



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

परियोजना कार्यान्वयन इकाई, अलीगढ़

National Highways Authority of India

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

Project Implementation Unit, Aligarh



Building a Nation,
Not Just Roads

सड़क निर्माण ही नहीं,
राष्ट्र निर्माण भी।

यमेव जयते

Government Service

सरकार सेवार्थ

Village-Bhikampur, At KM 132.400 RHS on NH-34, Aligarh Bypass, Aligarh - 202001 (U.P.)
ग्राम-भीकम्पुर, एन.एच-34 के 132.400 कि०मी० आर०एच०एस० पर, अलीगढ़ बाईपास, अलीगढ़-202001 (उ०प्र०)
Email : aligarh@nhai.org | nhaiuibsr001@gmail.com

Dated: 22.07.2024

NHAI/PIU-ALG/15016/P-III/NOC/2024/ 22165

Invitation of Public Comments

Sub: Permission for laying proposed 8" Dia of Steel Gas Pipeline with OFC across NH-34 (Etah-Kanpur Road) from Left to Right, across at Ch. 264+400 & Ch. 275+400 for develop CGD Network in Mainpuri District in the State of Uttar Pradesh.

General Manager Project, M/s Hindustan Petroleum Corporation Limited, Bareilly submitted the proposal for permission for U/G road crossing by 8" Dia Steel Gas Pipeline with OFC at Ch.264+400 & Ch.275+400 on NH-34 (Old NH-91) (through HDD Method) in the State of Uttar Pradesh

2. From the submitted proposal, it is seen that the crossing length is proposed 80m (HDD Method). Further, the depth of Pipeline below the ROW will be 1.50m minimum.

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 Project Director,
National Highways Authority of India
Project Implementation Unit- Aligarh
Village- Bhikampur, At Km. 132.400 (RHS) on NH-34,
Aligarh Bypass, Aligarh -202001 (U.P.)**

Encl: As above.

(Indresh Kumar)
Project Director

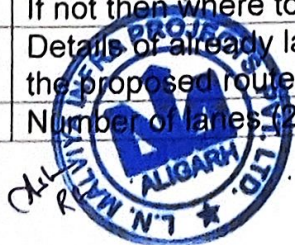
Copy to:

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. Regional Officer (W-UP), NHAI-Lucknow for kind information.
4. General Manager, M/s HPCL, Bareilly (U.P.) for information.


CHECK – LIST

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


Sr. No.	Item	Information / Status	Remarks
1	General Information	HPCL Gas Pipeline Crossing	
1.1	Name and Address of the Applicant / Agency	Hindustan Petroleum Corporation Limited City Gas Distribution, UP&UK cluster 1st & 2nd floor Mahalaxmi Towers, 112 Civil lines, Bareilly-243001, U.P.	
1.2	National Highway Number		
1.3	State		
1.4	Location		
1.5	(Chainage in Km)	Across the Road: Across: (Left to Right) at Ch 264.400 Km & Ch 275.400 Km.	
1.6	Length in Meters	Across the Road: Across: (Left to Right) at Ch 264.400 Km & Ch 275.400 Km. (Length = 80 M)	
1.7	Width of available ROW	40	
	(a) Left side from center line towards increasing chainage / km direction	20	
	(b) Right side from center line towards increasing chainage / km direction	20	
1.8	Proposal to lay underground Gas pipeline with OFC cable	N/A Yes, crossing.	
	(a) Left side from center line towards increasing chainage / km direction		
	(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 ओमेंद्र/OMENDRA	परियोजना निदेशक / Project Director	
	(b) Right side from center line (तक)/Manager (Tech.)	राष्ट्रीय राष्ट्रीय राजमार्ग प्राधिकरण / National Highways Authority of India	
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, along the proposed route	N/A. shown in drawing	
1.12	Number of lanes (2/4/6/8 lanes) existing	4 Lane	



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General Manager - Projects

1.13	Proposed Number of lanes (2 lane with paved shoulders /4 /6/8 lanes)	NA	
1.14	Service Road existing or not	NA	
	If yes then which side		
	(a) Left side from center line		
	(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 with OFC is after the service road or between the service road and main carriageway	N/A.	
1.17	The permission for laying of Gas pipeline with OFC 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 with OFC	
	(b) Carrying of Gas pipelines on bridges shall not be discouraged. However, if the Gas 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 superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free space 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 bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only.	N/A <div style="text-align: right;">  परियोजना निदेशक / Project Director भारतीय राष्ट्रीय राजमार्ग प्राधिकरण / National Highways Authority of India परियोजना कार्यान्वयन इकाई - अलीगढ़ / Project Implementation Unit - Aligarh </div>	
1.18	If crossings of the road involved If Yes, it shall be done by HDD method or through	Yes	



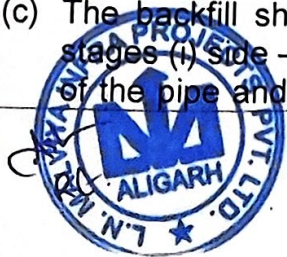

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General Manager - Projects

structure or conduits specially built for that purpose at the expenses of the agency owning the line		
(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. HPCL shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The 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.	N/A (HDD Method used without casing Pipe)	
(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.	N/A (HDD Method used without casing Pipe)	
(e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	N/A (HDD Method used without casing Pipe)	
(f) The carrier 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 carrier 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	Dr. 28-11-2018
(h) Crossing shall be done by HDD method specially where The existing road pavement is of cement concrete or dense bituminous concrete type.	Yes	Dr. 28-11-2018
(i) The carrier pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent	Yes	



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	the formation of a Gas way along it.		
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.	N/A	
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 with OFC, 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 with OFC	Enclosed	
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 (a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe. (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 any change in the bearing value.	N/A	
	Unsuitable soil and rock edges 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 of the pipe and (ii) overfill to the bottom		




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परियोजना निदेशक / Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण / National Highways Authority of India
परियोजना कार्यान्वयन इकाई - अलीगढ़ / Project Implementation Unit - Aligarh


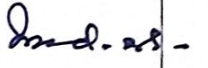
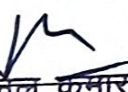
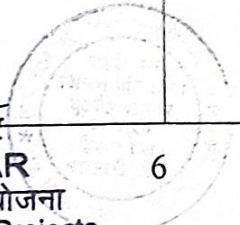
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महाप्रबन्धक - परियोजना
General Manager - Projects

	of the road crust.		
	(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.		
	(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.		
	(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.		
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line		
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	
2.4.3	Laying of Gas pipeline with OFC through CD works and method of laying	Yes	
	(a) The utility services shall cross the 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	Yes	
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 prior 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	No permission	


 परियोजना निदेशक / Project Director
 भारतीय राष्ट्रीय राजमार्ग प्राधिकरण / National Highways Authority of India
 परियोजना कार्यान्वयन इकाई - अलीगढ़ / Project Implementation Unit - Aligarh


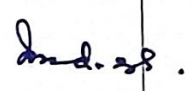


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	per NHAI guidelines		
5	Affidavit / Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Enclosed ✓	
5.2	Renewal of Bank Guarantee	Enclosed ✓	
5.3	Confirming all standard condition of NHAI guideline	Enclosed ✓	
5.4	Shifting of Gas Pipeline with OFC 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 with OFC 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 located in the National Highway right-of-ways.	Enclosed ✓	
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 with OFC 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 with OFC 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.”		



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General Manager - Projects

6	Who will sign the agreement on behalf of Gas Pipeline agency Power of attorney to sign agreement available or not	Anil Kumar (General Manager, HPCL CGD - Projects).	
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-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	Yes	
7.2	Certificate from PD in the following format	Yes	
	(i) "It is certified that any other location of the Gas Pipeline with OFC would be extremely difficult and unreasonable costly and the installation of Gas Pipeline with OFC 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-lanning 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". ओमेंद्र/OMENDRA		
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 []	परियोजना निदेशक/Project Director भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Aligarh	



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General Manager - Projects

	section from Km _____ to Km _____ of NH No - _____ on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."		
9	Who will supervise the work of laying of Gas Pipeline with OFC?	HPCL	
10	Who will ensure that the defects in road portion after laying of Gas Pipeline with OFC 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	HPCL	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed performa (copy enclosed).		
13	If any previous approval is accorded for laying of underground Gas Pipeline with OFC then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed		

Yours Sincerely

(Signature)

Date : 23.05.2024
Place : Bareilly

Anil Kumar
General Manager - Projects
Hindustan Petroleum Corporation
Limited Bareilly.



ओमेंद्र/OMENDRA
प्रबंधक (तक0)/Manager (Tech.)
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India
परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Aligarh

(Signature)
परियोजना निदेशक/Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India
परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Aligarh

LINE OF CROSSING NH-34 AT CHANAGE 264.400 KM (ALONG THE ETAAH-KANPUR ROAD)

(11a)

STATION
ELEVATION
(AS PER W.S.D.)

8" DIA. CARBON
STEEL PROPOSED
GAS PIPELINE with
OFC

EXISTING HPCL GAS
Pipeline

PIT SIZE DETAILS:
1.5 X 1.5 METER

ROW BOUNDARY
Utility Corridor

NH-34 ETAAH-KANPUR
ROAD

SHOULDER
Carriage way
Carriage way
Carriage way
SHOULDER

ROW BOUNDARY
Utility Corridor

8" DIA. CARBON
STEEL PROPOSED
GAS PIPELINE with
OFC

8" DIA. CARBON
STEEL PROPOSED
GAS PIPELINE with
OFC

Kanpur



ओम/OMENDRA
प्रबंधक (तकनीकी)/Manager (Tech.)
राष्ट्रीय राजमार्ग निष्पन्न/Highways Authority of India
परियोजना कार्यान्वयन/Project Implementation Unit-Agra

प्रमुख निदेशक/Chief Director
राष्ट्रीय राजमार्ग निष्पन्न/Highways Authority of India
परियोजना कार्यान्वयन/Project Implementation Unit-Agra

अनिल कुमार
ANIL KUMAR
सहायक प्रमुख - परियोजना
General Manager - Projects

10.06.2024

NOTE:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. ADJUSTMENT OF EXISTING PIPE & CABLES SHALL BE DONE AS PER W.S.D.
3. CONSTRUCTION SHALL BE DONE AS PER W.S.D.
4. PROTECTION SHALL BE DONE AS PER W.S.D.
5. PROTECTION SHALL BE DONE AS PER W.S.D.

HDD CROSSING DETAILS		
S.NO.	DESCRIPTION	TOTAL LENGTH
1	8" DIA. CARBON STEEL PROPOSED GAS PIPELINE with OFC	40.00 Meter

HDD CROSSING DETAILS	
PIPELINE CATEGORY	DEPTH (MIN) IN METER
PIPELINE CATEGORY	1.5 METER

Hindustan Petroleum Corporation Limited Burely

STANDARD GAS PIPELINE CROSSING (CONCRETE PROPOSED)

HORIZONTAL DIRECTIONAL DRILLING (HDD)

PROPOSED PIPELINE NH-34 ETAAH-KANPUR

DATE: 10.06.2024

HPCL/2024/21/3