



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

क्षेत्रीय कार्यालय, उ०प्र० (पूर्व) वाराणसी

Regional Office - U.P. (East), Varanasi

एक- 2/656, ए-3 बी, वरुणा विहार कालोनी, द्वितीय एवं तृतीय तल, वन प्लेस टावर
(जे०पी० मेहता सीनियर सेकेंडरी स्कूल के पीछे), सिकरौल, वाराणसी-221002 (उ०प्र०)

S-2/656, A-3B, Varuna Vihar Colony, 2nd & 3rd floor, one place Tower
(Behind J.P. Mehta Sr. Secondary School), Sikraul, Varanasi-221002 (U.P.)

No. 14011/42/RO/UP(E)/2020/ 3224

दूरभाष Phone : 91-542-2280243

: 91-542-2280372

ई-मेल/E-mail : rovaranasi1@gmail.com

: rolucknow@nhai.org

वेबसाइट/Website: www.nhai.org

Date: 21.09.2020

Invitation of public comments

Sub.: Proposal for granting Permission for underground laying & Crossing of Natural Gas Pipeline of 300mm NB Carbon Steel Pipeline with MDPE Pipeline along the NH-731 from Kathaura to Haidergarh (LHS) for approximate length 22.560 KM (from Ch.77.420 to Ch. 54.860) and Crossing at Ch. 54.850 at Haidergarh.

The Authorized Signatory, M/s Torrent Gas Private Ltd., Lucknow has submitted proposal for granting Permission for underground laying & Crossing of Natural Gas Pipeline of 300mm NB Carbon Steel Pipeline with MDPE Pipeline along the NH-731 from Kathaura to Haidergarh (LHS) for approximate length 22.560 KM at subject cited chainages/stretch through HDD method.

2. From the submitted proposal, it is seen that the utility will cross the NH at KM 54.850 at 90° through trenchless (HDD) method and will be laid at the extreme edge of ROW at the depth of 1.20M from surface of road from KM 77.420 to KM 54.860. The width of ROW from centre line at the crossing/laying stretch location is 12.5M - 30M (LHS) and 12.50M - 30M (RHS). In this connection, M/s Torrent Gas Private Limited has undertaken that they will ensure all safety measures while executing the work.

3. As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

4. In view of the above, comments of the public on the above application is invited to the below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

The Chief General Manager cum Regional Officer,
National Highways Authority of India
Regional Office, UP-East, Varanasi
S-2/656, A-3B, Varuna Vihar Colony,
2nd & 3rd Floor, One Place Tower,
Behind J.P. Mehta Sr. Secondary School
Sikraul, Varanasi-221002

This issue with the approval of Regional Officer.

Encl: As above

(C.M. Dwivedi)
General Manager (Tech.)

Copy to:

1. Web Admin, NHAI-HQ- with request for uploading on the NHAI website.
2. The Technical Director, NIC, Transport Bhawan, New Delhi - with request for uploading on the Ministry's website.
3. Authorized Signatory, M/s Torrent Gas Pvt. Ltd, Lucknow for information.
4. Project Director, NHAI, PIU-Lucknow- for information.

मुख्यालय : प्लॉट सं० जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075, दूरभाष : 91-11-25074100/200
Head Office : Plot No G-5 & 6, Sector - 10, Dwarka, New Delhi - 110 075 Phone : 91-11-25074100/200

Ref No- TGPL/GA-10.40/19-20/BAR/NH07

Date: 26/02/2020

To,

The Project Director

NHA

Lucknow (U.P)

Subject: - Regarding Permission for Laying of Natural Gas Pipeline of 300mm NB Carbon steel pipeline with MDPE pipeline (as per requirement) along the **NH-731 from Kathaura to Haidargarh Left Side for approx. 22.560 Km (From Ch.- 77.420 Km to Ch. – 54.860 Km) and crossing at Haidargarh at Chainage -54.850 Km.**

Ref.: - 1. Our letter no TGPL/GA-10.40/19-20/BAR/NH01; Dated 26.11.2019

2. Your letter no. 44091/NHA/PIU/LKO/NOC/OFC/2020/2693; Dated 04.02.2020

Dear Sir,

With reference to your aforesaid letter dated 04.02.2020. the queries raised in the mentioned letter with our compliance are as under: -

1. Alignment sheet with ROW is enclosed.
2. Number of pits for HDD are shown in enclosed Alignment sheet.
3. The signature of verifying authority has been marked on POA(power of attorney) enclosed in application.
4. As we have applied the ROW access permission before effectiveness of New SOP. However but we will abide by the New SOP as required.

We would therefore, request you the kindly accord your permission for laying of natural Gas pipeline at aforesaid location.

Thanking you.

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
परिवहन कार्यलय इकाई - संपन्न (नगर)

प्राप्ति सं० 549

दिनांक 12/6/2020

अ० क० हेतु अंगीकृत

अधिकारी (नक)	
उप अधिकारी (नक)	
उ. म. प्र. (वि.)	
क० लेखा अधिकारी	
वै. सहायक - 1	
वै. सहायक - 2	
भू. अर्जन विभाग	
फाइल	

Torrent Gas Pvt. Ltd.
Mithilesh Kumar Singh
(Authorized Signatory)**TORRENT GAS PRIVATE LIMITED**

CIN : U40100GJ2018PTC102554

Cyber Heights 8th Floor, TC/G - 2/2 & TC/G - 5/5, Vibhuti Khand, Gomti Nagar, Lucknow-226010, Phone : 0522- 4071061 & 62, 4071064 to 69
Regd. Office : "Samanvay", 600, Tapovan, Ambawadi, Ahmedabad - 380 015, Gujarat, India. Phone: +91 079 26628300

CHECK-LIST

Guidelines for Project Directors for processing the proposal for laying of Natural Gas 300mm NB CS pipeline in the land along National Highway No-731

Relevant Circulars

1. Ministry Circular No. NH-41 (58)/68 dated 31.01.1969
2. Ministry Circular No. NH-III/P66/76 dated 18/19.11.1976
3. Ministry Circular No. RW/NH-IIIP/66/76 dated 11.05.1985
4. Ministry Circular No. RW/NH-11037/86/DOI (ii) dated 28.07.1993
5. Ministry Circular No. RW/NH-11037/86/DOI dated 19.01.1995
6. Ministry Circular No. RW/NH-34066/2/95/S&R dated 25.10.1999
7. Ministry Circular No. RW/NH-330231/19/99-DOM-III dated 17.10.2003

Check list for getting approval for laying of Natural Gas 300NB CS pipeline in the land Along National Highway No-731

Sr.No	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant / Agency	M/s Torrent Gas Private Limited Registered office at Cyber Heights 8 th Floor, TC/G-2/2 & TC/G-5/5, Vibhuti Khand, Gomti Nagar, Lucknow-226010	
1.2	National Highway Number	NH- 731	
41.3	State	Uttar Pradesh	
51.4	Location	Barabanki	
1.5	(Chainage in km)	Along NH-731 1. Left Side Ch. (77.420 Km to Ch. - 54.860)	
1.6	Length in Meters	Left side Along NH-731, 22.560 Km	
1.7	Width of available ROW in both side		
	(a) Right side from center line towards increasing chainage/km direction	22.5-30 18.5-30 km	

(Utkarsh Shukla)
Manager (Tech.)
National Highways Authority of India
PIU, Lucknow (U.P.)

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	(b) Left side from center line towards increasing chainage/km direction	22.5-30	
1.8	Proposal to lay underground Natural CS & MDPE pipeline	CS Pipeline/MDPE	MDPE will be laid only in Haidergarh
	(a) Right side from center line towards increasing chainage/km direction	22.5-30	
	(b) Left side from center line towards increasing chainage/km direction		
1.9	Proposal of acquire land		
	(a) Right side of center line	N.A.	
	(b) Left side of center line	N.A.	
1.10	Whether proposal in the same side where land is not to be acquired	NO acquisition of land required	
	If not then where to lay the pipeline	Along the National Highway ROU	
1.11	Details of already laid services, if any, along the proposed route		
1.12	No of lanes (2/4/6/8) existing	4 Lane	
1.13	Proposed Number of lane (2 lanes with paved shoulder 4/6/8 lanes)	4 Lane	
1.14	Service road existing or not		
	If yes then which side	Yes	
	(a) Left side from center line		
	(b) Right side from center line	Yes	
1.15	Proposed service road		
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay gas pipeline is after the service road or between the service road main carriageway	After the Carriageway	
1.17	The Permission for laying of Gas pipeline shall be considered for approval / rejection based on the Ministry Circular mentioned as above.		
	(a) Carrying of Gas pipeline on Highway bridges shall not be permitted as gases pipes can accelerate the process of	N.A.	

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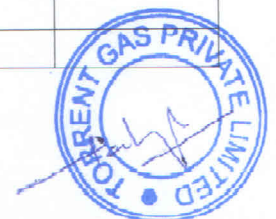
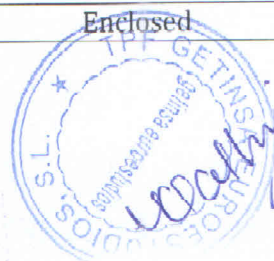
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	c) Crossings shall not be too near the existing structures on the national highway, the minimum distance being 15 meter. What is the distance from the existing structures	YES	
	d) The casing pipe (or Conduit pipe in the case of electric /OFC cable) carrying the utility line shall be of steel, case iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	YES	
	e) Ends of the casing/conduit pipe shall be sealed form the outside, so that it does not act as drainage path.	YES	
	f) The casing /conduit pipe should, as minimum extend from drain to drain in cuts and <u>toe of slope</u> toe of slope in the fills	YES	
	g) The top of the casing /conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.	YES	
	h) Crossing shall be by boring method (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type	YES	
	i) The casing /conduit pipe shall be installed with an even bewaring throughout its length and in such a manner as to prevent the formation of a waterway along it .	YES	
2	Document /Drawings enclosed with the proposal	YES	
2.1	Cross section showing the size of	Enclosed	


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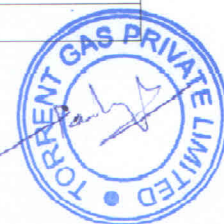
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	trench for open trenching method (Is it normal size of 1.2 m deep x 0.3 wide)		
	I. Should be greater than 60Cm wider than outer diameter of the pipe	N.A.	
	II. Located as close to the extreme edge of the right-of way as possible but not less than 15 meter from the centre-lines of the nearest carriageway.	N.A.	
	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.	N.A.	
	IV. These should be so laid that their top is least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	N.A.	
2.2	Cross section showing the size of pit and location of pipe for HDD method	Attached	
2.3	Strips plan/Route Plan showing Gas Pipe line, Chain age, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, Intersections, cross drainage work etc.	Incorporated in the drawing	
2.4	Methodology for laying of showing Gas pipe line	Open cut/ HDD	
2.4.1	Open Trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench.	As required	
	a. The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Yes	
	b. For filling of the trench,		


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	Bedding shall be to a depth of not less than 30 cm. it shall consists 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.		
	c. The backfill shall be completed in two stages (i) side fill to the level of the top to the pipes and (ii) overfill to the bottom of the road crust.	yes	
	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. 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	N.A.	
	e. The road crust shall be built to the same strength as the existing crust on either side of the trench; care shall be taken to avoid the formation of a dip at the trench.	N.A.	
	f. The Excavation shall be protected by flagman, sings and barricades, and red lights during night hours	YES	
	g. If required, a diversion shall be constructed at the expensed of agency owing the utility line	YES.	
2.4.2	Horizontal Directional drilling (HDD) Method	YES	
2.4.3	Laying of Gas Supply Pipe Line through CD works and method of	YES	

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	laying		
	a. On approaches, the water mains/cable shall be carried along a line as close to the edge of the right-of way as possible up-to a distance of 30 m from the bridge and subject to all other stipulation contained in this Ministry's guidelines issued with letter No. NH-HI/P66/76 dated 19.11.1976	YES	
3	Draft License Agreement signed by two witness	YES	
4	Performance bank Guarantee in favor of NHAI has to be obtained @Rs100/-per running meter (parallel to NH) and Rs100000/-per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as security for ensuring /making good the excavated trench for laying the cables /ducts by proper filling and compaction, clearing Debris /loose earth produced due to execution of trenching at least 50 m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris /loose earth.	YES	
4.1	Performance BG as per above is to be obtained	YES	
4.2	Confirmation of BG has been obtained as per NHAI Guidelines	YES	
5	Affidavit/undertaking from the application	YES	
5.1	Not to Damage to other utility, If damaged then pay the losses either to NHAI or to the concerned agency	YES	
5.2	Renewal of Bank Guarantee	YES	
5.3	Confirming all standard condition of NHAI'S guideline	YES	
5.4	Shifting of Gas Supply pipe line as and when required by NHAI at their own	YES	


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	cost		
5.5	Shifting due to 6 lining/widening of NH	YES	
5.6	Indemnity against all damages and claims clause (xxiv)	YES	
5.7	Traffic movement during laying of Gas supply pipe line to be managed by the applicant	YES	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	YES	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work if installation, shifting or repairs, or alteration to the showing Gas Supply pipe line located in the National Highway right -or-ways.	YES	
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 supply pipe line will be borne by the agency owing the line.	YES	
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 owing the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	YES	
5.12	Certificate from the application in the following format		
	i) Laying of Gas supply pipe line will not have any deleterious effects on any of the bridge components and road way safety for traffic.	YES	
	For 6- lining "We do undertake that I will relocate service road/approach road /utilities at my own cost notwithstanding the	YES	

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	permission granted with such time as will be stipulated by NHAI " for future six-lining or any other development."		
6	Who will sign the agreement on behalf of gas supply pipe line agency?	Manager Torrent Gas Pvt. Ltd.	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry circular no NH-41 (58)/68 dated 31.01.1969, Ministry circular no. RW/NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular NO.RW/NH-1103/1/86-DOI (ii) Dated 28.07.1993. Ministry circular No. RW/NH- 34066/2/9 S&R dated 25.10.1999 and Ministry Circular No. RW/NH-330231/19/99 dated 17.10.2003	Attached	

The above particular along with the drawing and documents has been verified and certified as correct as per prevailing site conditions.

Pardeep Kumar Maurya

Name designations & Signature of the representative of applicant

(Umesh Shukla)
Manager (Tech.)
National Highways Authority of India
PIU, Lucknow (U.P.)

g
Name designations & Signature of the Authorized concerned field authority of NHAI

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