference to RO e-mail at reference (12) cited above, has observed that, the various dimensions of Earthen Shoulder, Service Road, Main Carriageway shown on both sides are not tallying with the total of RoW and requested to clarify & forward modified drawing duly making correct (taking into consideration actually dimensions) in all the details.

In this regard, M/s GAIL Gas Ltd., vide letter at reference (15) cited, has submitted the revised drawings as per the RO observations.

This is for your information and necessary action please.

Thanking you,

Yours faithfully,

(S.P. Somashankar)

General Manager (Tech) &
Project Director

Encl: as above.

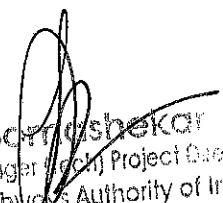
**Check list for getting approval for laying Underground Gas Pipe Line along the
National Highway NH-75 (Bangalore-Tirupati section) from KM 308.795 to
KM 311.110 on LHS& 310.753 to 311.110 on RHS by HDD method**

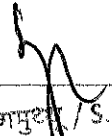
Sl. No.	Item	Information/ Status
1	General Information	
1.1	Name and Address of the Applicant/Agency	GAIL GAS Limited
1.2	National Highway Number	NH-75
1.3	State	Karnataka
1.4	Location	NH-75(Bangalore-Tirupati)
1.5	(Chainage in km)	KM308.795 to KM311.110 ON RHS & KM310.753 to 311.110 ON LHS
1.6	Length in Meters	2724.0Mts
1.7	Width of available ROW	Total 47.5Mts
	(a) Left side from centre line towards increasing chainage/ km direction	23.25Mts
	(b) Right side from centre line towards increasing chainage/ km direction	24.25Mts
1.8	Proposal to lay underground GAS Pipeline	
	(a) Left side from centre line towards increasing chainage/ km direction	From KM308.795 to KM311.110 on LHS
	(b) Right side from centre line towards increasing chainage/ km direction	From KM310.753 to KM311.110 on RHS
1.9	Proposal to acquire land	
	(a) Left side from centre line	Land acquisition is not required as sufficient utility corridor is available
	(b) Right side from centre line	Land acquisition is not required as sufficient utility corridor is available
1.10	Whether proposal is in the same side where land is not, to be acquired	Not Applicable
	If not then where to lay the UG Gas Pipeline	Not Applicable
1.11	Details of already laid services, if any, along the proposal route	OFC, Electrical line etc.
1.12	Number of existing lanes (2/4 / 6/8 lanes).	6 lane existing with 2 lane service road on either side of carriage way
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 / 6/8 lanes)	Not Applicable
1.14	Service road existing or not	Yes
	If yes then which side	
	(a) Left side from centre line	10Mts wide Service Road existing
	(b) Right side from centre line	10Mts wide Service Road existing
1.15	Proposed Service road	Not Applicable
	(a) Left side from centre line	Not Applicable
	(b) Right side from centre line	Not Applicable

S.P. Sornashekar
General Manager (Tech) Project Director
National Highways Authority of India
P.O. Bangalore

एस.अंगमथु / S. Angamuthu
उप महाप्रबन्धक (TE) / Dy. General Manager (PE)
गैल गैस लिमिटेड / GAIL Gas Limited
बंगलूरु / Bangalore - 560 094

1.16	Whether proposal to lay Gas Pipe line is after the service road or between the service road and main carriageway	Not Applicable
1.17	The permission for laying the UG Gas Pipeline shall be considered for approval / rejection based on the Ministry Circulars mentioned as above	Yes laying the UG Gas Pipeline shall be considered for approval being public utility/amenity being got proposal
1.18	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.	Yes, One NH across Crossing @ 311.110KM by HDD method
	(a) Whether existing drainage structures are allowed to carry sewage / gas pipeline	Yes
	(b) Is it on a line normal to NH	Yes
	(c) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance of crossing the sewage/gas pipelines from the existing structures .	Minimum 15mts away from the existing structures
	(d) The casing pipe (or conduct 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.	Not Applicable-HDD method
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Not Applicable
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Not Applicable
	(g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject Mention the proposed details.	Not Applicable
	(h) Mention the methodology proposed for crossing of road for the proposed Sewage/ gas pipe line. Crossing shall be by boring method (HDD) [Trench-less Technology], specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.	HDD[Trench-less Technology]
	(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.	Not Applicable
2	Document / Drawings to be enclosed with the proposal	
2.1	Cross section showing the size of trench for open trenching method (Is is normal size of 1.2m deepX 0.3m 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 15 meter from the centre-lines of the nearest carriageway	Not Applicable


S.P. Srinivashekar
 General Manager (Tech) Project Director
 National Highway's Authority of India
 P.U. Bangalore


S. Angamuthu
 Dy. General Manager (PE)
 BAIL Gas Limited
 Bengaluru - 560 054

	(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.	
2.2	Cross section showing the size of pit and location for HDD method	Enclosed
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
2.4	Methodology for laying of UG Gas pipe line.	KM308.795 to KM311.110 on LHS & KM310.753 to 311.110 on RHS & One crossing @ KM 311.110 by HDD method.
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	Not Applicable
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Not Applicable
	(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.	Not Applicable
	(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.	Not Applicable
	(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.	Not Applicable
	(e) The road crust shall be build 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.	Not Applicable
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Not Applicable
	(g) If required, a diversion shall be constructed at the expense of agency owing the utility line.	Not Applicable
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes
2.4.3	Methodology for laying of Gas Pipe Line through CD works	Not Applicable

S.P. Somashekar
General Manager (Tech) Project Director
National Highway Authority of India
P.U. Bangalore

एस.अंगमुथु / S. Angamuthu
उप महाप्रबंधक (पीई) / Dy. General Manager (PE)
गैस गैस लिमिटेड / GAIL Gas Limited
देवरहोड / Deverahod - 560 054

	and method of laying. In cases where the carrying of gas pipe line on the bridge becomes inescapable.	
3	Draft License Agreement signed by two witnesses	Enclosed
4	Performance Bank Guarantee in favor of NHAI as per the MoRT& H Norms No. RW/NH-33044/29/2015/S&R(R) DT:22.07.2018 and also the applicable license free for the Valid number of Years.	Shall be submitted after approval
4.1	License fee for valid number of years as per above is to be obtained.	Yes, For initial 5 Years obtained
4.2	Confirmation of BG has been obtained or not as per NHAI guidelines	Yes
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 NHAI or to the concerned agency.	Enclosed
5.2	For Renewal of Bank Guarantee.	Enclosed
5.3	For Confirming all standard condition of Ministry Circulars and NHAI's guideline,	Enclosed
5.4	For Shifting of Gas pipe line as and when required by NHAI at their own cost	Enclosed
5.5	For Shifting of Gas pipe line due to 6 laning / widening of NH	Enclosed
5.6	For Indemnity against all damages and claims	Enclosed
5.7	For Traffic movement during laying of Gas pipe line to be managed by the applicant.	Enclosed
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant.	Enclosed
5.9	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.	Enclosed
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 applicant agency owning the line.	Enclosed
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 within a reasonable time (not exceeding 90 days) of the intimation given.	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>	Enclosed Enclosed

S.P. Somashekar
General Manager (Gen) Project Director
National Highways Authority of India
P.O. Bangalore

एस.अंगमुथु / S. Angamuthu
उप महाप्रबंधक (पीई) / Dy. General Manager (PE)
गैस गैस लिमिटेड / GAIL Gas Limited
बेगलूर / Bengaluru - 560 054

	(ii) "We do not 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 NHAI" for future six-laning or any other development."	
6	Who will sign the agreement on behalf of Gas pipe line agency	Shri. Ajay Jindal, GM(PW), Authorized Signatory, M/s.GAIL GAS Limited
7	Certificate from the Project Director	
7.1	Certificate for proposal for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015 S&R (R) dated 17.9.2003	
7.2	Certificate from 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 etc". (ii) for 8-lanning (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". (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-lanning".	
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 Pipeline/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [-----] section from Km ----- to Km ----- of NH No.----- on Build, Operate and Transfer Basis] and therefore, the licensee shall honor the same."	Clause As been included in Para 8 Of the agreement
9	Who will supervise the work of laying of UG Gas Pipe line	Project Engineer of GAIL GAS LIMITED or PMC MECON personnel / Engineers along with concessionaire / IC / NHAI
10	Who will ensure that the defects in road portion after laying of UG Gas pipe line are corrected and if not corrected then what action will be taken.	By GAIL GAS LIMITED Engineer / PMC MECON. If Not Done BG to be forfeited and will be rectified by Other Agency under the Supervision of concessionaire
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire	By GAIL GAS LIMITED or By NHAI from the BG Claim

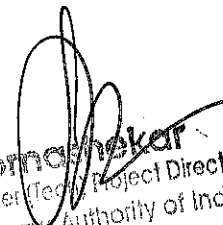
S.P. Somashek
General Manager (Tech) Project Development
National Highways Authority of India
P.I.U. Bangalore

एस.अंगमुथु / S. Angamuthu
उप महाप्रबंधक (पीई) / Dy. General Manager (PE)
नेल गैस लिमिटेड / GAIL Gas Limited
देवापुर / Devapur - 507 004

12	A certificate from PD 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 records of permissions accorded as maintained by PD then copy be enclosed	

Project Director


एस.अंगमुथु / S. Angamuthu
उप महाप्रबंधक (पीई) / Dy. General Manager (PE)
गेल गैस लिमिटेड / GAIL Gas Limited
बैंगलूरु / Bengaluru - 560 054


S.P. Somashekhar
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