



# 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

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19001/1/RO-W-UP/NH-27/L-K/Km.65+300 to Km.69+600/UG/1955 Date: 16.03.2023

### Invitation of Public Comments

**Sub:** Proposal for laying of M/s Central UP Gas Ltd. (CUGL) Natural CS & MDPE Gas pipeline along NH-27 (Old NH-25) RHS on Lucknow-Kanpur Section from Ch.65+300 to Ch.69+600 (DODO CUGL-Zee School, Unnao to DODO CUGL, Banthar, Unnao) for approx 4.3 kms. in the State of Uttar Pradesh reg.

The Authorized Signatory M/s CUGL Ltd., Kanpur has submitted the proposal for granting NOC permission for laying of M/s Central UP Gas Ltd. (CUGL) Natural CS & MDPE Gas pipeline along NH-27 (Old NH-25) RHS on Lucknow-Kanpur Section from Ch.65+300 to Ch.69+600 (DODO CUGL-Zee School, Unnao to DODO CUGL, Banthar, Unnao) for approx 4.3 kms. in the State of Uttar Pradesh.

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, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

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

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

Encl: As above.

(S.K. Sharma)

**General Manager (T)  
For RO-West, UP**

#### 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. The Authorized Signatory, M/s CUGL, Kanpur for information.
4. The PD, PIU-Lucknow for information.

## CHECK- LIST

Guidelines for Project Directors for processing the proposal for laying of Natural Gas CS pipeline in the land along NH -27

### 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 11.05.1982
- 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/S&RLR dated 27.11.2016

Check list for getting approval for laying of Natural Gas CS pipeline in the land National Highway No-27

| S.No. | Item  | Information/Status   | Remarks  |
|-------|---|--|--|
| 1     | General Information   |  |  |
| 1.1   | Name and Address of the Applicant/Agency                                      | Central UP Gas Limited,<br>7 <sup>th</sup> Floor, UPSIDC<br>Complex, A- ¼,<br>Lakhanpur, Kanpur,<br>208024 |  |
| 1.2   | National Highway Number   | NH – 27  |  |
| 1.3   | State   | Uttar Pradesh  |  |
| 1.4   | Location  | Unnao  |  |
| 1.5   | (Chainage in Km)  | Along NH-27<br>1) Km CH. (65+300 to<br>69+600). R/s  |  |
| 1.6   | Length in Meters  | Along NH-4.3Kms.   | परियोजना निदेशक<br>भारतीय राष्ट्रीय राजमार्ग प्राधिकरण<br>प.का.इ., लखनऊ (उ.प्र.) |
| 1.7   | Width of available ROW  |  |  |
|       | (a) Left side from center line<br>towards increasing<br>chainage/km direction |  |  |
|       | (b) Right side from center  |  | 30mts.   |

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MOHD. WAKEEL  
BY: MANAGER (PROJECTS)  
Central U.P. Gas Limited  
(A JOINT VENTURE OF GAIL & BPCL)

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|------|---|---------------------------------|--|
| 1.8  | Proposal to lay underground Natural CSGas pipeline  | Along the NH-27                 |  |
|      | (a) Left from center line towards increasing chainage/km direction.   |                                 |  |
|      | (b) Right side from center line towards increasing chainage/km direction  | NA                              |  |
| 1.9  | Proposal to acquire land  | NA                              |  |
|      | (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   | No acquisition of land required |  |
|      | If not, then where to lay the Pipeline  | Along the NH-27                 |  |
| 1.11 | Details of already laid services, if any, along the proposed route  | NA                              |  |
| 1.12 | No of lanes (2/4/6/8 lanes) existing  | 4lane                           |  |
| 1.13 | Proposed Number of lanes (2 lanes with paved shoulder 4/6/8 lanes)  | 4lane                           |  |
| 1.14 | Service road existing or not  | Existing                        |  |
|      | If yes then which side  |                                 |  |
|      | (a) Left side from centre line  | Not Existing                    |  |
|      | (b) Right side from centre line   | Existing                        |  |
| 1.15 | Proposed service road   |                                 |  |
|      | (a) Left side from centre line  |                                 |  |
|      | (b) Right from center line  |                                 |  |
| 1.16 | Whether proposal to lay gas pipeline is after the service road or between the service road and main carriageway                   | N/A                             |  |
| 1.17 | The Permission for laying of Gas pipeline shall be considered for approval/rejection based on the Ministry Circulars mentioned as |                                 |  |

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|      | Ministry Circulars 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  | NA |  |
|      | (b) Carrying of gas pipelines on bridges shall also discouraged 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 in 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. | NA |  |
|      | (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.   | NA | परियोजना निदेशक<br>भारतीय राष्ट्रीय राजमार्ग प्राधिकरण<br>प.का.इ., लखनऊ (उ.प्र.) |
|      | (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 bridge. Approvals to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers Only  | NA |  |
| 1.18 | If Crossing of the road involved  | NO |  |

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*[Signature]*  
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DY. MANAGER (PROJECTS)  
Central U.P. Gas Limited  
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|  | If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expensed o f the agency owning the line  | N/A |  |
|  | (a) Existing drainage structures shall not be allowed to carry the lines  | N/A |  |
|  | (b) Is it on a line normal to NH-27   | N/A |  |
|  | (C) Crossings shall not be too near the existing structures on the NH-27, the minimum distance being 15 meter. What is the distance from the existing structures  | N/A |  |
|  | 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. | N/A |  |
|  | e) Ends of the casing/conduit pipe shall be sealed form the outside, so that it does not act as a drainage path.  | N/A |  |
|  | 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   | N/A | परियोजना निदेशक<br>भारतीय राष्ट्रीय राजमार्ग प्राधिकरण<br>प.का.इ., लखनऊ (उ.प्र.) |
|  | 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.   | N/A |  |
|  | h) Crossing shall be by boring method (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type   | N/A |  |
|  | l) 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   | N/A |  |

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|       | waterway along it.  |   |  |
| 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 deepX 0.3 wide)  | Yes   |  |
|       | i) Should be greater than 60 Cm 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 8meter 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 shall these be laid over the existing culverts and bridges.     | Yes   |  |
|       | 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.  | Yes   |  |
| 2.2   | Cross section showing the size of pit and location of pipe for HDD method   | N/A   |  |
| 2.3   | Strip plan/Route Plan showing Gas pipe line, Chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.     | Incorporated in the drawing                           |  |
| 2.4   | Methodology for laying of showing Gas pipe line   | HDD/Open trench Method<br>As per the attached drawing |  |
| 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   |  |

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|       | 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   | Yes |  |
|       | 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 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 | Yes |  |
|       | 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, signs 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   | N/A |  |
| 2.4.3 | Laying of Gas Supply Pipe Line through CD works and method of laying   | Yes |  |
|       | a) On approaches, the water mains/cables shall be carried along a line as  | Yes |  |

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|     | 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  |     |  |
| 3   | Draft License Agreement signed by two witness   | Yes |  |
| 4   | Performance bank Guarantee in favour of NH-27 has to be obtained @ Rs 100/- per running meter (parallel to NH-27) and Rs 100000/- per crossing of NH-27, 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 Dabris/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 NH-27 to the licensee for clearing debris/loose earth. |     | परियोजना निदेशक<br>भारतीय राष्ट्रीय राजमार्ग प्राधिकरण<br>प.का.इ., लखनऊ (उ.प्र.) |
| 4.1 | Performance BG as per above is to be obtained   |     |  |
| 4.2 | Confirmation of BG has been obtained as per NH-27 Guidelines  |     |  |
| 5   | Affidavit/undertaking from the application  | Yes |  |
| 5.1 | Not to Damage to other utility, if damaged then pay the losses either to NH-27 or to the concerned agency   | Yes |  |
| 5.2 | Renewal of Bank Guarantee   |     |  |
| 5.3 | Confirming all standard condition of NH-27'S guideline  | Yes |  |
| 5.4 | Shifting of Gas supply pipeline as and when required by NH-27 at their own cost   | Yes |  |

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| 5.5  | Shifting due to 6 lanning/widening of PWD NH-27   | Yes |  |
| 5.6  | Indemnity against all damages and claims clause (xxiv)  | Yes |  |
| 5.7  | Traffic movement during laying of Gas supply pipeline 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-27 shall be obtained before undertaking any work if installation, shifting or repairs, or alteration to the showing Gas supply pipe line located in the NH-27 right-of-ways.   | Yes |  |
| 5.10 | Expenditure, if any, incurred by NH-27 for repairing any damage caused to the NH-27 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-27 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-27 at the cost of the agency owning 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 roadway safety for traffic.  | Yes |  |
|      | (ii) For 6- lanning "We do undertake that I will relocate service road/approach road/utilities at my own cost not with standing the permission granted with such time as will be stipulated by NH-27" for future six- lanning or any other  | Yes |  |

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|     | development."  |   |  |
| 6   | Who will sign the agreement on behalf of gas supply pipe line agency?  | Dy. Manager-Project<br>Central UP Gas Limited |  |
| 7   | Certificate from the Project Director  |   |  |
| 7.1 | Certificate for confirming of all standard condition issued vide ministry circular no. 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                                      | परियोजना निदेशक<br>भारतीय राष्ट्रीय राजमार्ग प्राधिकरण<br>प.का.इ., लखनऊ (उ.प्र.) |

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*Singh*

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*M. Wakeel*

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