

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एव राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

क्षेत्रीय कार्यालय (उत्तराखण्ड) - मकान नं-58/37, बलबीर रोड़, देहरादून- 248001 Regional Office (Uttarakhand) - House No.-58/37, Balbir Road, Dehradun- 248 001 Phone: 0135-2669752 & 62 E-mail: routtarakhand@nhai.org Website: www.nhai.gov.in

50063 /NHAI/RO-UKD/2014/17876

21-09-2022

Invitation of Public Comments

Sub:-Proposal submitted by M/s GAIL (India) limited for Seeking Permission/NOC for laying of 8" dia Haridwar-Rishikesh-Dehradun Gas Pipeline (HRDPL) along the road through service road at Haripur Kalan (near Apsara Hotel) in a length of 66m (LHS) & 1 crossing of NH-58 at Ch.216+150 of NH-58 (Nepali Farm) in a length of 60m by open trench method-reg

The proposal is regarding permission for laying of a Public Utility "City Gas Distribution (CGD)" Steel Gas Pipeline of 8"NB along the road through service road at Haripur Kalan (near apsara hotel) from Km.208+920 to Km208+986 (LHS) of NH-58 & 1 Crossing of length 60m at Km 216+150 of NH-58 for a total length of 100m by Open trench method in the State of Uttarakhand submitted to this office by PD, PIU-Vasant Vihar vide letter no. NHAI/PIU-VSNT VHR/Retail Outlet/2021/3174 dt. 16.09.2022.(Copy enclosed)

The proposed locations of pipeline laying along with proposed methodology are as hereunder:

SI.	Chainage in Km.			NH Length		pioposed for	Remarks
No.	From	То	Side		(in m)	laying of Pipeline in this portion of highway	
1.	208.920	208.986	LHS	58	66	Open trenching through service road (Depth-1.5m, Width8m)	Along
2.	At 216.150		Crossing	58	60	Open Trenching (Depth-1.5m, Width8m)	Across
Tota	l length (in m	1)			126m		

As per MoRTH Guidelines no. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administrator will make available the subject proposal for 30 days in the public domain for seeking public comments/objections (on the ground of public inconvenience, safety and general public interest).

In view of foregoing para, comments/objections of the public on the above proposal is invited to the below mentioned address, which should reach by this office within 30 days from the date of uploading beyond which no comments shall be entertained.

The Regional Officer,
Regional Office-Uttarakhand
National Highways Authority of India
(Ministry of Road, Transport & Highways)
House No.-58/37, Balbir Road, Dehradun-248001

Yours faithfully,

(C.K Sinha)

CGM (Tech.) cum RO-Uttarakhand

Encl: As above

Copy to:

- 1) Web Admin-NHAI HQ, New Delhi:- with request for uploading on the NHAI website.
- 2) Senior Technical Director, NIC, Transport Bhawan, New Delhi:- with request for uploading on the Ministry's Website.
- 3) PD, PIU-Vasant Vihar- for information & to take suitable necessary action w.r.t following:
- (i) to exercise the powers & functions of Highway Administrator in pursuant to section 26 & 27 of The Control of national highways (land & traffic) act, 2002 for removal of encroachment within RoW at apsara hotel
- (ii) MoRTH letter no. NOC enhancement/NIC/MoRTH/2022/1 dt. 13.05.2022
- 4) Senior Manager (PE), R.T. Haridwar Jwalapur-249407 (Uttarakhand):- for information & suitable necessary action.

NEDALS GARCO

CHECK-LIST

Guidelines for processing the proposal for laying of utility line in the land along National Highways vested with NHAI/PWD/BRO

Relevant Circulars

Ministry of Road Transport & Highways guidelines vide letter No. RW/NH-33044/29/2001/S&R(R) dated 22-11-2016.

I.No.	Item	Information/ Status	Remarks	
1	General Information			
1.1	Name and Address of the Applicant/ Agency	GAIL (INDIA) LTD.		
4.0	National Highway Number	NH-58 (NEW NH-34)		
1.2 1.3	State	UTTARAKHAND		
	Location	NEPALI FARM		
1,4 1.5	(Chainage in km)	216.150 KM		
1.6	Length in Meters	60 mts		
1.7	Width of available ROW			
1.1	(a) Left side from center line towards increasing chain age/ km direction	Width (Boxta)		
	(b) Right side from center line towards increasing chalnage/ km direction	Width (30 mts)		
1.8	T Proposal to lay the utility			our service Road 4 m
	(a) Left side from center line towards	216.150 Km (Kegth-	South TO CA	Carriage May)
	(b) Right side from center line towards increasing /km direction	216.150 Km (Keng) K-	omple to CA	comiage way)
1.9	Proposal to acquire land	MA		carriage way)
1,4	a) Left side from center line	NA		
aria, in inciden a a incidencia de la composición del composición de la composición de la composición de la composición de la composición del composición de la composición del composición de la composición del composición dela composición dela composición dela composición dela composición dela comp	b) Right side from center line	NA		
1.10	Whether proposal is in the same side where land is not to be acquired	NA		
and the second second second second	If not then where to lay the Water pipe line	NA		
1.11	Details of already laid services, if	NO UTILITY		
1.12 .	Number of existing lanes (2/4/6/8	4		
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA		
1.14	Service road existing or not	Y69	-	in the second se
	If ves then which side	1	1	
	(a) Left side from center line	width 18 mts	1	
	(b) Right side from center line	width 18 mts	+	
1.15	Proposed Service road	MA		the control of the co
1117	(a) Left side from center line	NA		

परियोजना निर्देशक/Project Director भारतीय राष्ट्रीय राजभार्य प्राधिकरण National Highways Authority of India (सड़क परिवहन राजमार्य मंत्रालय, भारत सरकार) Ministry of Road Transport & Highways भाठआई०वृ०-वसन्त विहार, वेहरादून Baneste

ছতিত সংগ্ৰেক (Pet / Second Habits of (PE) गेल (মুক্তিমত) ফিলিক্ডেম্বেম, proteiningal Jubac Tower, B 35 & 36 Sector-1 Notes (U.P.) 201301

	The second secon		
	(b) Right side from center line		
1.16	Whether Proposal to lay pipe line is	AFTER THE SERVI	2
w	after the service road or between the	ROAD	C
	service road and main carriageway	F. COTL	
1.17	Whether carrying of sewage/gas		
	pipeline has been proposed on	No	
	highway bridges? If Yes, then	700	
	mention the methodology proposed		
1. 1. 1.	for the same		7
1.18	Whether carrying of sewage/gas		
	pipeline has been proposed on the		A
	parapet/any part of the bridges?	NO	
	If Yes then mention the Methodology		
	proposed for the same		
1.19	Is Crossing of the Road involved?		
	If Yes, it shall be either encased in		
	pipes or through structure or	1/10	
	conduits specially built for that	Yes	
1.	purpose at the expense of the agency		
	owning the line		
	a) Whether the existing drainage		
	structures are allowed to carry	No	
	the utility pipeline.		
	b) Is it on a line normal to NH	Yec	
	c) What is the distance of crossing	/	
	the utility pipelines from the		
	existing structures?		
	Crossings shall not be too near the	15 m/n	
	existing structures on the national		
	highway, the minimum distance being		
	15 meter.		
	d) The casing pipe (or conduit pipe		
	in the case of electric cable) line		
	carrying the utility line shall be of	NA	
	steel, cast iron or reinforced		
	concrete and have adequate		
	strength and be large enough to		
	permit ready withdrawal of		
	carrier pipe/ cable		
	Mention type of casing		and marketing the second
	e) Ends of the casing/conduit		
	pipe shall be sealed from outside, so	NA	
	that it does not act as a drainage		
	path		
	f) The casing/conduit pipe should		
	be as minimum extend from drain	NA	
	to drain in cuts and toe of slope in	14/7	
	fills		
	g) The top of the casing/conduit		
	pipe should be at least 1.2meter		
	TOTAL TOTAL CONTRACTOR SERVICE CONTRACTOR SERVICES AND		

प्रबन्धक (तकनीकी) अवन्यक (ताकनाका) भारतीय राज्दीय राजनार्व प्राधिकरण (तहरू परिपादन राजनार्व बंजालय, भारत सरकार) एक्कर्य क्रमाना जिल्हा, देहरादून ब्रिक्स किरोबर /Project Director

ब्रिक्स किरोबर ग्रामान प्राप्त प्राप्त प्राप्त का India
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National Highways नेताल के Authority of Road Transport के Authority of Road Transport का India
Ministry of Road का India
Ministry of Road का India
Sector-1 Noices (U.P.) 201301

	below the surface of the road	In In donth depth
学诗	subject to being at least 0.3 m	Francisch Curface
	below the drain inverts.	of Road 41 mts deep from drain bed
	Mention the proposed details	07 Rodg 4 1 m/2 CCP .
	h) Mention the methodology	Trenching Method
	proposed for crossing of the road	1 senoning mena
	for the proposed water/sewage/Gas	Due to presence
	pipeline. Crossing shall be by	No.
	boring method (HDD) (Trenchless	of heavy .
	Technology) specially where the	
	existing road payment is of cement	boulders in soil
	concrete or dense bitumen concrete	Starta HDD method fails)
	1 1	
	type	
	The casing/conduit pipe shall be installed with an even bearing.	
,	throughout its length and in such	NOTED.
	a manner as to prevent the	
	formation of a water way along it.	
2	Documents / drawings to be enclosed	Enclosed
	with the proposal	E NCLOSE W
2.1	Cross section showing the size of	Enclosed
	trench for open trenching	
	Is it normal size of 1.2m deep x 0.3 m	Size 2mts deep 4 0.8 mts wide.
	wide	
	i) should not be greater than 60cms	
	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 15m from the center	
	line of the nearest carriageway iii) shall not be permitted to run along	
- 3	the National Highways when the road	
	formation is situated in double cutting	
	nor shall these be laid over the	
	existing culverts and bridges	to the second and the second s
	iv) These should be so laid that their	2 mth deep from
Ä	top is at least 0.6m below the	top sunface of
	ground level so as not to obstruct	2 1 0 1 1 1 1 mot abote of chemose.
,	drainage of the road land	Road So it will not obstruct chemage.
2.2	Cross section showing the size of pit	NA
	and location of pipe for HDD method	
2.3	Strip plan / Route Plan showing	
	utility/Gas pipeline chainage, width	Enclosed
	of ROW distance of proposed pipe	Chekese a
-	line from the edge of KOVV	
	Important mile stone, intersections,	
	cross drainage works etc.	

प्राचित्र राष्ट्राल मीना (स्वराक / Project Director प्राचित्र गर्माय प्राचित्ररण (स्वरा प्राचित्र गर्माय गर्माय प्राचित्ररण (स्वरा प्राचित्र गर्माय प्राचित्र (स्वरा प्राचित्र गर्माय प्राचित्र (स्वरा प्राचित्र गर्माय प्राचित्र (स्वराम् प्राचित्ररण प्राचित्र राष्ट्रीय राजमार्थ प्राचित्ररण प्राचित्रयण प्राचचित्रयण प्राचचित्रयण प्राचित्रयण प्राचचित्रयण प्राचचित्रयण प्राचचित्रयण प्राचच प्राचच प्राचच

चित्रित प्रकृष्टि (PE) (Serior manager (PE) मेल (इतिहास) किसिट्ड (SAC (Incla) Limited Jubiles Tower, E 35 & 36 Sector-1 Notas (U.P.) 201301

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		T .	
	Cit - Liailla	and the state of t	
2.4	Methodology for laying of the Utility pipeline	OPEN CUT METHOD	
2.4.1	Open trenching method (may be allowed in utility corridor only where	METHODOLOGY	
193	navement is neither cement concrete		
	nor dense bituminous concrete type)	(Enclosed)	
	If yes, what is the methodology		
	of refilling tile trench		
	a) The trench width should be at least 30 cms, but not more		
:	than 60cms. Wider than the	Agreed	
	outer diameter of the pipe.		
	b) For filling of the trench,		
	Bedding shall be to a depth of		
	not less than 30 cms. It shall		
	consist of granular material,	Accord	
	free of lumps, clods, cobbles	Agreed	
	and graded to yield firm		
	surface without sudden change in the bearing value.		
	Unsuitable soil and rock		
	edges should be excavated		
	and replaced by selected		
	material.		
	c) The backfill shall be		
	completed in two stages- i)	Dogod	
	side fill to the level of the top	Agreed	
	of the pipe and ii) overfill to	V	
	the bottom of the road crust d) The side fill shall consist of		
	d) The side fill shall consist of granular material laid in 15		
:	cms. layers each consolidated		
	by mechanical tampering and		
	controlled addition of moisture	Agreed	
5.4	to 95% of the proctor density.		
	Overfill shall be compacted to		100
	the same density as the		
والتنام المدووية	material that has been		
	removed. Consolidation by saturation or ponding will not		
•	be permitted		
	e) The road crust shall be built		
	to the same strength as the		
	existing crust on either side of	Agreed	
	the trench. Care shall be	V	
	taken to avoid the formation		
	of a dip at the trench.		
	f) The excavation shall be	Agreed	
	protected by flagman, Signs	1 (/	<u> </u>

पहिल्मीना
प्रवन्धक (तकनीकी)
भारतीय राज्येष राजमार्ग प्राधिकरण
भारतीय राज्येष राजमार्ग प्राधिकरण
(तहक परिचटन राजवार्ग नंतालय, भारत सरकार)
प्रवाद राजवार्ग नंतालय, देवराहून

24

राजीव विनर्शितक PECV EachER IEE विनेश प्रकृषक (PE) / Serior manager (PE) गेल (इंग्डिंग) किनिट्य केंद्रिट (incis) Umited Jubiee Tower, 8 35 & 36 Sector-1 Noida (U.P.) 201301

·• 5	and barricades and red lights during night hours.	Agreed
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Agreed
2.4.2	Horizontal Directional Drilling (HDD) Method	NA
2.4.3	Methodology for laying of the pipeline through CD works and method of laying in cases where the carrying of gas pipeline on the bridge becomes inescapable	MA
3	Draft License Agreement signed by two witnesses	Signed (Copyenchued)
3.1	The License fee estimate as per Ministry's guidelines issued vide	Already Deposited
	circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	(Copy enclosed)
4	Whether Performance Bank Guarantee as per Ministry guidelines issued vide circular No. RW /NH/33044/29/2015/S&R dated 22-11- 2016 is obtained	Already Deposited (Copy Enclosed)
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAl guidelines	OBTAINED
5	Affidavit/Undertaking from the Applicant for following is to be furnished	
5.1	Undertaking for not to damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI	Enclosed
5.3	Undertaking for confirming all standard conditions of Ministry/NHAl's guidelines	Enclosed
5.4	Undertaking for Indemnity against all damages and claims	Enclosed
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic	Exclosed
5.6	Undertaking that if any claim is raised	Enclosed

शरियोजना निदेशक / Project Director
भारतीय राष्ट्रीय राजमार्ग प्रधिकरण
National Highways Authority of India
(सड़क बरिवहन राजमार्ग मंत्रालय, भारत सरकार) गेल (स्थित्र)
Ministry of Road Transport & Highways
भेलआई०यु०-वयन्त विहार, देहरादून
Security Noise (U.P.) 201301

	by the Concessionaire/contractor then the same has to be oald by the applicant	Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the utility located in the National	Enclosed	
5.8	Highway Right of Ways. Undertaking that expenditure if any incurred by NHAI for repairing any damage caused to the NH by laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line	Enclosed	
5.9	Undertaking that text of the License deal is as per verbatim of format issued by MoRTH vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Enclosed	
5.10	Undertaking that the applicant has obtained various safety clearances from the respective authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, state/central pollution control board and any other statutory clearances as applicable, before applying to Highway Administration.	Enclased	
5.11	If the MoRTH/NHAl considersit 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 MoRTH/NHAl at the cost of the Agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given	Enclosed	
5.12	Certificate from the applicant in the following format i) Laying of Gas pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic ii) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission	Enclosed	

राहुंचिक्ती प्रबच्धक (तकनीकी) भारतीय राजप्तीय राजपार्ग प्राधिकरण भारतीय राजपार्ग भंजालय, भारत सरकार) (जहार परिचाय राजपार्ग भंजालय, भारत सरकार)

परियोजना निदेशकर Project Director भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार) Ministry of Road Transport & Highways पीठआटेज्युट-यसन्त विहार, देहरादून राजीव बनाना ६४ (१६० है वर्ड हैने हैं) वरिक प्रबंधक (२६)/Se in piaceaper (२६) मेल (इंग्डम) लिनेट्ड/Set (pics) Limbed Jubice Tower, E 35 & 36 Sector-1 Noida (U.P.) 201301

	granted within such time as will be			
門等	stipulated by NHAI for future six laning			
A ST	or/ any other development.			
~	Who will sign the agreement on	Deer Policom		
6	behalf of Gas pipe line agency?	RAJEEV BANERJEE SM (PE)		
• i		Sm(PE)		
	Power of attorney to signthe			
	Agreement is available or not			
7	The Project Director shall submit the			
	following Certificates			
7.1	Certificate that the proposal is			
	confirming to all standard conditions			
	issued vide MoRTH circular No.			
	RW/NH/33044/29/2015/S&Rdated 22-			
	11-2016			
7.2	Certificate from the PD in the following			
,	format			
	i) "it is certified that any other location			
•	of the utility pipeline would be			
	extremely difficult and unreasonably			
	costly and the installation of utility			
	pipeline within RoW will not adversely			
	affect the design, stability and traffic			
,	affect the design, stability and traine			
	safety of the highway nor the likely			
j	future improvement such as widening			
	of the carriage way, easing of ourvo"	ing a second of the second of		
	ii) for six 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 the said			
	location".			
	 b) In case feasibility report is not 			
	available "I do certify that			
	sufficient ROW is available at		₩.	
	site for accommodating			1 Olivan
:	proposed six-toning"	-		रिहरा गाना
	<i>V</i> :			प्रबन्धक (तकनीकी)
	If NH section proposed to be taken			भारतीय राजीय राजमार्ग प्राधि करण "
•	II INTI Section proposed to be taken		150	क परिवरण राजनार्थ संज्ञान आविकरण क परिवरण राजनार्थ संज्ञानय, भारत सरक
	up by NHAI on BOT basis - a clause		1430	1
	is to be inserted in the agreement		1976	प्रकाशक (असार प्रात्त्र), देनसङ्ग
	"the permitted highway on which		l may s	
	licensee has been granted the right	*	1	
	They to low apple land her sleet	in a suggestion of the second of the second of		
	of way to lay cable /duct has also	A STATE OF THE STA		भारतीय तरिभ्युक्त Andrews of India
	been granted as a right of way			भाजना निरंगक / Project Directory क्रिकार मार्चिक राजना जानकरण (note क्रिकार) भारतीय सार्वाय अस्ति स्वारो आर्याय सार्वाय अस्ति सार्वाय
	concessionaire under the concession			निरंगका प्रामान प्राप्त of month
	agreement for up gradation of		ক্	The Treats Author and ahways
	section from Km to km			भाजना निद्यान /Project Directory India भाजना निद्यान /Project Inflation भाजना निद्यान /Project India भाजना निद्यान / भाजना भाजना भाजना भाजना मानामा भाजना भाजना अभाजना स्वालामा भाजना अभाजना अभाजना स्वालामा भाजना स्वालामा भाजना स्वालामा भाजना स्वालामा भाजना स्वालामा भाजना स्वालामा भाजना स्वालामा स्वा
. 1	SECTION CONT. CONT.			TOUR LA COLL TOURS LANGE TO THE STATE OF THE

राणीव बेनजी/स्टेड IEEV EXNER IEE बिलेट प्रबंधक (PE) / Serior mansgar (PE) गेल (इविड्या) लिनिटेड /GAL (Incia) Limited Judice Tower, E 35 & 36 Sector-1 Noida (U.F.) 201301

* €	of NH no on Build, Operate and Transfer basis and therefore the licensee shall honor		
9	Who will supervise the work of laying of Utility Pipe line		
	a) On behalf of the applicant b) On behalf of MoRTH/NHAI	RAJEEV BANERJEE	
10	Who will ensure that the defects in road portion after laying of utility pipeline 'are corrected and if not corrected then what action will be taken		
	c) On behalf of the applicant	RAJECY BANERJEE	
	d) On behalf of MoRTH/NHAI		
11)	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	GAL (FNOIA) UTD,	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed)		
13	If any previous approval is accorded for laying cable line then Photocopy of register of records of permissions accorded (as maintained by PD) to be enclosed.	Enclosed	

प्रहार भीना प्रबन्धक (तकनीकी) भारतीय राज्येय राज्यार्ग प्राधिकरण भारतीय राज्येय राज्यार्ग प्राधिकरण प्रवादन राज्येय बंजालय, भारत सरकार)

परियोजना निर्देशक/Project Director भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India (शहक प्रोप्ताय राजपार्ग गत्राच्या, भारत संस्कार) भिर्माण स्थित राजपार्ग गत्राच्या, भारत संस्कार) MOUSE STORY STORY

XIVII 4 क्लोपी क्रिक्ट डिक्ट है क्रिक्ट डिक्ट के परित्र प्रकेशन (PE) /Secrot menager (PE) गेल (प्रविद्या) क्रिक्टिक क्रिक्ट (mois) Limited July less Tower, S.AS & 36 Secrot-1 Noids (U.P.) 201301 APSARA

CHECK- LIST

Guidelines for processing the proposal for laying of utility line in the land along National Highways vested with NHAI/PWD/BRO

Relevant Circulars

Ministry of Road Transport & Highways guidelines vide letter No. RW/NH-33044/29/2001/S&R(R) dated 22-11-2016.

		Information/ Status	Remarks
SI.No.	Item	Internation States	مستنسب مستنب قارت
11	General Information	GENERAL INSTRU	
1.1	Name and Address of the Applicant/ Agency	GAIL (INDIA) LIMITED	
1.2	National Highway Number	NH-58 (NEWNH-34)	
1.3	State	UTTARAKHAND	
	Location	APSARA HOTEL	
1,4	(Chainage in km)	208,920 - 208-386	
1.5	Length in Meters	66 mtu	
1.6	Width of available ROW	48 m/2	
1.7	(a) Left side from center line towards		
2 2 2	increasing chain age/ km direction	24 mh	10,,,,,,,
	(b) Right side from center line towards increasing chalnage/ km direction	24 mts	
1.8	Proposal to lay the utility		-
1.0	(a) Left side from center line towards	· ·	
	Increasing chainage /km direction	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	(b) Right side from center line towards	Right Side (In Sex	40 RXX
	increasing /km direction	70"	166 1000
1.9	Proposal to acquire land	NA NA	
1.0	a) Left side from center line	MA	
	b) Right side from center line	NA	
1.10	Whether proposal is in the same	1/2	
1.10	side where land is not to be acquired	NA	
	If not then where to lay the Water	7/4	
		N/A	
	pipe line Details of already laid services, if		
1.11	Details of alleany laid services, "	NA	f ge va bassa
· · · · · · · · · · · · · · · · · · ·	any, along the proposed route Number of existing lanes (2/4/6/8		
1.12 .	lanes)		
1.13	Proposed Number of lanes (2 lane	MA	
	with paved shoulders/4/6/8 lanes)		-
1,14	Service road existing or not	1	-
-,,,,,,	If yes then which side	Yes	<u> </u>
	(a) Left side from center line	Width 6.5 mts	
	(b) Right side from center line	Width 65mh	
1.15	Proposed Service road	MA	
1.10	(a) Left side from center line	NA	

परियोजना निर्माण /Project in frector भारतीय राज्याव राजमार्ग व्यक्तिरण भारतीय राज्याव राजमार्ग व्यक्तिरण National Highways Authority of India (शहरू परियाव राज्यात सरकार) (शहरू परियाव राज्यात सरकार) Winistry of Road Transport 2 स्वयंद्राय प्रभावित्राठ राज्या विद्याप स्वयंद्राय

रिक्यी राहुल मीना प्रबन्धक (तंकनीकी)

अवस्यक (त्यश्रायका) भारतीय राष्ट्रीय सममाने प्राथिकरण (सहस्र परिवाहन राजाको नेपानुच, भारन सरकार) 文では、 文では、はでは、(Per Se or Decesion (PE) 中央 (Se or Decesion (PE)

गेल (हाइडम्) किन्द्रिक Cal (inc.a) United Julyese Tower, E. 35 & 38 Sector-1 Noida (U.P.) 201301

			·
	(b) Right side from center line		
1.16	Whether Proposal to lay pipe line is	Edge of the	
du - mile	after the service road or between the	1	
र हिं	service road and main carriageway	Service Road	
1.17	Whether carrying of sewage/gas		
	pipeline has been proposed on		
. 6 1	highway bridges? If Yes, then	No	
	mention the methodology proposed		
	for the same		
1.18	Whether carrying of sewage/gas		
1, 10	pipeline has been proposed on the		
	parapet/any part of the bridges?	No	
		1,00	1
	If Yes then mention the Methodology		
	proposed for the same		
1.19	Is Crossing of the Road involved?		
	If Yes, it shall be either encased in		
	pipes or through structure or	No	
	conduits specially built for that		
•	purpose at the expense of the agency		
	owning the line		
7.7	a) Whether the existing drainage		
	structures are allowed to carry	No	
	the utility pipeline.		
	b) is it on a line normal to NH	423	
	c) What is the distance of crossing		
	the utility pipelines from the	ayr yay meneriya, ariyo bili ili bir	
	existing structures?		
	Crossings shall not be too near the	24 mts	
	existing structures on the national		
	highway, the minimum distance being		
	15 meter.		
	1 - 7 - 7 - 8		
	d) The casing pipe (or conduit pipe		
	in the case of electric cable) line		
	carrying the utility line shall be of	NA	
	steel, cast iron or reinforced	17/17	
	concrete and have adequate		
	strength and be large enough to		
	permit ready withdrawal of		
	carrier pipe/ cable		
	Mention type of casing		
	e) Ends of the casing/conduit		
•	pipe shall be sealed from outside, so	NA	
	that it does not act as a drainage		
	path		
	f) The casing/conduit pipe should		
	be as minimum extend from drain	18 18 19 7 18 18 18 18 18	
	to drain in cuts and toe of slope in	NA	
	fills		
	g) The top of the casing/conduit		
	pipe should be at least 1.2meter		<u> </u>

राहुल मीना प्रवन्धक (तकनीकी) प्राचीय राष्ट्रीय राजनार्ग प्राधिकरण च्यान राजनार्थ चन्नलय, भारत सरकार)

परियोजना निदेशक Project Director परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
(सड़क परिवहन राजमार्ग भंत्रालय, भारत सरकार)
(सड़क परिवहन राजमार्ग भंत्रालय, A Highways
Ministry of Road Transport & Highways
पीठआई०यु०-वसन्त विहार, वेहरातुन

राजीव वैषष्टिक १९८५ हे ५०३५ हाई विनित्र प्रवेषक (२६) (Seriorganeper (२३) गेल (हरिडण, विकिट्ट CAL (no.s) United Jubies Tower, £35 & 36 Second Holda (U.P.) 201301

	below the surface of the road	1.5 mtu deep			
**	subject to being at least 0.3 m	from Road top			
Friday	below the drain inverts.	Surface of Imm det	b from	dan	bed
	Mention the proposed details	3417a(C 4 1012			
	h) Mention the methodology				
` {	proposed for crossing of the road				
	for the proposed water/sewage/Gas				
	pipeline. Crossing shall be by	1/0		41.11	:
	boring method (HDD) (Trenchless	NA			
	Technology) specially where the		*		
	existing road payment is of cement				· .
	concrete or dense bitumen concrete				
	i) The casing/conduit pipe shall be				
	i) The casing/conduit pipe shall be installed with an even bearing,	NA			
ş .	throughout its length and in such	14/9/			
•	a manner as to prevent the				
Š	formation of a water way along it.				
2	Documents / drawings to be enclosed	Enclosed			
	with the proposal		· · · · · · · · · · · · · · · · · · ·		
2.1	Cross section showing the size of	Enclosed			
	trench for open trenching	Encusca			
	Is it normal size of 1.2m deep x 0.3 m	1.5 mts deep 4 0.5	nth wide		
	wide				
	i) should not be greater than 60cms				
	wider than the outer diameter of the				
	pipe			1	
	ii) located as close to the extreme				
	edge of the Right of Way as possible but not less than 15m from the center				
	line of the nearest carriageway				η.
	iii) shall not be permitted to run along				A
	the National Highways when the road			}	. `
	formation is situated in double cutting		**		त्योजनी
	nor shall these be laid over the				midt
	existing culverts and bridges			Mati	ional
	iv) These should be so laid that their	1.5 m/a deep			as will
	top is at least 0.6m below the		A	1 Min.	90) 90)
•	ground level so as not to obstruct	From ground der	d.		
	drainage of the road land	<u> </u>			`
2.2	Cross section showing the size of pit	NA		1	
	and location of pipe for HDD method				
2.3	Strip plan / Route Plan showing				
	utility/Gas nineline chainage, Width	Exclosed	:		
***************************************	of ROW distance of proposed pipe	Enclased		1	
		nt de la companya de	1.	1	
	line from the edge of ROW, important mile stone, intersections,		1		

भागोजना विदेशक /Project Director
विदेशक /Project Director
विदेशकरण
विदेशकर

Ramin

प्रज्ञाक (तकनीकी) गारतीय राष्ट्रीय राज्यायं प्राविकरण (सङ्क परिवर्त राज्यायं निवास, भारत सरकार) प्रकार्वा निवास, जिस्सा राजी व बेन्जी शहर 1207 हे - 2018 है बरिष्ठ प्रबंधक (PE) /Serva manager (PE) गेल (इन्डिम) लिन्टिड क्यूट (incla) Limited Jubiée Tower, E 35 & 36 Sector-1 Noida (U.P.) 201301

	which the factoring of the 1 Hilling		
2.4	Methodology for laying of the Utility		
64	pîpeline		
2.4.1	Open trenching method (may be	OPEN TRENCHING	
	allowed in utility corridor only where	OPEN IXENDINO	
- 125	pavement is neither cement concrete	METHOD	
1	nor dense bituminous concrete type)		
- 1	If yes, what is the methodology		
	of refilling tile trench		
	a) The trench width should be at		
	least 30 cms, but not more	Agreed	
	than 60cms. Wider than the	Y	
	outer diameter of the pipe.		
	b) For filling of the trench,		
	Bedding shall be to a depth of		
-	not less than 30 cms. It shall		
1	consist of granular material,		
	free of lumps, clods, cobbles	Agreed	
	and graded to yield firm		
	surface without sudden		
	change in the bearing value.		
	Unsuitable soil and rock		
	edges should be excavated		
	and replaced by selected		
` <u> </u>	material.		
	c) The backfill shall be		
	completed in two stages- i)	Daired	
	side fill to the level of the top	Agreed	
	of the pipe and ii) overfill to	ini - Massanas ripp	
	the bottom of the road crust	A suspense and a second	
	d) The side fill shall consist of		1 14
	granular material laid in 15		
	cms. layers each consolidated	Hardwell (All Media)	
	by mechanical tampering and	Tropic material Light	1
: 1	controlled addition of moisture	I Managara w	la de la
- 1	to 95% of the proctor density.	Agreed	
	Overfill shall be compacted to	laran Makada da katalan da	
	the same density as the		
	material that has been		
	removed. Consolidation by		
	removed, Consolidation by		
•	saturation or ponding will not		
	be permitted		1
	e) The road crust shall be built		1 4 3 4 3
	to the same strength as the	Agreed	
	existing crust on either side of		
	the trench. Care shall be		
	taken to avoid the formation		
	of a dip at the trench.		-
	f) The excavation shall be protected by flagman, Signs	Agreed	

राहुल मीना प्रबन्धक (तकनीकी) भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (५,५७ परिपटन राजधार्ग मंत्रालय, भारत सरकार) प्रवक्तवर्द्ध-पाइन विकार, देवसदून

परियोजना निर्देशक/Project Director भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India (सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार) Ministry of Road Transport & Highways पीठआई०यू०-यसन्त विहार, देहरादून

वरिक प्रवेषक (नेहर/Secondon, - नेहर) गेल (इन्डिंग) लिन्टिइम्टिक्ट (inc. Abrided Jubiee Tower, B 35 & 36 Sector-1 Noida (U.P.) 201301

	and barricades and red lights	Agreed		
	during night hours. g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Agreca		
2.4.2	Horizontal Directional Drilling (HDD) Method	MA		
2.4.3	Methodology for laying of the pipeline through CD works and method of laying in cases where the carrying of gas pipeline on the bridge becomes inescapable	NA		
3	Draft License Agreement signed by two witnesses	Signed Copy Enclave	9)	
3.1	The License fee estimate as per Ministry's guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Signed Copy Enclose Already Deposite (Copy enclosed))	
4	Whether Performance Bank Guarantee as per Ministry guidelines issued vide circular No. RW /NH/33044/29/2015/S&R dated 22-11- 2016 is obtained	Already deposited (Copy enclosed)	2	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines	OBTAINED		
5	Affidavit/Undertaking from the Applicant for following is to be furnished			M
5.1	Undertaking for not to damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed	Natio (1935 (Viinis)	रोजना निर्मात Project Director herdra गर्दीय राजमार्ग प्राधिकरण nat Highways Authority of India परिवतन राजमार्ग भजारार, भारत सरकार) y of Poad Transport & Highway
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI	Enclosed		णे⊍आडूं०पूठ-वसन्स विकार, देहरादून
5.3	Undertaking for confirming all standard conditions of Ministry///UAl's guidelines	Enclosed		
5.4	Undertaking for Indemnity against all damages and claims	Enclosed		
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic	Enclosed Enclosed		
5.6	Undertaking that if any claim is raised		<u>L </u>	

Book entir

राहुल यीना प्रवन्यक (तकनीकी) मालीय राष्ट्रीय राजमाने प्राविकरण (सङ्क परिवहने स्ववंदर्भ नेपालय, भारत सरकार) प्रकृष्ट्रं जनस्य विद्यार, देत्सदून रिजीय हैन में सहश्रह कर है। यह उस प्राप्त प्रश्निक प्रश्निक (PE)/Sendrines (Inc. (PS)) मेल (इन्हिंग) कि देने प्रति (Inc.) (Inc.

	by the Concessionaire/contractor then	1	
	the same has to be oald by the	Enclosed	
	applicant	despective in interest and	
7 57	Undertaking that prior approval of the		1 17
1 79	NHAI shall be obtained before		
	undertaking any work of installation,		
		Enclosed	
	shifting or repairs, or alterations to		
	the utility located in the National		
	Highway Right of Ways.		
5.8	Undertaking that expenditure if any		
200000000	incurred by NHAI for repairing any	0.1	
	damage caused to the NH by laying,	Enclosed	
	maintenance or shifting of the utility		
	line will be borne by the applicant		
	agency owning the line		
5.9	Undertaking that text of the License		
5.9			
	deal is as per verbatim of format	Enclosed	
	issued by MoRTH vide circular No.		
	RW/NH/33044/29/2015/S&R dated	i di kalengar	5
	22-11-2016	, , , , , , , , , , , , , , , , , , , ,	1 (Aug. 11) 1 (17)
5.10	Undertaking that the applicant has		
- Participation	obtained various safety clearances		
	from the respective authorities such as		
	Directorate of Electricity, Chief		
1	Controller of Explosives, Petroleum	Exclosed	
	and Explosive Safety Organization, Oil		
	Industry Safety Directorate,		
	state/central pollution control board		
	and any other statutory clearances as		
	applicable, before applying to		
	Highway Administration.		
5.11	If the MoRTH/NHAl considers it		
	necessary in future to move the		
	utility line for any work of		
	improvement or repairs to the road, it	Enclosed	
	will be carried out as desired by the	6700	
	MoRTH/NHAI at the cost of the		
			1374
	Agency owning the utility line within a		
il e estilo de	reasonable time (not exceeding 60		
· · · · · · · · · · · · · · · · · · ·	days) of the intimation given		
5.12	Certificate from the applicant in the		
2804001304p.	following format		
	Laying of Gas pipeline will not have	,	1
	any deleterious effects on any of the	Caclosed	1
	bridge components and roadway	San	
	safety for traffic		
	ii) We do undertakethat I/we will		
	relocate service road/approach		
	road/utilities at my/our own cost		
	notwithstanding the permission		

राहुल मीना परियोजना निर्देशक Project Director प्राहुल मीना परियोजना निर्देशक Project Director प्रान्थक (तंकनीकी) भारतीय राष्ट्रीय राजमार्ग प्राधिकरण Mational Highways Authority of India प्रार्तीय राजमार्ग प्राधिकरण Mational Highways Authority कारता सरकार) परिवेदन राजमार्ग भीनालय, भारत सरकार) कार्याविक प्रावेदन पर्वेदन राजमार्ग भीनालय, भारत सरकार) परिवेदन राजमार्ग भीनालय, भीनालय, भीनालय, परिवेदन राजमार्ग भीनालय, भीनाल

विरित्त प्रबंधक (₹∄)/Senjarreansperiffs) गेल (हविडल) किनिदेशकार्थ (nost-united Jubles Tower, £ 35 ± 36 Sector-1 Noida (U.P.) 201301

				1	
Sea Sea	granted within such time as will be				
學、學	stipulated by NHAI for future six laning				
19	or/ any other development.				
6	Who will sign the agreement on	RAJEEV BANERJEE			
	behalf of Gas pipe line agency?	Sm(PE)			
	Power of attorney to signthe				
<u> </u>	Agreement is available or not				
7	The Project Director shall submit the				
	following Certificates				
7.1	Certificate that the proposal is				
	confirming to all standard conditions				
	Issued vide MoRTH circular No.				
	RW/NH/33044/29/2015/S&Rdated 22-				
	11-2016				
7.2	Certificate from the PD in the following				
	format				
*	i) "it is certified that any other location		en e		
	of the utility pipeline would be				
	extremely difficult and unreasonably				
	costly and the installation of utility				
	pipeline within RoW will not adversely				
	affect the design, stability and traffic				
	safety of the highway nor the likely				
	future improvement such as widening		er star en		
	of the carriage way, easing of ourvo"				
	ii) for six 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 the said				
	location".				
	b) In case feasibility report is not				
	available "I do certify that			Mo a pirector	F
	sufficient ROW is available at		g	प्योजना निदेशक/Project Director	
	site for accommodating		ł	Language 119014	0771
	proposed six-toning"		: ма/	भारतीय गाड्येय राजमाने प्राधिकरण onal Highways Authority of Ir र्णरवहर राजमान पंचालय, भारत स + 20ad Transport & High	-7.84 (4.0%
	proposed on turning		(443)		
}	Is NIII median proposed to be taken		VW())	stry of Road Transport & गाँजभाइन्युक-तमना विहार, देहरादून	
	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				
	of way to lay cable /duct has also			1. 等數數學數數數數數學數學數學數學數學數學數學數學數學數學數學數學數學數學數學數	
	been granted as a right of way		1		
	concessionaire under the concession				
:		The Arthur May was a published a			
	agreement for up gradation of	A second of the	1		
	section from Km to km		1		

Rahmy

राहुल मीना प्रवस्थक (तकनीकी) भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सड़क परिवहन राजनार्ग नंत्रातय, भारत सरकार) प्रकाद के वहार, देहराहून राणीव बन्नामा १६८ । १६८ । १६८ । १६८ । १६८ विकास १६८ । १६८ । १६८ । १६८ विकास १६८ विकास

Array Array	of NH no on Build, Operate and Transfer basis and therefore the licensee shall honor	
9	Who will supervise the work of laying of Utility Pipe line	Do Took DAIN O'TO
	a) On behalf of the applicant b) On behalf of MoRTH/NHAI	RAJEEY BANERJEE
10	Who will ensure that the defects in road portion after laying of utility pipeline 'are corrected and if not corrected then what action will be	
	taken c) On behalf of the applicant d) On behalf of MoRTH/NHAI	RAJEEY BANERJEE
11 !	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	GAL (INDIA) CID.
12	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed)	
13	If any previous approval is accorded for laying cable line then Photocopy of register of records of permissions accorded (as maintained by PD) to be enclosed.	Enclosed

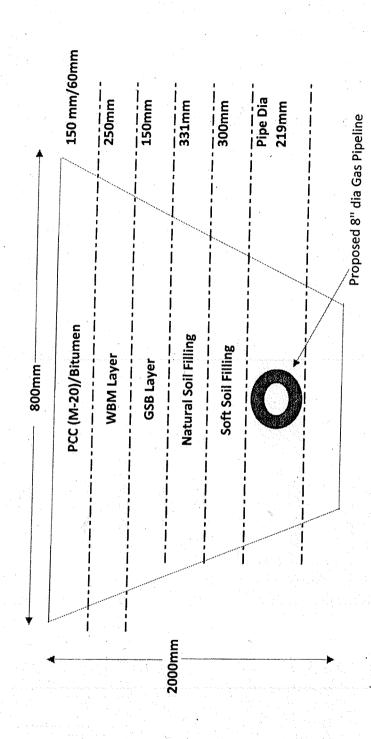
राहुल मीना
प्रबन्धक (तकनीकी)
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
भारत सरकार)
प्रवस्तिक राजमार्ग मंत्रालय, भारत सरकार)

वरियोजना निदेशक/Project Director भारतीय गद्भीय राजमार्ग प्राधिकरण National Highways Authority of India (सङ्क गोरास्थ्य स्थापनी मंत्रालय, भारत सरकार) Ministry of Rober Transport & Highways भोठीसद्भाव स्थास शिवार, देहराहुन Poaresti

राजीव वेनको प्रकार कर एक १८८ हा व यशिक प्रकार (स्टार्गड कर प्रकार (स्टार्ग गेल (इंडिया) क्रिकेट इंग्लेस (his sumbed Judge Tower, E.35 & 38 Secor-Histor (U.P.) 201301

Project Name:- Haridwar Rishikesh Dehradun Gas Pipeline Project

Cross Sectional view of Road Restoration Work at Proposed Open cut locations





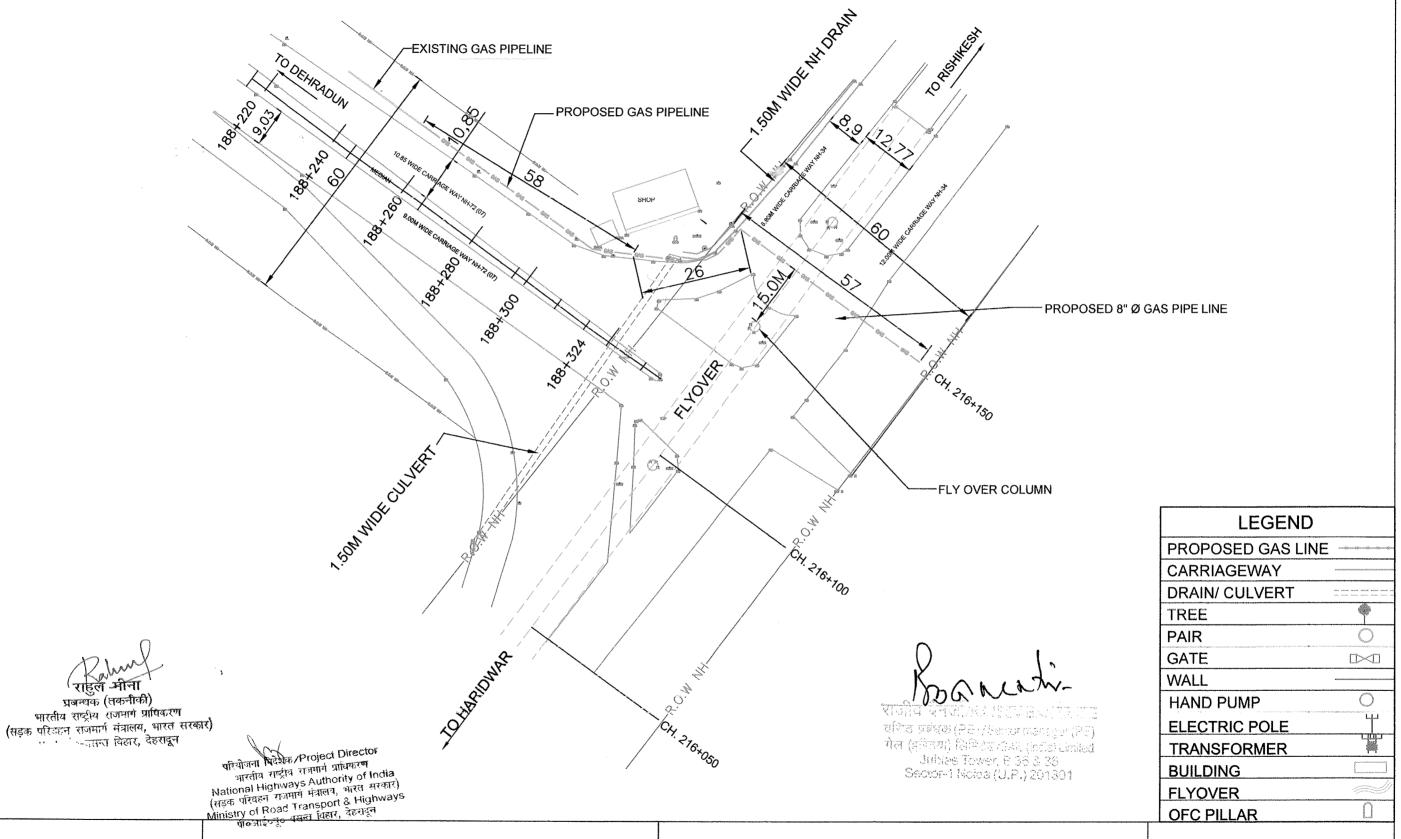






OPEN CUT CROSSING AT CHAINAGE 216+150 (NEPALI FARM TIRAHA)





CLIENT:-

GAIL (INDIA) LIMITED

TITLE:

PROPOSED GAS PIPE LINE CROSSING AT CHAINAGE 216+150 AT NEPALI FARM TIRAHA ON NH 58 (NEW NH 34)

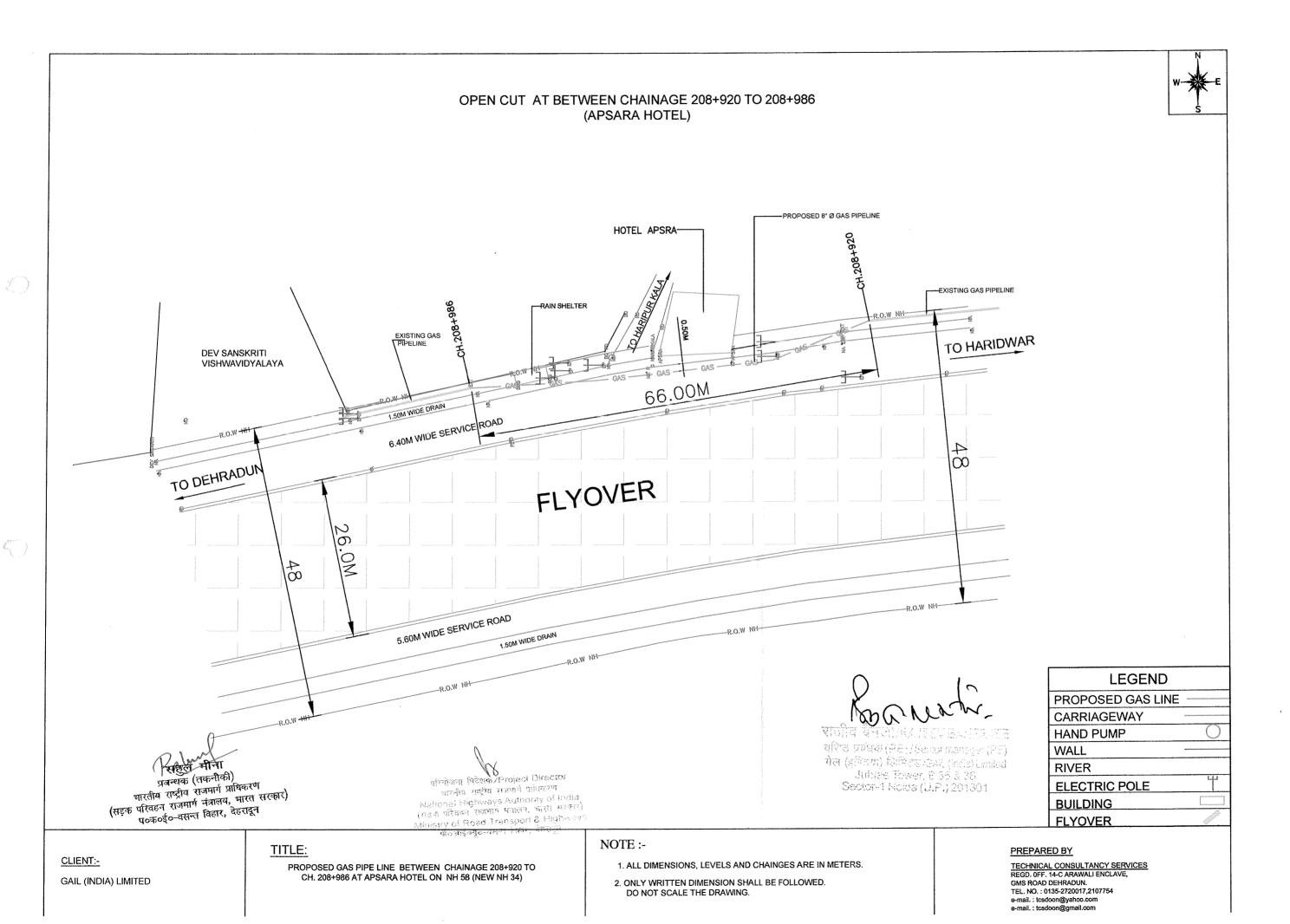
NOTE:-

- 1. ALL DIMENSIONS, LEVELS AND CHAINGES ARE IN METERS.
- ONLY WRITTEN DIMENSION SHALL BE FOLLOWED. DO NOT SCALE THE DRAWING.

PREPARED BY

TECHNICAL CONSULTANCY SERVICES
REGD. 0FF. 14-C ARAWALI ENCLAVE,
GMS ROAD DEHRADUN.

TEL. NO.: 0135-2720017,2107754 e-mail.: tcsdoon@yahoo.com e-mail.: tcsdoon@gmail.com





Methodology for Execution of Pipeline laying Work by Open cut trench method

- 1) Excavation of trench of about 2mtr depth and 700-800mm width.
- 2) Excavation of trench will executed in phase manner in order to avoid any traffic disturbance and public movement with proper traffic diversion and barricading.
- 3) We would carry out all activities during night in order to avoid any traffic movement and public hassle free movement.
- 4) After lowering of pipe section in trench we will ensure proper compacting of excavated trench by filling sand and sprinkled the water for better compaction of sand.
- 5) After final completion of pipeline laying work in proposed locations compaction and restoration work will be execute as per attached drawing & MoRTH norms with WBM and PCC/BITUMEN

F. Ponday

AMMEDARRIO AMMEDIARRIO PROPERTIES DE LA PROPERTIES DE LA

राजीव अन्तरी ६४ (EEV 850 SP IEE मिराठ प्रबंधक (PE)/Sector piantipe (PE) मेल (इंग्डिंग) शिनिटेड (SAL (India) Limited Julyles Tower, E 35 & 36 Sector-1 Norda (U.P.) 201301