



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-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)

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19001/1/RO-W-UP/NH-19/16"Dia-UG/NOC/202

Dated: 14.05.2020

Invitation of Public Comments

Sub: Permission for laying proposed 16" (Carbon Steel Pipe) Tundla-Gawaria Product pipeline across NH-2 (New NH-19) (Kanpur to Jhansi) in Chiraura & Raypur Kukhat Village of Akbarpur Tehsil of Kanpur Dehat District in the State of Uttar Pradesh - reg.

The DGM (Construction) M/s IOCL, Agra has submitted the proposal through PD, PIU-Kanpur for permission for laying proposed 16" (Carbon Steel Pipe) Tundla-Gawaria Product pipeline across NH-2 (New NH-19) (Kanpur to Jhansi) in Chiraura & Raypur Kukhat Village of Akbarpur Tehsil of Kanpur Dehat District in the State of Uttar Pradesh.

2. From the submitted proposal, it is seen that as per checklist, the crossing length is proposed 60m at Ch. 449.170 on NH-2. Left side from center line towards increasing chainage/ km direction is 30m and Right side from center line towards increasing chainage/ km direction is 30m. Diameter of the Pipeline/ Cable is 16" Carbon Steel Pipeline. Minimum depth of Pipeline below the ROW will be 7.0m. At the centre line of road the pipeline will be at a depth of 9.51m from the ground level. Laying work will be carried out through HDD method. The existing NH is 6 lane divided carriageway.

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).

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

Encl: As above.

Pankaj Kumar
(Pankaj Kumar)
DGM (T)
For RO-West, UP

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. The DGM (Construction) M/s IOCL, Agra with request to deposit License Fee of Rs. 2,05,096/- in "Bharat Kosh" through online and submit the proof of deposition to this office through proper channel. DD already returned to PD by this office letter No. 28 dt. 17.01.2020.
4. The PD, PIU-Kanpur for compliance mentioned (Sl. No.-3) above.

"Building a nation, not just Roads."



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

CHECK – LIST

**Check list for getting approval for laying of Product pipeline on National Highway New NH-19
(Section of NH-2) Etawah- Chakeri (Kanpur) Government of India guidelines GR No. RW/NH-
33044/29/2015/S&R(R) Dtd. 22.11.2016**

Sr. No.	Item	Information / Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant / Agency	As per Annexure A	
1.2	National Highway Number	NH-19 (section of NH-2)	
1.3	State	Uttar Pradesh	
1.4	Location	Village - Chiraura & Raypur Kukhat, Tehsil- Akbarpur, Dist.-Kanpur Dehat	
1.5	(Chainage in Km)	Across: National Highway New NH-19 (Section of NH-2) Etawah- Chakeri (Kanpur)	
1.6	Length in Meters	Across-60.00 m	
1.7	Width of available ROW	60m	
	(a) Left side from center line towards increasing chainage / km direction	30m	
	(b) Right side from center line towards increasing chainage / km direction	30m	
1.8	Proposal to lay underground Product pipeline	Yes for 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		
	(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, along the proposed route	N.A.	
1.12	Number of lanes (2/4 /6/8 lanes) existing	6 Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	N.A.	
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	No	
	(a) Left side from center line		
	(b) Right side from center line		

उप महाप्रबंधक (तक.) (पुरुषोत्तम लाल चौधरी)
 भारा.रा.प्रा., प.का.इ., कानपुर भारा.रा.प्रा., प.का.इ., कानपुर



Sr. No.	Item	Information / Status	Remarks
1.16	Whether proposal to lay Product pipeline is after the service road or between the service road and main carriageway	Crossing of National Highway	
1.17	The permission for laying of Product pipeline shall be considered for approval / rejection based on the Ministry Circulars mentioned as above.	YES	
	(a) Carrying of sewage / Gas/Product pipelines on highway bridges shall not be permitted as Fumes / Gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of Gas.	For Product pipeline	
	(b) Carrying of Product pipelines on bridges shall not be discouraged. However, if the Product 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	

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भा.रा.रा.प्रा., प.का.इ., कानपुर



(पुरुषोत्तम लाल चौधरी)
महाप्रबन्धक (तक.) - रा.स. परियोजना निदेशक
भा.रा.रा.प्रा., प.का.इ., कानपुर

Sr. No.	Item	Information / Status	Remarks
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 By HDD Method	
	(a) Existing drainage structures shall not be allowed to carry the lines.	N.A	
	(b) The utility services shall cross the National Highway preferably on a line normal to it or as nearly show as practicable. Indian Oil Corporation 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.	N.A	
	(c) The casing pipe may be installed under the route embankment either by boring or digging a trench. Installation by boring method shall preferred.	N.A	
	(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	
	(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	
	(f) 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.	N.A	
	(g) The top of the casing / conduit pipe should be at least 1.65 meter below the surface of the road subject to being at least 0.3 meter below the drain inverts.	N.A	
	(h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Yes	

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Sr. No.	Item	Information / Status	Remarks
	(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.	N.A	
2	Document / Drawings enclosed with the proposal	Enclosed for crossing	
2.1	Cross section showing the size of trench for open trenching method. (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) 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 (v) 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 Product 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 Product pipeline	Enclosed for crossing	
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.		

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Sr. No.	Item	Information / Status	Remarks
	(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.		
	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 of the pipe and (ii) overfill to the bottom 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 deep 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 Product pipeline through CD works and method of laying	HDD	
	(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. 22 nd November, 2016	YES	

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Sr. No.	Item	Information / Status	Remarks
3	Draft License Agreement signed by two witnesses	Draft License Agreement enclosed duly signed by two witnesses	
4	Performance Bank Guarantee in favour of National Highway Authority of India (NHAI) has to be obtained @ Rs.100/- per running meter (parallel to NH) and Rs. 1,00,000/- 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 meter away from the edge of the right of way. No payment shall be payable by the National Highway Authority of India (NHAI) to the licensee for clearing debris / loose earth.	Will obtain At time of permission	
4.1	Performance BG as per above is to be obtained.	YES	
4.2	Confirmation of BG has been obtained as per National Highway Authority of India (NHAI) guidelines	YES	
5	Affidavit / Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to National Highway Authority of India (NHAI) or to the concerned agency	Enclosed	
5.2	Renewal of Bank Guarantee	Will be done	
5.3	Confirming all standard condition of National Highway Authority of India (NHAI)'s guideline	Enclosed	
5.4	Shifting of Product Pipeline as and when required by National Highway Authority of India (NHAI) at their own cost	Enclosed	
5.5	Shifting due to 8 lanning / widening of National Highway Authority of India (NHAI)	Enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Enclosed	
5.7	Traffic movement during laying of Product 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	

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(प्रमुख) लाल चौधरी
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Sr. No.	Item	Information / Status	Remarks
5.9	Prior approval of the National Highway Authority of India (NHAI) shall be obtained before undertaking any work of installation, shifting or repairs or alterations showing Product Pipeline located in the National Highway right-of-ways.	Enclosed	
5.10	Expenditure, if any, incurred by National Highway Authority of India (NHAI) for repairing any damage caused to the National Highway by laying, maintenance or shifting of the Product Pipeline will be borne by the agency owning the line.	Enclosed	
5.11	If the National Highway Authority of India (NHAI)'s 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 National Highway Authority of India (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 Product Pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	Enclosed	
	(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 National Highway Authority of India (NHAI) for future 8 – lanning or any other development."	Enclosed	
6	Who will sign the agreement on behalf of Product Pipeline agency Power of attorney to sign agreement available or not	Aman Sinha Dy. General Manager (Construction)	
7	Certificate from the Project Director		

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(पुस्तकालय चोखरी)
महाप्रबन्धक (तक.) सह-परियोजना निदेशक
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Sr. No.	Item	Information / Status	Remarks
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 22 nd November, 2016	YES	
7.2	Certificate from National Highway Authority of India (NHAI) 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 Product 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 8-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 8-lanning".		
8	If NH section proposed to be taken up by National Highway Authority of India (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."		
9	Who will supervise the work of laying of Product Pipeline	Indian Oil Corporation Ltd.	
10	Who will ensure that the defects in road portion after laying of Product Pipeline are corrected and if not corrected then what action will be taken.	National Highway Authority of India (NHAI)	
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire.	Indian Oil Corporation Ltd.	

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Sr. No.	Item	Information / Status	Remarks
12	A certificate from National Highway Authority of India (NHAI) 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 Product Pipeline then Photocopy of register of records of permissions accorded as maintained by National Highway Authority of India (NHAI) copy to be enclosed	N.A.	

For and on behalf of
Indian Oil Corporation Limited


18.07.2019
(Aman Sinha)

Dy. General Manager(Construction)

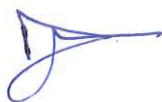
अमन सिन्हा/AMAN SINHA


उप महाप्रबन्धक (निर्माण)
Deputy General Manager (Construction)

इंडियन ओयल कॉर्पोरेशन लिमिटेड
Indian Oil Corporation Limited

दूण्डला-गौरिया, पाइपलाइन परियोजना
Tundla-Gawria, Pipeline Project
E-160, 1st & 2nd Floor, Kamla Nagar, Agra-282004

Date : . . 20




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