भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways) कार्यालय क्षेत्रीय अधिकारी, आंध्रप्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८.आंध्र प्रदेश Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

Lr. No NHAI/RO-VJA/11045/NOC/2020-21/979

ली / Tele : 0866-2483910

ई-मेल / E-mail:rovijayawada@nhai.org nhairovja@gmail.com



Dt.04.05.2021

INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Grant of permission for laying of 18" dia Natural Gas Pipeline by M/s. GAIL (India) Limited along with 6" dia OFC by standard HDD method using bundle for carrier pipe and OFC across NH-16 at Km.585.700 for a length of 60mt - Public comments - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of GAIL (India) Ltd. for laying of 18" dia Natural Gas Pipeline along with 6" dia OFC by standard HDD method across NH-16 at Km.585.700 in Gundivillipeta Village, Narasannapeta Mandal of Srikakulam District for a length of 60mt.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the Highway Administration will put out the application in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

In view of the above, the comments of public, if any, on the above mentioned proposal is invited on below mentioned address.

Regional Officer - Vijayawada, National Highways Authority of India, Plot No.21, Teachers' Colony, Gurunanak Nagar Road, Vijayawada, Andhra Pradesh. Pin: 520 008. Email: rovijayawada@nhai.org

> (R.K. Singh), Regional Officer RO - Vijayawada

कारपोरेट कार्यालय : जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075. वेबसाइट : http://www.nhai.org Corporate Office : G-5 & 6, Sector -10, Dwaraka, New Delhi - 110 075 Website : http://www.nhai.org



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सडक परिवहन और राजमार्ग मंत्रालय)

(MINISTRY OF ROAD TRANSPORT & HIGHWAYS)

परियोजना कार्यान्वयन इकाई (जि क्यू), भा.रा.रा.पा. एन्क्लेव, कि.मी.2/8 रा.रा.5., Project Implementation Unit (GQ), NHAI Enclave, KM 2/8 NH-16

हनुमन्तवाका, विशाखपट्टणम - 530 040, ए.पि., भारत

Hanumanthavaka, Visakhapatnam - 530 040, A.P., India

प्रगति के पध पर अप्रसर BHARATMALA ROAD TO PROSPERITY

दूरभाष / Phone : 0891-2707600

फाक्स / Fax No. : 0891-2714118 ई-मेइल / E-mail : vis@nhai.org

Date:06.04.2021

NHAI/PIU-VSP/GAIL/2020-21/ 7495

To

The Regional Officer.

National Highways Authority of India, Regional Office, Gurunanak Nagar,

Teachers Colony, VIJAYAWADA.

Sub:

NHAI - PIU, Visakhapatnam - Srikakulam - Angul Natural Gas Pipeline Project: -Request for granting permission to lay 18" dia Natural Gas pipeline along with OFC by Standard HDD method and OFC across National Highway-16 at 585.700 Gundivillipeta Village Narasannapeta District, Andhra Pradesh-Approval Request-Reg.

1. M/s. GAIL Lr No. SAPL/SAPL/NH/NHAI/2020, dated 02.02.2021.

- 2. Lr. No. NHAI/PIU-VSP/GAIL-OF&GPL/2021/7156, dated: 22.02.2021.
- 3. Lr. No. LION/IE-0418/2018/NHAI-APCO-NR/1491, dated: 02.03.2021.
- 4. This office e-mail dated 13.03.2021
- 5. M/s. GAIL Lr No. SAPL/SAPL/NH/NHAI/2020/06/5106, dated 16.03.2021.

Sir,

Vide letter 01st cited, M/s GAIL(India)Limited, has applied for permission to lay 18" dia Natural Gas pipeline along with OFC by Standard HDD method and OFC across National Highway-16 at 585.700 km in Gundivillipeta Village Narasannapeta Mandal SrikakulamDistrict, Andhra Pradesh

The proposal has been inspected and verified by M/s The Lion Engineering Consultants and raised some observation vide their letter under 3rd reference (copy enclosed) as per the guidelines the same has communicated to the agency vide under reference 4th cited. The agency has complied the observation and submitted the relevant documents.

The following documents are submitted by the Agency duly complying provision for access permission for laying of utility services across the National Highways as per circular No.RW/NH-33044/29/2015/S&R(R) dt 22.11.2016

- (a) Proposal letter.
- (b) Check List.
- (c) Licence fee estimate.
- (d) Specification report.
- (e) Licensed lease agreement.
- (f) UndertakingCertificate.
- (g) Certificate.

Building a Nation, Not Just Roads

- (h) Standard Technical Specifications for pipeline crossings using HDD (Horizontal Directional Drilling Method).
- (i) Location plan.
- (j) Typical profile for NH-16 crossing by HDD Method.
- (k) Cadastral Map

In view of the recommendations of the Consultants, the proposal submitted by M/s GAIL(India)Limited, for permission for crossing of Kakinada to Srikakulam Natural Gas Pipeline along with OFC duct across NH-16 at Km.537.890 is herewith recommended for communicating the approval of Competent Authority.

Encl: Proposal in two sets (01 Original + 01 Duplicate)

Yours truly,

GM(T) & Project Director

CERTIFICATE

- 1 It is certified that the proposal for "M/s GAIL(India)Limited, has applied for permission to lay 18" dia Natural Gas pipeline along with OFC by Standard HDD method and OFC across National Highway-16 at 585.700 km in Village Gundivillipeta-Narasannapeta-District- Srikakulam, State-AndhraPradesh" is confirming of all the standard conditions / guidelines issued vide Ministry circular No. RW/NH-33023/19/99-DO-III dt.24.07.2013 and No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016.
- 2 It is certified that any other location of the Gas pipeline would be extremely difficult and unreasonable costly and the installed of gas pipeline 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,
- 3 The six-laning works are already in progress and the concessionaire has given their recommendation.

4 It is certified that the details of the proposed permission shall be entered in the Register of Records of the Permission maintained by PIU.

Prashant Kumar Mishra
Dy Manager(Tech)

(P.Siva Sankar)

GM (T) &Project Director NHAI, PIU, Visakhapatnam

Calculation of License Fees & Performance Bank Guarantee Amount

Request for granting permission to lay 18" dia Natural Gas pipeline along with OFC by Standard HDD method using bundle for carrier pipe and OFC across NH- 16 at 585.700 Km at Village - Gundivillipeta Taluka – Narasannapeta, District – Srikakulam in the state of Andhra Pradesh.

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Domarka	NellialRS				For natural gas Main pipe line											
Amount	Rs.				79,750			79 750	2006	999	21,300		21,300		7 030	670'1
Prevailing Circle rate	of Land in	Rs./Sq.meters	(As per Revenue Records)		1,316				(10:10	13,130 / 10X12	665 x12x5		ine project	AORTH guidelines vide	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Utilized NH	Land Area	Sq. Mtrs.			61				035.05	061/61	665		am angul pipel	ver point 5 of N		
Width	Mtrs. Mtrs. Utilised	land			1.010				License Fees (Rs /month) -	- (s for 5 years =		peline srikakul	rial utilities as p	It. 22.11.2016	
Length	route Mtrs.				00.09		09	Total Amount	licence Feec		Total License Fees for 5 years =	, ,	ı natural gas p	bed for Indust	2015/S&R(R)	
Chainage	to	Æ			Km. 585.700			Total /			Tot		id itu Laying o	the fee prescri	Lr.No. RW/NH/33044/29/2015/S&R(R) dt. 22.11.2016	
Cha	from	kш			Km. 5							al IIAS yd old	מוב מא מאור וווס	shall be 33% of	Lr.No. RW/	int calculation
Name of Village				Gundivillipeta Taluka –	Narasannapeta, District – Srikakulam District.				~			Total License Fees navel	Total rice is a payable by Onle III and Italian Datural Bas pipeline stikakulam angul pipeline project	The Licence fee for public utilities shall be 33% of the fee prescribed for Industrial utilities as per point 5 of MoRTH guidelines vide		Performance Bank Guarantee Amount calculation
SI.	No.				\leftarrow									The Li		Perforn

Amount of Performance Bank Guarantee to be submitted = Total No. of route meters x Rs. 500/- per route meter (> 1000 mm dia/width) Le. $60 \times Rs. 500/- = 30000/-$

Performance Bank Guarantee Amount =30,000/-

12/162 SAN TANA (1)

GM(+) & Project-Director



L'ON ENGINEERING CONSOLTANTS PYT. LTD.

"Centributing in Bailding the Infrastructure of the New on"

Letter No. LION/IE-0418/2018/NHAI-APCO-NR /1491

To,

The Project Director
Project Implementation Unit (GQ),
National Highways Authority of India (NHAI) Enclave,
KM 2/8 NH-16, Hanumanthavaka, Visakhapatnam- 530 040, A.P., India
Email: vis@nhai.org nhaipiuvsp@gmail.com.

CIN No. U74999MP2020PTC050788
Sri Sobha Rani Nilayam,
1st Floor, Satyanarayana Nagar,
Opp.Durga Temple, Kusalapuram (Village),
Fareed Peta (Post), Etcherla (Mandal),
Srikakulam (District), Andhra Pradesh-532405,
Tel:08942-2787699: 02.03.2021.



Serve Service Service

Sub : Independent Engineer Services for Supervision of Six Laning of Narsannapeta-Ranastalam Section of NH-16(Old NH-5) from design km 580.671 (Existing km 580.700) to design km 634.861(Existing length 634.000) (Design Length=54.19 km) in the State of Andhra Pradesh under NHDP Phase-V on Hybrid Annuity Mode. "Permission to lay 18" dia Natural Gas pipeline along with OFC by standard HDD method using bundle for carrier pipe and OFC across NH-16 at Km 585.700 - Report furnished- Reg.

Ref: 1. your office letter no. NHAI/PIU-VSP/GAIL-OFC& GPL/2021/7156 dated 22.02.2021.

2. GAIL (India) Limited letter no. GAIL/SAPL/NH/NHAI/2020/06/5105 Dated 02.02.2021 addressed to PD/NHAI/PIU- Visakhapatnam.

3. This office letter No. LION/IE-0418/2018/NHAI-APCO-NR /1331 dated 30.11.2020.

Your office letter no. NHAI/PIU-VSP/TOT-Access Permissions/2019/6343 Dated 03.08.2020.

GAIL (India) Limited letter no. GAIL/SAPL/NH/NHAI/2020/06 Dated 23.09.2020 addressed to PD/NHAI/PIU- Visakhapatnam.

Policy Guidelines/Norms for Accommodation of Public and Industrial Utility services along and across National Highways, issued by MoRTH, S&R® ZONE vide F.No. RW/NH-33044/29/2015/S&R(R) Dated 22.11.2016.

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This has reference to the above subject, vide under reference 2nd cited above therewith submitted on the compliance of this office vide letter under reference 3rd cited above, a revised proposal from M/s GAIL(INDIA) LIMITED for laying 18" dia Natural Gas Pipeline along with 6" dia OFC by standard HDD method using bundle for carrier pipe and OFC across NH-16 at Km 585.700 in Gundivillipeta village, Narasannapeta Mandal, Srikakulam District in the state of Andhra Pradesh received through PIU, NHAI, Visakhapatnam vide letter under reference 1st cited above.

- 2. In this regard, the above proposal has been examined and the following are the observations.
 - 1. The ROW details as per the Schedule -A of Concession agreement is 60Mts (LHS 30m + RHS 30m) at Km 585.
 - II. The Check List submitted for Crossing of the M/s GAIL(INDIA) Limited as per latest MoRTH guide lines dated 22.11.2016 by the individual is duly verified for relevant information against each item and are found to be in order of specified MORTH guidelines.

BK.

NHAI

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VSP

III. Proof of Grant of Project to Gail (India) Limited has not submitted and the same is to be submitted by the applicant.

Date: 02.03.2021.

- IV. Power of Attorney has not been submitted in support of Authorized Signatory signing and submitting the proposals and the same is to be submitted by the applicant.
- V. In the Draft license Agreement regarding Granting of Right of Way permission for laying/Crossing of Utility Services on National Highways, witnesses signatures has not signed and the same is to be signed.
- VI. The applicant has not submitted any documents showing the various safety clearances from the respective Authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosives Safety Organization, Oil Industry, Safety Directorate, State/Central Pollution Control Board and any other statutory clearances as applicable, which must be obtained by the Applicant before applying to the Highways Administration as per Para 4 of MoRTH guidelines vide under reference 3rd cited above.
- VII. The revised Strip plan, location plan and Cross section details has not Submitted by the applicant.
- VIII. The applicant has not submitted the land valuation certificate required from the Concerned Authority for calculating the Charges for granting license for use of highway land and the same is to be submitted by the applicant.
- 3. In View of the above, the proposal submitted by the GAIL (India) Limited return back and requested to resubmit the proposals duly attending all the above observations by the applicant.

This is submitted for favour of information and necessary action please.

Thanking You,

Yours sincerely,

For & On Behalf of M/s Lion Engineering Consultants Private limited.

(S Baswaralu)

(Resident Cum highway Engineer)

Acting Team Leader

Copy for information: -

1. Lion Engineering Consultants Pvt Ltd, Corporate office, Bhopal.



गेल जुबली टॉवर, बी - 35 एवं 36, सैक्टर - 1, नौएडा - 201301 जिला गौतम बुद्ध नगर (यू.पी.), इंडिया GAIL JUBILEE TOWER, B - 35 & 36, SECTOR - 1, NOIDA - 201301

फोन/PHONE :+91-120-2446400, 4862400

DISTT GAUTAM BUDH NAGAR (UP), INDIA

फैक्स/FAX:+91-011-26185941

GAIL/SAPL/NH/NHAI/2020/06/5106

To, Prashant Kumar Mishra, Dy. Manager (Tech) NHAI, PIU, Hanumanthavaka, Visakhapatnam, Andhra Pradesh. Dt: 16.03.2021



<u>SUBJECT</u>: Request for Granting Permission to lay 18" dia Natural Gas Pipeline along with OFC by Standard HDD method using bundle for carrier pipe and OFC across NH-16 at Km 585.700

Ref no: 1. GAIL/SAPL/NH/NHAI/2020/06/ dated: 23/09/2020

2. NHAI/PIU/-VSP/GAIL-OFC & GPL/2020/6833

Dear Sir,

With reference above and as per joint visit with your representative, we would like to submit herewith the amended application for granting permission to lay the Natural gas pipeline along with the OFC by standard HDD method across NH-16 at km 585.700 in the village – Gundivillipeta, Taluka-Narasannapeta, District-Srikakulam, Andhra Pradesh.

The amendment of the proposal prepared with revision of crossing location incorporated in drawings and other relevant documents as per guidelines issued by MORTH vide circular dated 22/11/2016 for your further necessary action

GAIL (India) Limited, shall take all necessary safety precautions as per PNGRB Guidelines, safety standards and relevant government norms during and after laying of the pipeline.

We are willing to fulfil all the requisite formalities including submission of application as per your prescribed format, we prepared the correction in an application letter, checklist, stamp duty, undertakings, execution of the agreement, license fee etc., to get your expeditious approval to lay the pipeline.

We solicit your kind cooperation and help for appropriate early action for processing our request.

पंजीकृत कार्यालय : गेल भवन, 16 भीकाएजी कामा प्लेस नई दिल्ली–110066, इंडिया

REGD. OFFICE : GAIL BHAWAN, 16 BHIKAIJI CAMA PLACE NEW DELHI-110066, INDIA आर. के. वर्मा / F. X. VERMA उप महाप्रबंधक (सर्वे एवं भू अभि.)/Dy Genaral Manager (S&LR) गेल (इंडिया) लिमिटेड / GALL India) Limited 8वां तल, गेल जुबली टॉवर बी-35-36, सेक्टर-1, नौएडा (उ.प्र.) 8" Floor, GAIL Jubilee Tower B-35-36, Sec.-1, Noida (U.P.)

सीआईएन/CIN L40200DL1984GOI018976

Website: www.gailonline.com

This pipeline project is of national importance and is being implemented in a time-bound manner. This ambitious project is being monitored closely by the highest levels in the Govt. of India. Natural gas Pipeline infrastructure development will also contribute to national prosperity for Socioeconomic needs. Therefore, most expeditious actions are requested

Thanking you,

Yours sincerely, For GAIL (India) Limited

R*K Verma DGM (S&LR)

आर. के. वर्मा/ R. K. VERMA ज्य महाप्राधिक (शर्वे एवं नू अभि.)/Dy. General Manager (S&LR) गेल (इंडिया) लिमिटेड/GAIL (India) Limited डवां तल, गेल जुबली टॉयर बी-35-36, संक्टर-1, नीएडा (उ.प्र.) 8" Floor, GAIL Jubilee Tower B-35-36, Sec.-1, Noida (U.P.)



गेल जुबली टॉवर, बी - 35 एवं 36, सैक्टर - 1, नौएडा - 201301 जिला गौतम बुद्ध नगर (यू.पी.), इंडिया

GAIL JUBILEE TOWER, B - 35 & 36, SECTOR - 1, NOIDA - 201301 DISTT GAUTAM BUDH NAGAR (UP), INDIA

फोन/PHONE : +91-120-2446400, 4862400

फैक्स/FAX:+91-011-26185941

GAIL/SAPL/NH/NHAI/2020/06/505

To, Project Director, NHAI, PIU Visakhapatnam, Near VIMS Hospital, Hanumanthavaka, Visakhapatnam, Andhra Pradesh 530040. Date:02.02.2021



Subject: Srikakulam - Angul Natural Gas Pipeline Project: - Request for granting permission to lay of 18" dia Natural Gas pipeline along with OFC by Standard HDD method using bundle for carrier pipe and OFC across National Highway-16 at 585.700 km in Village-Gundivillipeta, Mandal – Narasannapeta, District- Srikakulam.

Dear Sir,

GAIL (India) Limited, a Maharatna Company, under the aegis of Ministry of Petroleum & Natural Gas, Govt. of India, has engaged in transportation and distribution of Natural gas to various Fertilizer, Power, Steel, Petrochemical Plants, Industrial Units and also facilitate Natural Gas in the form of CNG and PNG. Presently GAIL is having a huge pipeline network of more than 13000 Km across India. GAIL is contributing a major role in India's energy requirement & distribution through continual expansion of its pipeline network.

GAIL (India) Limited has received Authorization from PNGRB (Petroleum and Natural Gas Regulatory Board), the regulatory body set up by Govt. of India, to Lay, Build and Operate a cross country Srikakulam - Angul (SAPL) Natural gas pipeline project and it shall not only enable the utilization of natural gas/ regasified LNG by various industrial consumers viz. Fertilizer, Power, Steel & Coal Sectors but also pave the way for Development of multiple City Gas Distribution networks on the way for distribution of gas by Various City Gas Companies for distribution to smaller industrial, commercial and domestic consumers as well as for construction of CNG stations for Vehicular traffic in various towns. This 700 km long Natural Gas pipeline started from Angul in state of Odisha and terminated to Srikakulam in state of Andhra Pradesh. Copy of Authorization letter by PNGRB is enclosed as Annexure-A. This is an energy infrastructure project of National importance.

The proposed 18" diameter, Carbon steel, API 5L Grade X-70, PSL-2, pipeline is intended to cross the National Highways No. 16 at Ch. 585.700 km in Village Gundivillipeta, Mandal- Narasannapeta, District - Srikakulam, which is under your jurisdiction, in the state of Andhra Pradesh.

पंजीकृत कार्यालय : गेल भवन, 16 भीकाएजी कामा प्लेस नई दिल्ली—110066, इंडिया REGD. OFFICE : GAIL BHAWAN, 16 BHIKAIJI CAMA PLACE NEW DELHI-110066, INDIA उपार के जिल्ला का अधिक का ताल अधिक का ताल अस

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Website: www.gailonline.com

In addition to above, OFC cable is also proposed to be laid across NH-16, envisaged to carry OFC cables for Supervisory Control and Data Acquisition (SCADA) system.

The pipeline shall be laid by Standard HDD method using bundle for carrier pipe and OFC as under latest OSID & API standards and company shall follow all the best standard of safety as prevailing in gas distribution industries and norms of PNGRB. Pipeline will be laid at a minimum depth of 2.0 m below the natural ground level across the location, detailed as below:

SI. No	Particulars	GAIL's PL Chainage (Km)	NH Chainage (Km)	Location of Crossing
1	National Highway- 16	406+259.65	585.700	Village - Gundivillipetai, Taluka - Narasannapeta, District - Shrikakulam.

The following drawings /documents are enclosed herewith for your ready reference.

- 1. Authorization granted by PNGRB for laying pipeline
- 2. Route map showing pipeline alignment
- 3. Cross Section Drawing.
- 4. Checklist along with relevant drawing/documents as per MoRTH guidelines for obtaining crossing permission.

We are willing to fulfill all requisite formalities including submission of applications as per your prescribed format, payment of fee, execution of agreement, if any, etc. to get your expeditious approval to lay the pipeline.

We solicit your kind cooperation and help for an appropriate early action for processing our request.

This pipeline project is of National importance and is being implemented in a time bound manner. This ambitious project is being monitored closely by the highest levels in the Govt. of India. Natural gas Pipeline infrastructure development will also contribute to national prosperity for Socio-economic needs. Therefore, most expeditious actions are requested

Thanking you,

Yours sincerely, For GAIL (India) Limited

R.K. Verma Deputy General Manager

आर. के. वर्मा/ R. K. VERMA उप महाप्रवंधक (सर्वे एवं भू अभि.)/Dy. General Manager (S&LR) गेल (इंडिया) लिमिटेड/GAIL (India) Limited क्वां तल, गेल जुवली टॉवर वी-35-36, सेक्टर-1, नीएडा (उ.प्र.) 8° Floor, GAIL Jubilee Tower B-35-36, Sec.-1, Noida (U.P.)

Enclosures: As above



Ref: - GAIL/SAPL/NH/NHAI/2020/

To,
Prashant Kumar Mishra,
Dy.Manger(Tech)
NHAI, PIU, Hanumanthavaka,
Visakhapatnam, Andhra Pradesh.

गेल जुबली टॉवर, बी - 35 एवं 36, सैक्टर - 1, नौएडा - 201301 जिला गौतम बुद्ध नगर (यू.पी.), इंडिया

GAIL JUBILEE TOWER, B - 35 & 36, SECTOR - 1, NOIDA - 201301 DISTT GAUTAM BUDH NAGAR (UP), INDIA

फोन/PHONE : +91-120-2446400, 4862400

फैक्स/FAX:+91-011-26185941

Dated: 02.02.2021

SUBJECT: Request for Granting Permission to lay 18" dia Natural Gas Pipeline along with OFC by Standard HDD method using bundle for carrier pipe and OFC across NH-16 at Km 585.700

Ref no: 1. GAIL/SAPL/NH/NHAI/2020/06/ dated: 23/09/2020 2. NHAI/PIU/-VSP/GAIL-OFC & GPL/2020/6833

Dear sir,

With reference above and as per joint visit with your representative, we would like to submit here with the amended application for granting permission to lay the Natural gas pipeline along with the OFC by standard HDD method across NH-16 at km 585.700 in village — Gundivillipeta, Taluka-Narasannapeta, District- Srikakulam, Andhra Pradesh.

The amendment of proposal prepared with revision of crossing location incorporated in drawings and other relevant documents as per guidelines issued by MORTH vide circular dated 22/11/2016 for your further necessary action

GAIL(INDIA) LIMITED, shall take all necessary safety precautions as per PNGRB Guidelines, safety standards and relevant government norms during and after laying of the pipe line.

We are willing to fulfill all the requisite formalities including submission of application as per your prescribed format, we prepared the correction in application letter, checklist, stamp duty, undertakings, execution of agreement, license fee etc., to get your expeditious approval to lay the pipeline.

We solicit your kind cooperation and help for an appropriate early action for processing our request.

पंजीकृत कार्यालय : गेल भवन, 16 भीकाएजी कामा प्लेस नई दिल्ली–110066, इंडिया

REGD. OFFICE : GAIL BHAWAN, 16 BHIKAIJI CAMA PLACE NEW DELHI-110066, INDIA आर. के. वर्मा हि. K. VERMA उप महाप्रबंधक (सर्वे एवं भू अभि.) Dy. General Manager (S&LR) गेल (इंडिया) लिमिटेड/GAIL (India) Limited

8वां तल, गेल जुबली टॉयर बी-35-36, सेक्टर-1, नौएडा (स्मिआईएन/CIN 8[®] Floor, GAIL Jubilee Tower B-1546 2601 Nijes 4601018976

Website: www.gailonline.com

This pipeline project is of National importance and is being implemented in a time bound manner. This ambitious project is being monitored closely by the highest levels in the Govt. of India. Natural gas Pipeline infrastructure development will also contribute to national prosperity for Socioeconomic needs. Therefore, most expeditious actions are requested

Thanking you,

Yours sincerely, For GAIL (India) Limited

R.K. Verma Deputy General Manager

आर. के. वर्मा/ R. K. VERMA उप महाप्रबंधक (सर्वे एवं मू अमि.)/Dy General Manager (S&LR) गेल (इंडिया) लिमिटेड/GAIL (India) Limited क्वां तल, गेल जुबली टॉयर ची-35-36, सेक्टर-1, नौएडा (उ.प्र.) 8" Floor, GAIL Jubilee Tower B-35-36, Sec.-1, Noida (U.P.)

CHECK - LIST

Guidelines for Project Directors for processing the proposal for laying of Gas Pipeline in the land along National Highways vested with NHAI.

- · Relevant circulars of Ministry of Road Transport and Highways
- 1) Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016

Check list for getting approval for laying of Gas pipeline 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 sewage /gas pipelines on highway Bridges shall not be permitted as Furmes/gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more
- (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	ltem	Information/Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	GAIL(INDIA) Limited, Jubilee Tower B-35 & 36, Sector – 1 Noida (U.P.) – 201301	
1.2	National Highway Number	NH-16	
1.3	State	Andhra Pradesh	
1.4	Location	At Village - Gundivillipeta , Taluka - Narasannapeta, District - Shrikakulam.	
1.5	(Chainage in km)	585.700 Km	
1.6	Length in Meters	60 m	Crossing
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	30 m	Crossing
	(b) Right side from center line towards increasing chainage/ km direction	30 m	Crossing
1.8	Proposal to lay underground electrical cable/OFC		
	(a) Left side from center line towards increasing chainage/km direction.	NA	
	(b) Right side from center line towards increasing chainage/km direction.	NA	
1.9	Proposal to acquire land		
	(a) Left side from center line.	NA	
	(b) Right side from center line.	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	NA	
	If not then where to lay the cable.	NA	
1.11	Details of already laid services, If any, along the proposed route	NA	
1.12	Number of existing lanes (2/4/6/8 lanes)	6 lanes	
1.13	Proposed Number of lanes (2 lanes with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	Existing	
	If yes then which side		
	(a) Left side from centre line	Existing	
	(b) Right side from centre line	Existing	
1.15	Proposed service road	Not exist	
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay Gas pipeline is after the service	NA	
	road or between the service road and main carriageway		

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आर. के. वर्मा 🛵 K. VERMA उप महाप्रदेशक (सर्वे एवं मू अभि.)/Dy. General Manager (S&LR) National Highways Authority of India (इंडिया) लिफिटेड/GAIL (India) Limited
P.I.U. VISAKHAPATNAM
8° Floor, GAIL Jubilea Tower B-35-36, Sec.-1, Noida (U.P.)

7			
	Whether carrying of sewage / Gas pipeline has been		
1.17	proposed on highway bridges.	NA	
	If yes, then mention the methodology proposed for the	177	
	same.		
	Whether carrying of sewage / Gas pipeline has been		
1.18	proposed on the parapet/any part of the bridges.		
1.10	If yes, then mention the methodology proposed for the	INA.	
	same.		
1.18	If crossing of the road involved	Crossing will be done by Standard	
	if yes, it shall be either encased in pipes or through	Crossing will be done by Standard	
	structure or conduits specially built for that purpose at	HDD Method using bundle for	
	the expenses of the agency owning the line	carrier pipe and OFC	
4	(a) Whether existing drainage structures are allowed to		
	carry sewage / Gas pipeline	NA	1
	(b) Is it on a line normal to NH	NA	
	(c) What is the distance of crossing the sewage/ Gas	The same of the sa	
1	pipelines from the existing structures.	l .	
1	Crossings shall not be too near the existing structures	l .	
	on the National Highway, the minimum distance being		
	15 meter.		1
	(d) The casing pipe (or conduit pipe in the case of		
	electric / OFC 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	· · · · · · · · · · · · · · · · · · ·	
	(e) Ends of the casing/conduit pipe shall be sealed from	Yes	
	the outside, so that it does not get as a drainess noth	res	
	the outside, so that it does not act as a drainage path. (f) The casing/conduit pipe should, as minimum extend		
	(1) The casing/conduit pipe should, as minimum extend	Vos	
	from drain to drain in outs and too of alone in the fills	Yes	
	from drain to drain in cuts and toe of slope in the fills.		
	(g) The top of the casing/conduit pipe should be at	0.0 Mark alough a laurant and alough	
	least 1.2meter below the surface of the road subject to	2.0 Mtr below the lowest ground	
1	being at least 0.3 m below the drain inverts.	level.	
	Mention the proposed details.		
	(h) Mention the methodology proposed for crossing of		
	road for the proposed sewage / pipeline.	Crossing will be done by Standard	
	Crossing shall be by boring method (HDD) [Trench-less	HDD Method using bundle for	
	Technology] especially where the existing road	carrier pipe and OFC	
	pavement is of cement concrete or dense bituminous	Same pipe and S. S	
	concrete type.		
1	(I) The casing/conduit pipe shall be installed with an		
1	even bearing throughout its length and in such a	Yes	
	manner as to prevent the formation of a waterway	100	
	along it.		
2	Document / Drawings to be enclosed with the		
	proposal.		
	Cross section showing the size of trench for open	1	
2.1	trenching method (Is it normal size of 1.2m deep X		
1	0.3m wide)	8	
	(i) Should not be greater than 60 cm wider than the		
	outer diameter of the pipe.		
1	(ii) Located as close to the extreme edge of the right-of-		1
	way as possible but not less than 15 meter from the		
	centre-lines of the nearest carriageway.	NA	
	(iii) Shall not be permitted to run along the National		1
	Highways when the road formation is situated in double	1	1
	cutting. Nor shall these be laid over the existing culverts	İ	
	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.		
	aramago or the road land.		7

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अपर. को. मि R K VERMA

उस महाप्रवेधक (क्षे एवं पूर्व कि Dy. General Manager (S&LR)

एवं महाप्रवेधक (क्षे एवं पूर्व कि Dy. General Manager (S&LR)

गेल (इंडिया) कि टिंड (GAIL (India) Limited

गेल (इंडिया) कि टिंड (GAIL (India) Limited

वेल (इंडिया) कि टिंड (GAIL (India) Limited

∇				
	2.2	Cross section showing the size of pit and location of	f Yes	Cocation of cable isshown.
-		cable for HDD method.	163	litis outside Row.
		Strip plan / Route Plan showing Gas pipe line		
	2.3	Chainage, width of ROW, distance of proposed Gas		
		pipeline with OFC from the edge of ROW, importan	t	
-	0.4	mile stone, intersections, cross drainage works etc.		
H	2.4	Methodology for laying of Gas pipe line.		
		Open trenching method. (May be allowed in utility		
	2.4.1	corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes	LIDD M. W. I. I. W. C.	
		What is the Methodology of refilling of trench.	carrier pipe and OFC	
H		(a) The trench width should be at least 30 cm, but not	6	
		more than 60 cm wider than the outer diameter of the		
		pipe.	i INA	
H		(b) For filling of the trench, Bedding shall be to a depth		
		of not less than 30 cm. It shall consist of granular		
			1 1	
		material free of lumps, clods and cobbles and graded to	I NIA I	
		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 to the pipe and (ii) overfill to the	NA	
1		bottom of the road crust.		
		(d) The side fill shall consist of granular material laid in		
		15cm layers each consolidated by mechanical		
		tampering and controlled addition of moisture to 95% of the Proctor's Density. Over fill shall be compacted to		
		the same density as the material that had been		
		removed. Consolidation by saturation or pending will		
		not be permitted.		
\vdash		(e) The road crust shall be built to the same strength as		
		the existing crust on either side of the trench. Care shall	10,000	
		N N N N N N N N N N N N N N N N N N N	NA	
-		be taken to avoid the formation of a dip at the trench.		
		(f) The excavation shall be protected by flagman, signs	N10	
		and barricades, and red lights during night hours.	NA	
-		(g) If required, a diversion shall be constructed at the		
		expenses of agency owning the utility line	NA	
2		Horizontal Directional Drilling (HDD) Method	Yes	
		Methodology for laying of Gas pipe Line through CD		
1	13	works and method of laying. In cases where the	N/a	
1	.4.5	carrying of Gas pipeline on the bridge becomes	NA	
<u>_</u>		inescapable.		
-	3	Draft License Agreement signed by two witnesses	Yes	
		Performance Bank Guarantee in favour of NHAI has to		
		be obtained @ Rs 50/- per running meter (parallel to		
		NH) and Rs1,00,000/-per crossing of NH, for a period		
1		of one year initially (extendable if required till satisfactory	1	
		completion of work)as a security for ensuring/making		
		good the excavated trench for laying the Gas pipeline	Undertaking has been attached.	
	- 1	with OFC /ducts by proper filling and compaction,		A A
		clearing Debris/loose earth produced due to execution	The PBh shall be por	vided by / ///
1		of trenching at least 50m away from the edge of the	agency after getting	alpha del.
		ight of way. No payment shall be payable by the NHAI		
	t	o the licensee for clearing debris /loose earth.		
_		Performance BG as per above is to be obtained.	^ \\	
4		Confirmation of BG has been obtained or not as per	Yes NA VW)
	I	NHAI guidelines	Tex IVII	

USITE of State Brants)

आर. के. चर्मा / ए. VERMA

जम महाप्रवेषक (पर्व प्र वि प्र प्र वि प्र प्र ति)/Dy. General Manager (S&LR)

जम महाप्रवेषक (प्रवि प्र व् प्र वि प

	Affidavit / Undertaking from the Applicant for the	
1	<u>following is to be furnished.</u> Not to Damage to other utility, if damaged then pay the	
	losses either to NHAI or to the concerned agency	Yes, Enclosed
	For Renewal of Bank Guarantee	Yes, Enclosed
	For Confirming all standard condition of Ministry	
	Circulars and NHAI's guideline	Yes, Enclosed
	For Shifting of Gas pipe line as and when required by	
	NHAI at their own cost	Yes, Enclosed
5.5 F	For Shifting of Gas pipeline due to 6 lanning / widening	V = 1
J.J c	of NH	Yes, Enclosed
	or Indemnity against all damages and claims	Yes, Enclosed
	or Traffic movement during laying of Gas pipe line to	Von England
	pe managed by the applicant.	Yes, Enclosed
	f any claim is raised by the Concessionaire then the	Yes, Enclosed
S	same has to be paid by the applicant.	
	Prior approval of the NHAI shall be obtained before	
	undertaking any work if installation, shifting or repairs,	
	or alterations to the Gas pipe line/any other utility	. 55, 2.100500
	ocated in the National Highway right-of-ways.	
14	Expenditure, if any, incurred by NHAI for repairing any	
	lamage caused to the National Highway by the laying, naintenance or shifting of the Gas pipe line will be	
	forme by the applicant agency owning the line. The NHAI considers it necessary in future to move the	
	tility line for any work of improvement or repairs to the	
re	pad, it will be carried out as desired by the NHAI at the	
	ost of the agency owning the utility line within a	
	easonable time (not exceeding 60 days) of the	
	ntimation given.	
	Certificate from the applicant in the following format	
) Laying of Gas pipe line will not have any deleterious	
	ffects on any of the bridge components and roadway	Yes, Enclosed
sa	afety for traffic.	,
	i) "We do undertake that I will relocate service	
ro	pad/approach road/utilities at my own cost	
	otwithstanding the permission granted within such	Yes, Enclosed
	me as will be stipulated by NHAI" for future six-	
	nning or any other development."	
	ho will sign the agreement on behalf of Gas pipe line	Deputy General Manager on
ag	gency?	behalf of Gail (India) Limited
	ower of Attorney to sign the agreement is available or	Yes, Enclosed
no		100, Endiosed
	he Project Director, will submit the following	
	ertificates.	
	ertificate for proposal for confirming of all standard	
	ondition issued vide Ministry of Road Transport and	
	ighways Circular No. NH-III /P /66 /76 dated 8/19.11.1976, RW/NH-III/P/66/76 dated 11.5.1982,	
	W/NH-11037/1/86/DOI (ii) dated 28.7.1993, RW/NH-	Λι
	037/1/86/DOI dated 19.1.1995, RW/NH-	Affalhed
5000	19.1.1995, RW/NR-1966/2/95/S&R dated 25.10.1999, Circular No.	
RV	N/NH-34066/7/2003 S&R (B) dated 17.9.2003,	
RV	W/NH-33044/27/2000-S&R (R) dated 21.03.2006	
an		
	1.11.2016	
_	ertificate from PD in the following format	
	" It is certified that any other location of the Gas	
	peline would be extremely difficult and unreasonable	A.1
	stly and the installation of Gas pipeline within ROW	Allahed
	I not adversely affect the design, stability & traffic	1114
saf	fety of the highway nor the likely future improvement	
suc	ch as widening of the carriageway, easing of curve	
etc	,11	आर. के. निर्मा हैरि. हे प्रे
1010	^	and on him/ki

प्राथित प्रमाधित प्र

σ.	Francisco de la companya del companya de la companya del companya de la companya		
	(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 structure at		
- 1	the said location".		
	(b) In case feasibility report is not available "I do certify		
1	that sufficient ROW is available at site for		
	accommodating proposed six-laning".		
	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		
1	has been granted the right to lay Gas pipeline with	1	
		N I	
8	OFC/duct has also been granted as a right of way to	11.00	
	the concessionaire under the concession agreement	l e	
	for up-gradation of [Section		1
	from Km to Km of NH No		
1	on Build, Operate and Transfer basis] and		
	therefore, the licensee shall honour the same."		
9	Who will supervise the work of laying of Gas pipe line		
	(a) On behalf of the Applicant	Officer of Gail (India) Limited	
		IE/Concessionaire on behalf of	
7	(b) On behalf of NHAI	NHAI	į.
7	Who will ensure that the defects in road portion after		
10	The state of the s		1
	corrected then what action will be taken		
	(a) On behalf of the Applicant	Officer of Gail (India) Limited	
	(h) On h = h = 15 = 5 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	IE/Concessionaire on behalf of	
	(b) On behalf of NHAI	NHAI	
	Who will pay the claims for damages done/disruption in		
11	working of Concessionaire if asked by the		
	Concessionaire?		
	On behalf of the Applicant	Gail (India) Limited	
	A certificate from PD that he will enter the proposed		
12	permission in the register of records of the permissions	Enclosed	
	in the prescribed proforma (copy enclosed).		1
	If any previous approval is accorded for laying of		
10	underground Gas pipeline then Photocopy of register	Not accorded any pervious	
13	of records of permissions accorded as maintained by	approval	
1	PD then copy be enclosed		

आर. के. वर्मा/ R. K. VERMA जप महाप्रकार (वर्ष प्रं मू अपि)/Dy General Manager (S&LR) गेल (इंडिया) किंग्ग्रिड/GA!L (India) Limited हवां तल, गेल जुनली टींगर पे-35-36, संस्टर-1, नीएडा (उ.प्र.) 8° Floor, GAIL Jubilee Tower B-35-36, Sec.-1, Noida (U.P.)

National High As Authority of India P.J.U. VISAKHAPATNAM

SPECIFICATION REPORT

Specification report to accompanying the estimate towards "License Fee" for Laying of 18" dia Natural Gas pipeline along with OFC by Standard HDD method using bundle for carrier pipe and OFC across NH- 16 at 585.700 Km at Gundivillipeta Village, Narasannapeta Mandal, Srikakulam District in the state of Andhra Pradesh by M/s Gail (India) Limited.

Estimate Amount: Rs. 15000

The Deputy General Manager, Gail (India) Limited, Srikakulam- Angul Natural Gas Pipeline Project has requested to give permission for Laying of Natural Gas pipeline with OFC across NH- 16 at 585.700 Km at Gundivillipeta Village, Narasannapeta Mandal, Srikakulam District in the state of Andhra Pradesh.

The rate of land abutting NH/SHZPP/MPP are not available rates of Local Land rates is used for calculation of license fee.

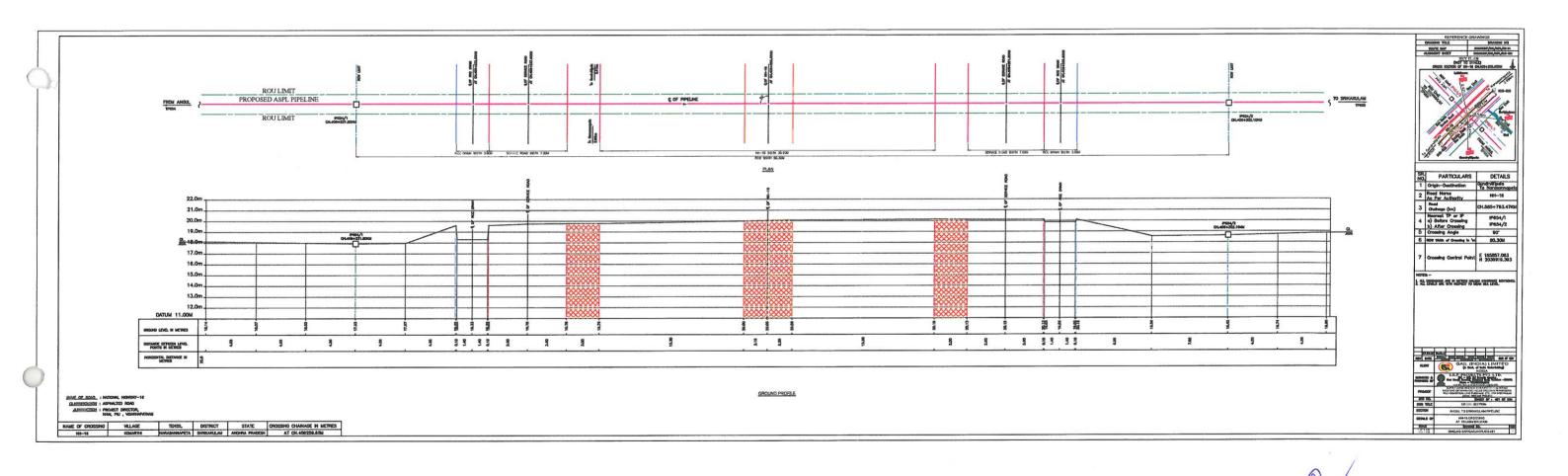
CLN				Rate of Land Abutting NH		
Sl No.	Description	Chainage	Length (m)	Per Acre	Per Sq.m	
1	National Highway-16 (Gundrvillipeta to Narasannapeta, between KMS- 585 & KMS-586	Road Crossing at Km 585.700	60.00	5,324,000	1316	

The land rate corresponding to the chainage is used for calculation of License fee.

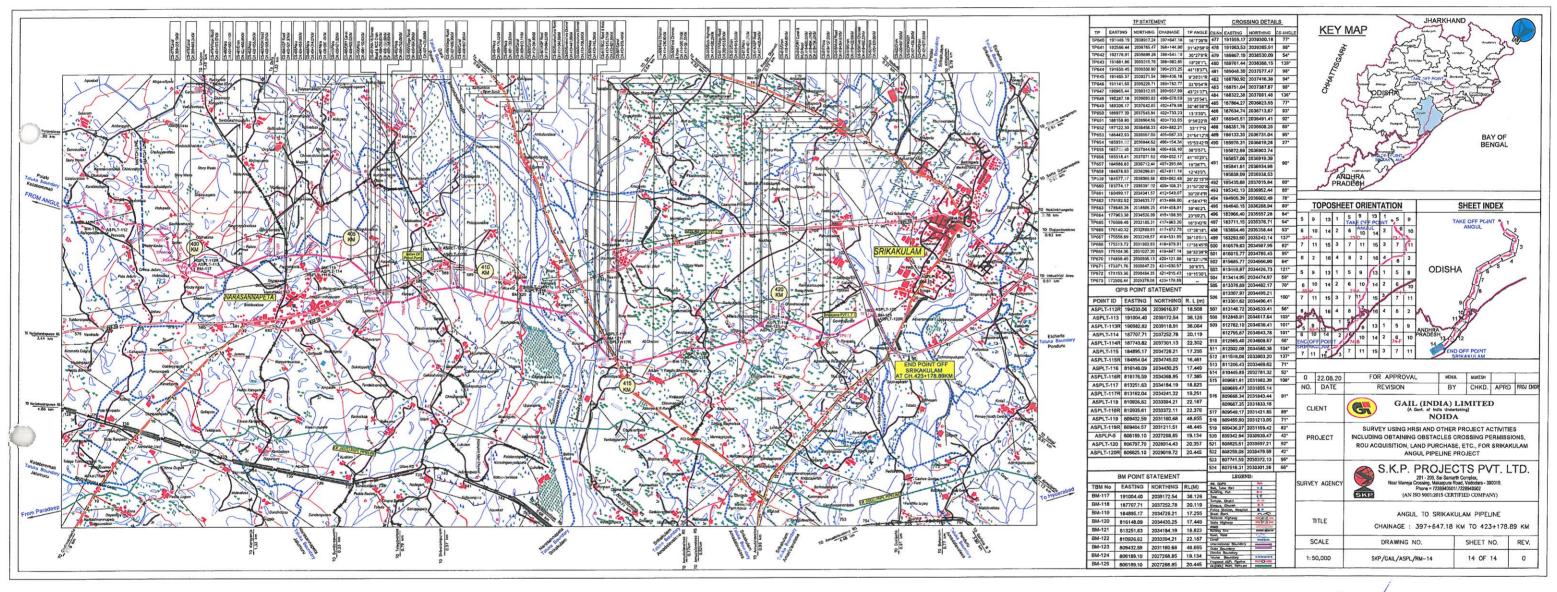
Hence the license fee estimate prepared as per MORTH Circular Memo No. RW/NH/33044/29/2015/S&R(R), dated: 22.11.2016.

आर. के. वर्मा/ R. K. VERMA
उप गडारवंवक (सर्व प्रे प्राप्त)/Dy General Manager (SSLR)
उप गडारवंवक (सर्व प्रे प्राप्त)/Dy General Manager (SSLR)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
इंडिया स्वाप्त स

CROSS SECTION OF NH-16 CH.406+259.65KM (NOT TO SCALE) Lakhimera A Narasannapeta POU Limit ROSA PRO ASPI Rowlikit DOSPITATURAL. KMS-585 Rowlinix Borigivalasa service Road Rec Drain Let Dreith Well AROM MCUL आर. के. वर्ष X. K. VERMA Gundryillipet पुष्प मुक्कि (सर्वे एवं मू अहे) Dy. General Manager (S&LR) गेल (इंडिया) लिमिटेड / GAIL (India) Limited 8वां तल, गेल जुबली टॉवर बी-35-36, सेक्टर-1, नौएडा (उ.प्र.) 8* Floor, GAIL Jubilee Tower B-35-36, Sec.-1, Noida (U.P.)



आर. के. वर्मा/ R. K. VERMA उप महाप्रबंधक (सर्वे एवं भू अगि.)/Dy. General Manager (S&LR) गेल (इंडिया) लिमिटेड/GAIL (India) Limited कवां तल, गेल जुबली टॉवर बी-35-36, रोवटर-1, नौएडा (उ.प्र.) 8° Floor, GAIL Jubilee Tower B-35-36, Sec.-1, Noida (IJP)



आर. को. वर्मा / F उप महाप्रकाक (सर्वे एवं मू अमि.)/D

आर. कॅ. वर्मा/ R. K. VERMA उप महाप्रकंक (सर्वे एवं मू अभि)/Dy. General Manager (S&LR) गेल (इंडिया) जिमिनेत / GAII. (India) Limited

87 Floor, GAIL Judice

