सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

क्षेत्रीय कार्यालय–पश्चिम उ०प्र०, लखनऊ Regional Office - West UP, Lucknow.

3/248, विशाल खण्ड, गोमती नगर, लखनऊ–226010 (उ.प्र.)

3/248, Vishal Khand, Gomti Nagar, Lucknow-226010 (UP)

दूरभाष / Phone : 0522-4960291, टेलीफैक्स / Fax : 0522-4950680

ई–मेल / E-mail : rowestup@nhai.org, rowestup@gmail.com

19001/1/RO-W-UP/NH-58/Km. 58+100-58+770/SPL/1332 Dated: 11.05.2022

Invitation of Public Comments

Sub: Proposal for NOC proposal for the permission for laying of 4" Dia Steel Pipeline along the Km. 58.100 to Km. 58.770 and 6" Dia steel pipeline at km. 53.840 across NH-58 (Meerut-Muzaffarnagar Section) to develop CGD Network in District-Meerut in the State of Uttar Pradesh.

The DGM (CGD), M/s Gail Gas Limited, Meerut has submitted the proposal through PD, PIU-Meerut for the permission for laying of 4" Dia Steel Pipeline along the Km. 58.100 to Km. 58.770 and 6" Dia steel pipeline at km. 53.840 across NH-58 (Meerut-Muzaffarnagar Section) to develop CGD Network in District-Meerut in the State of Uttar Pradesh.

2. From the submitted proposal, it is seen that as per checklist/drawing the Pipe line is proposed for laying of 4" Dia Steel Pipeline along the Km. 58.100 to Km. 58.770 (Applied length 670m) and 6" Dia steel pipeline at km. 53.840 across NH-58 (Meerut-Muzaffarnagar Section) to develop CGD Network in District-Meerut. Width of available ROW is 60m. Left/Right side from center line towards increasing chainage/km direction is 30m-30m respectively. The NH is existing 4 lane.

3. Applicant has proposes Methodology for laying/crossing of Steel Pipeline through open trench and HDD Method. However, permission will be given through open trench for the work executing along the Highway only with the condition that embankment of the Highway should not be damaged and laying will be done at the edge of ROW. Further, while laying of pipeline along the Highway, if there is a cross road/approach road connecting Highway, then at that particular location laying will be done only through HDD Method. In case of crossings, work should be executed strictly through HDD method.

4. 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).

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.

Contd.....2/-

The Regional Officer,
National Highways Authority of India
Regional Office, UP-West, Lucknow
3/248, Vishal Khand, Gomti Nagar
Lucknow-226 010

This issues with the approval of RO-UP (West), Lucknow.

11/5/22

Encl: As above.

(Anuj Kumar Singh)
DGM (Tech.)
For RO-UP (West)

Copy to:

1. Web Admin, NHAI, HQ - with a request for uploading on the NHAI website.
2. The Technical Director, NIC, Transport Bhawan, New Delhi - with a request for uploading on Ministry's website.
3. PD, PIU-Meerut for information.
4. The DGM (CGD), M/s Gail Gas Limited, Meerut for information.

CHECK – LIST

Check list for getting approval for laying of Gas pipeline on NH Land

Sr. No.	Item	Information / Status	Rem arks
1	General Information		
1.1	Name and Address of the Applicant / Agency	GAIL Gas Limited 75/1, First Floor, Mangal Panday Nagar, Ramgarhi, Meerut-250004, U.P.	
1.2	National Highway Number	NH-58	
1.3	State	Uttar Pradesh	
1.4	Location	Meerut	
1.5	(Chainage in Km)	**Along the Road:** Along with NH-58 Between km Stone 58.100 to 58.770 km **Across the Road:** Across at Ch: 53.840 km (Between km Stone 53.800 to 53.900 km)	
1.6	Length in Meters	**Along the Road:** Between km Stone 58.100 km and 58.770 km (**Length = 670 m**) **Across the Road:** Across on Ch: 53.840 km Between km Stone 53.800 to 53.900 km **(Length=60 m)**	
1.7	Width of available ROW	60 m	
	(a) Left side from center line towards increasing chainage / km direction	30 m	
	(b) Right side from center line towards increasing chainage / km direction	30 m	
1.8	Proposal to lay underground Gas pipeline		
	(a) Left side from center line towards increasing chainage / km direction	Yes	
	(b) Right side from center line towards increasing chainage / km direction		
1.9	Proposal to acquire Land	N/A.	
	(a) Left side from center line		
	(b) Right side from center line		
1.10	Whether proposal is in the same side where land is not to be acquired	N/A.	
	If not then where to lay the cable		
1.11	Details of already laid services, if any,	N/A.	

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	along the proposed route		
1.12	Number of lanes (2/4 /6/8 lanes) existing	4 Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 / 6/8 lanes)		
1.14	Service Road existing or not	Yes	
	If yes then which side		
	(a) Left side from center line	Left	
	(b) Right side from center line		
1.15	Proposed Service Road	N/A.	
	(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 and main carriageway	After service road	
1.17	The permission for laying of Gas pipeline shall be considered for approval / rejection based on the Ministry Circulars mentioned as above.	Yes	
	(a) Carrying of sewage / Gas pipelines on highway bridges shall not be permitted as Fumes / Gas pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of Gas.	For Natural Gas pipeline	
	(b) Carrying of Gas pipelines on bridges shall not be discouraged. Ho wever, if the Gas authorities seem to have no other viable alternative and a pproach the highway authority well in time before the design of the bridge is finalized, they may be permitted to c arry the pipeline on independent superstructure, supporte d on extended portions of piers and abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repairs etc.	N/A	
	(c) Cost of required extension of the substructure as well as that of the supporting superstructure 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 bridges has to be kept in view while permitting various services along	N/A	

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	bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only.		
1.18	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	Yes	
	(a) Existing drainage structures shall not be allowed to carry the lines.	Agree	
	(b) The utility services shall cross the National Highway preferably on a line normal to it or as nearly show as practicable. GAIL Gas Limited shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.	Yes	
	(c) The casing pipe may be installed under the route embankment either by boring or digging a trench. Installation by boring method shall prefer.	Yes, Casing Will Be Provided	
	(d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable.	Yes	
	(e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a 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	

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	(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 meter below the drain inverts.	Yes	
	(h) Crossing shall be by boring method (HDD) specially 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 Gas way along it.	Yes	
2	Document / Drawings enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.2-meter-deep X 0.6 meter wide) (i) Should not be greater than 60 cm wider than the outer diameter of the pipe (ii) Located as close to the extreme edge of the right-of-way as possible but the utility services shall cross the National Highway preferably on a line normal to it or as nearly so as practicable. (iii) The casing pipe shall be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred. (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.	Enclosed	
2.2	Cross section showing the size of pit and location of cable for HDD method	Enclosed	
2.3	Strip plan / Route plan showing Gas pipeline, Chainage, width of ROW, distance of proposed cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Enclosed	
2.4	Methodology for laying of Gas pipeline	Enclosed	
2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither	Agree	

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	cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench		
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Agree	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value.	Agree	
	Unsuitable soil and rock edged should be excavated and replaced by selected material.	Agreed	
	(c) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Agreed	
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	Agreed	
	(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.	Agreed	
	(f) The excavation shall be protected by flagman, signs 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	Yes	
2.4.3	Laying of Gas pipeline through CD works and method of laying		
	(a) The utility services shall cross the	Yes	

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	National Highway preferably on a line normal to it for as nearly so as practicable and subject to all other stipulations contained in this Ministry's guidelines issued with letter No. RW/NH-33044/29/ 2015/S&R(R) – Dtd. 22nd November, 2016		
3	Draft License Agreement signed by two witnesses	Enclosed	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs..... per running meter (parallel to NH) and Rs ..... per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a 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 meters 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.	Will obtain at the time of receipt of permission	
4.1	Performance BG as per above is to be obtained.	Yes	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	No	
5	Affidavit / Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed	
5.2	Renewal of Bank Guarantee	Enclosed	
5.3	Confirming all standard condition of NHAI guideline	Enclosed	
5.4	Shifting of Gas Pipeline as and when required by NHAI at their own cost	Enclosed	
5.5	Shifting due to 6 lanning / widening of NH	Enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Enclosed	
5.7	Traffic movement during laying of Gas pipeline to be managed by the applicant	Enclosed	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Enclosed	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs or alterations to the showing Gas Pipeline	Enclosed	

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	located in the National Highway right-of-ways.		
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 Pipeline will be borne by the agency owning the line.	Enclosed	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Enclosed	
5.12	Certificate from the applicant in the following format	Enclosed	
	(i) Laying of Gas Pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.		
	(ii) for 6 – lanning "We do undertake that I will relocate service road / approach road / utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future Six – lanning or any other development."		
6	Who will sign the agreement on behalf of Gas Pipeline agency Power of attorney to sign agreement available or not	Ankur (Chief Manager, CGD) GAIL Gas Limited.	
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 – 31.1.1969, Ministry Circular No. – NH-III/P/66/76 dated– 18/19.11.1976, Ministry Circular No. – NH-RW/NH-III/P/66/76 dated – 11.5.1982, Ministry Circular No. – RW / NH-11037 / 1 / 86 – DOI (ii) dated – 28.7.1993, Ministry Circular No. – RW / NH-11037 / 1 / 86/DOI dated – 19.1.1995, Ministry Circular No. – RW / NH-	Yes	

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	34066 / 2 / 95 S&R dated – 25.10.1999, Ministry Circular No. – RW / NH-34066 / 7 / 2003 S&R (B) dated – 17.9.2003 and RW/NH-33044/29/2015/S&R(R) – Dated 22nd November, 2016		
7.2	Certificate from PD in the following format	Yes	
	(i) "It is certified that any other location of the Gas Pipeline would be extremely difficult and unreasonable costly and the installation 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 etc".		
	(ii) for 6 – lanning (a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location". (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning".		
8	If NH section proposed to be taken up by NHAI on BOT basis – a clause is to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right of lay cable / duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [_____ section from Km ____ to Km _____ of NH No – ___ on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."	Enclosed	
9	Who will supervise the work of laying of Gas Pipeline?	GAIL Gas Limited.	
10	Who will ensure that the defects in road portion after laying of Gas Pipeline are corrected and if not corrected then what action will be taken.	NHAI	
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire	GAIL Gas Limited.	

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12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed).		
13	If any previous approval is accorded for laying of underground Gas Pipeline then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed		

For GAIL Gas Limited.

January 7th, 2024

Ankur
Chief Manager, CGD
अंकुर/ANKUR
मुख्य प्रबंधक (सी.जी.डी)/Chief Manager (CGD)
गेल गैस लिमिटेड/GAIL Gas Limited
मेरठ/Meerut
(उ०प्र०) २५०००४/(U.P.) 250004

Date : January 7th, 2024
Place: Meerut

Project Director
National Highways Authority of India
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