

Government of India

Ministry of Road Transport & Highways
(Chief Engineer - Regional Office, Lucknow)

N.H. Bhawan, Biotech Chowk, Lucknow Ring Road, Vikas Nagar, Lucknow - 226 022
Ph.: (0522) - 2967112, 2738226 (Tele-Fax)

Dated: 25.04.2023

Invitation of public comments

Sub.: Proposal for NOC permission for laying and crossing of MDPE Gas Pipeline of 125mm & 90mm by trenchless HDD method in km.57 to km.57.763 (Bewar-Etawah-Gawalior Marg), in LHS of NH-92 from Ashok Nagar Extension to Guru Teg Bahadur over bridge near railway line in Etawah in the state of Uttar Pradesh - Reg.

M/s Torrent Gas Private Limited, Kanpur submitted the proposal for laying & crossing of Natural Gas Pipeline through open trench & trenchless HDD method in Km.57.00 to km.57.763 (Total length of 763 meters) of NH-92 in the State of Uttar Pradesh to Executive Engineer, NH Division, PWD, Etawah for consideration.

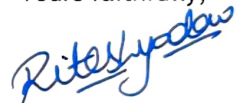
2. As per the guidelines, issued by the Ministry vide OM No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

3. In view of the above, comments of the public on the above application is invited to the below mentioned address:

The Chief Engineer-Regional Officer,
Ministry of Road Transport & Highways,
N.H. Bhawan, Biotech Chowk, Lucknow Ring Road,
Vikas Nagar, Lucknow - 226 022.

Encl.: As above.

Yours faithfully,

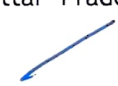


(Ritesh Yadav)

Assistant Executive Engineer
for Chief Engineer - Regional Officer

Copy to:

- (i) NIC, New Delhi - for uploading on the Ministry's website.
- (ii) The Chief Engineer (NH), Public Works Department, Government of Uttar Pradesh, Nirman Bhavan, 96, M. G. Marg, Lucknow - 226 001.



(Ritesh Yadav)

Assistant Executive Engineer
for Chief Engineer - Regional Officer

CHECK-LIST

Guidelines for Project Directors for processing the proposal for laying of Natural Gas CS & MDPE pipeline in the land along National Highway No-92

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
8. Ministry Circular No. RW/NH-33044/29/2015/5&R(R) dated 22.11.2016

Check list for getting approval for laying of Natural Gas CS&MDPE pipeline in the land Along National Highway No-92

Sr. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant / Agency	Torrent Gas Private Limited 3 rd Floor, Sai Place, HIB-1B, Chandra Vihar Lakhanpur Kanpur-208002	
1.2	National Highway Number	NH- 92	
1.3	State	Uttar Pradesh	
1.4	Location	Etawah	
1.5	(Chainage in km)	Along NH-92 Left Side km Ch. (57+000 to 57+763)Km Across NH-92 Ch.(57+200Km)	
1.6	Length in Meters	Left side Along NH-92 763 mtr.	
1.7	Width of available ROW in both side		
	(a) Right side from center line towards increasing chainage/km direction		

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	(b) Left side from center line towards increasing chainage/km direction	20-24mtr.	
1.8	Proposal to lay underground Natural MDPE pipeline	NH	
	(a) Right side from center line towards increasing chainage/km direction	NA	
	(b) Left side from center line towards increasing chainage/km direction	20-24mtr.	
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	
1.11	Details of already laid services, if any, along the proposed route		
1.12	No of lanes (2/4/6/8) existing		
1.13	Proposed Number of lane (2 lanes with paved shoulder 4/6/8 lanes)		
1.14	Service road existing or not	NO	
	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed service road		
	(a) Left side from center line	-	
	(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	At the edge of Road	
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 corrosion or may cause explosions, thus, being much more injurious than leakage of gas	N.A.	
	(b) Carrying of gas pipelines on bridges shall also discouraged	N.A.	

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	however if the gas supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized they may be permitted to carry the pipeline on independent super structure supported on extended portion of piers and abutments in such a manner that in the final arrangement enough free space around the super structure of the bridge remains available for inspection and repairs etc.		
	(c) Cost of required extension of the substructure as well as that of the supporting super structure shall be borne by the agency-in-charge of the utilities.	N.A.	
	(d) Services are not being allowed indiscriminately on the parapet /any part of the bridges, safety of the bridge has to be kept in view while permitting various services along bridge. Approvals to be accorded in this regard with the concurrence of the Ministry 's Projects Chief Engineers Only	N.A.	
1.18	If Crossing of the road involved	YES	
	If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expensed of the agency owing the line	YES	
	a) Existing drainage structures shall not be allowed to carry the lines	YES	
	b) Is it on a line normal to NH	YES	
	c) Crossings shall not be too near the existing structures on the national highway, the minimum distance being 15 meter. What is the distance 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	YES	

	have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.		
	e) Ends of the casing/conduit pipe shall be sealed from 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 toe of slope 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 bearing 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 trench for open trenching method (Is it normal size of 1.2 m deep x 0.45 wide)	YES	Minimum depth-1.2 mtr. Maximum depth-3 mtr.
	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 meters from the centre-lines of the nearest carriageway.	YES	
	III. Shall not be permitted to run along the national Highways when the road formation is situated in double cutting. Nor	N.A.	

	shall these be laid over the existing culverts and bridges.		
	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.	YES	
	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, 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.	YES	
	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	YES	

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	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		
	e. The road crust shall be built to the same strength as the existing crust on either side of the trench; care shall be taken to avoid the formation of a dip at the trench.	YES	
	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 laying	YES	
	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 E.E NH Etawah 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.		

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	No payment shall be payable by the NH to the licensee for clearing debris /loose earth.		
4.1	Performance BG as per above is to be obtained		
4.2	Confirmation of BG has been obtained as per NH Guidelines		
5	Affidavit/undertaking from the application	Attached	
5.1	Not to Damage to other utility, If damaged then pay the losses either to NH or to the concerned agency	YES	
5.2	Renewal of Bank Guarantee		
5.3	Confirming all standard condition of NH'S guideline	YES	
5.4	Shifting of Gas Supply pipe line as and when required by NH at their own cost	YES	
5.5	Shifting due to 6 lining/widening of NH	YES	
5.6	Indemnify 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 NH 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 NH 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 NH 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 NH 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		


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	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 permission granted with such time as will be stipulated by NH " for future six-lining or any other development."	YES	
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, Ministry circular No. RW/NH-33044/29/2015/5&R(R) dated 22.11.2016		

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

Sanjeev Kumar

 Manager

[Signature]
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Name designations & Signature of the
Authorized representative of applicant

Name designations & Signature of the
concerned field authority of NH

[Signature]
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