



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, उ०प्र०(पूर्व) वाराणसी

Regional Office - U.P. (East), Varanasi

एस- 2/656, ए-3 बी, वरुणा विहार कालोनी, द्वितीय एवं तृतीय तल, वन प्लेस टावर
(जे०पी० मेहता सीनियर सेकेंडरी स्कूल के पीछे), सिकरौल, वाराणसी-221002 (उ०प्र०)

S-2/656, A-3B, Varuna Vihar Colony, 2nd & 3rd floor, one place Tower
(Behind J.P. Mehta Sr. Secondary School), Sikraul Varanasi-221002 (U.P.)



दूरभाष/Phone : 91-542-2280243

: 91-542-2280372

ई-मेल/E-mail : rovaranasi1@gmail.com

: rovaransi@nhai.org

वेबसाइट/Website : www.nhai.org

No. 14011/42/RO/UP(E)/2020/1949

Date: 05.06.2020

Invitation of public comments

Sub.: Proposal for permission for laying proposed Oil Pipeline from IOCL Amausi Depot to AFS Lucknow Airport across NH-25 (Kanpur-Lucknow) in Vikas Khand Sarojni Nagar, District Lucknow- Reg.

Sr. Manager (Operation & Construction), IOCL Lucknow has submitted the subject proposal through PIU-Lucknow letter no. 83, dated 14.05.2020, for permission for underground laying/crossing of Oil Pipeline from IOCL Amausi Depot to AFS Lucknow Airport across NH-25 (Kanpur-Lucknow) through trenchless method.

2. From the submitted proposal, it is noted that the utility (Oil Pipeline of 325 mm dia) is proposed to be laid/crossed at Ch. 13.010 of NH-25 (Kanpur-Lucknow Section) through trenchless (HDD) method. The width of ROW at crossing location is 39 M.

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 Chief General Manager cum Regional Officer,
National Highways Authority of India
Regional Office, UP-East, Varanasi
S-2/656, A-3B, Varuna Vihar Colony,
2nd & 3rd Floor, One Place Tower,
Behind J.P. Mehta Sr. Secondary School,
Sikraul, Varanasi-221002

This issue with the concurrence of CGM (Tech.)/RO

Encl: As above

(C.M. Dwivedi)

General Manager (Tech.)

Copy to:

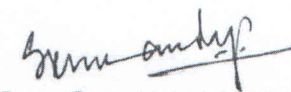
- Web Admin, NHAI-HQ- with request for uploading on the NHAI website
- The Technical Director, NIC, Transport Bhawan, New Delhi - with request for uploading on the Ministry's website.
- Sr. Construction Manager, IOCL Pipeline Division, Lucknow - for information please
- The Project Director, NHAI, PIU-Lucknow- for information please.

ANNEXURE-'A'

Details of Laying Underground Pipeline Across National Highway

1. (i) Name of company asking for : Indian Oil Corporation Limited.
Permission
- (ii) Contact Person : Name & Designation : S.K. Nandy
Chief General Manager(Construction)
- (iii) Full Address : Indian Oil Corporation Limited,
Project Construction Office Patna,
House No.260, Patliputra Colony
near Shiv Mandir Gosai Tola, Patna -
800013 Bihar Phn No.- 0612-
2579026, 91-9868500022
- (iv) Telephone No. and Fax : 0612- 2579026/ 9868500022
- (v) Details & purpose for laying the pipe : Permission for laying proposed Oil
line Across to Ex. Highway Land Pipeline From IOCL Amousi Depot To Afs
Lucknow Airport across NH-25 (Kanpur-
Lucknow) in Vikas Khand- Sarojininagar,
District- Lucknow.
- (vi) Any other details regarding laying :
 - (a) Distance of proposed site from the : Crossing
center of the road.
 - (b) Whether it is possible to lay the : YES
proposed lines or not (reasons)
 - (c) Whether it is possible to cross the : No
proposed lines through existing
lines or not (reasons)
2. Details regarding road alignment whether :
U/G Cable / pipe is to be laid a along the
road
 - (i) Name of Road : NH-25 (Kanpur-Lucknow)
 - (ii) Category of road (to be ascertained : NH-25 (Kanpur-Lucknow)
from Km. stone on road side) @Ch: 13.010 km
 - (iii) Width of the road


Dy. Manager (Tech)
NH-25, Patna - 800013

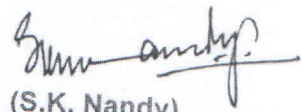

एस.के.नन्दी/S.K. NANDY
मुख्य प्रशासक (निर्माण)/Chief General Manager (Const.)

- (a) Formation width measured from earthen bank : 29.00m
- (b) Black Topped carriageway width(including both lanes) : 19.00m
- (c) Road Boundary (extent of highway land) : 39.00m
(All these details are to be shown on the drawing also)
- (d) Location of pipeline laying Crossing : At Vikas Khand - Sarojininagar of Lucknow Dist.
3. Details to be supplied on layout drawings (6 sets) : Drawing enclosed (Annexures)
4. **GEOGRAPHICS OF THE PIPELINE ROUTE**
- (a) Dimension of the Pipeline trench : HDD method
- (b) Dimension of Bore. : 325 mmØ
- (c) Diameter of the Pipeline / Cable. : 8.625"Ø NB Steel Pipeline
- (d) Right of User : 1.2m
5. (i) This is to certify that no Govt. Land shall be occupied by Indian Oil Corporation Ltd., Surat except for the purpose of laying of UG Cables / Pipeline. : Agreed
- (ii) This is to certify that the work shall be in accordance with the Govt. Rules and regulations in force from time to time and binding to Indian Oil Corporation Limited : Agreed
- (iii) This is to certify that all required cost and fees as per rules and regulation of the Govt. will be deposited timely. : Agreed

Date : .2019
Place :


BY Manager (Tech)
PIU, Lucknow

For and on behalf of
Indian Oil Corporation Limited


(S.K. Nandy)
Chief General Manager (Construction)

एस.के.नन्दी/S.K NANDY
मुख्य महाप्रबंधक (निर्माण)/Chief General Manager (Const.)
इंडियन ऑयल कॉर्पोरेशन लिमिटेड/Indian Oil Corp. Ltd.
एन.एच. 24, लखनऊ

Annexure - 3

NOTES:-

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. INSTALLATION OF CARRIER PIPE & CARRIER PIPE SHALL BE DONE TOGETHER BY A SINGLE HORIZONTAL, DIRECTIONAL DRILLING (HDD) OPERATION.
3. PIPELINE SECTION INSTALLED BY HDD TECHNIQUE TO BE 10% GREATER THAN THE MINIMUM SECTION ON BOTH SIDES OF THE CROSSING.
4. DEPTH OF MAINLINE COVER (BETTER) SHALL BE SUFFICIENT TO PROTECT THE MAINLINE COVER AS PER PIPE.
5. TRANSITION PIPE AS PER PD SHALL BE PROVIDED WHEREVER REQUIRED.

TYPICAL CROSS SECTION

MAIN LINE COVER

PIPELINE CATEGORY	D' (MIN) IN METRE	D1' (MIN) IN METRE	X' (MIN) IN METRE
PETROLEUM PRODUCT/ CRUDE PIPELINE	1.20 M	1.50 M	3.00 M
LPG / R-LNG PIPELINE	1.50 M	1.50 M	3.00 M

SECTION A-A

8mm (OD) SCH 80 MS PIPE
40 mm (OD) HDPE
GFC CABLE

DIA OF BORE = 218 + 89 = 308 mm
≈ 325 mm

PURPOSE TENDER

OLD REFERENCE DRAWING DMC, INC.

INDIAN OIL CORPORATION LIMITED (PVT) LTD.
STANDARD MAINLINE DRAWING

STANDARD SHALLOW HDD ROAD CROSSING WITH OPTICAL FIBRE CABLE

DATE: 15.01.2020
DRAFTER: S.K. NANDY
CHECKED: S.K. NANDY
SCALE: 1:100

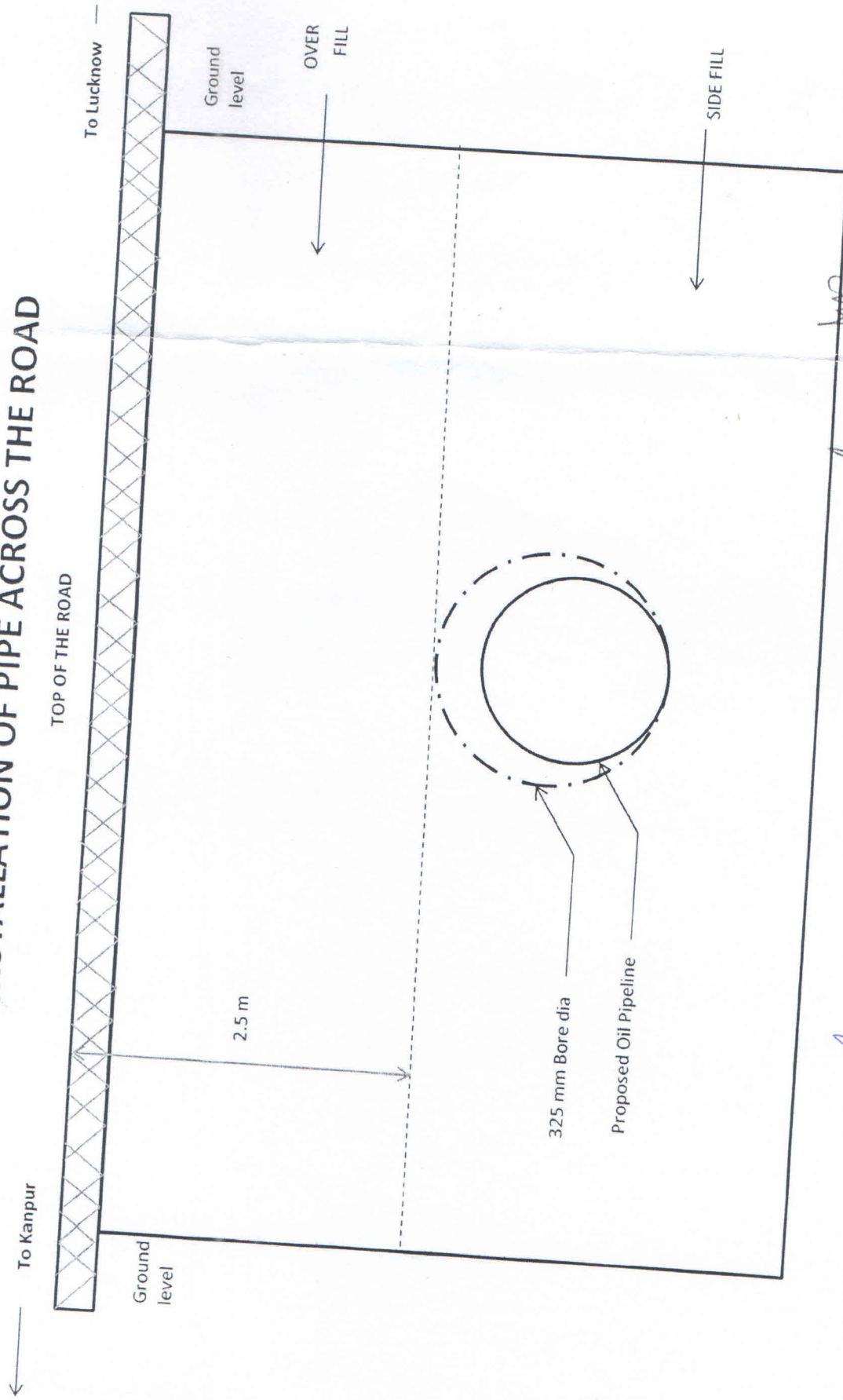
Dy Manager (Tech)
NHAI, PIU, Lucknow

एस.के. नन्दी / S.K. NANDY
मुख्य महाप्रबंधक (निर्माण)/Chief General Manager (Const.)
भारतीय नौवहन प्राधिकरण, पटना/Indian Oil Corp. Ltd.

भारतीय नौवहन प्राधिकरण, पटना/Indian Oil Corp. Ltd.
भारतीय नौवहन प्राधिकरण, पटना/Indian Oil Corp. Ltd.
भारतीय नौवहन प्राधिकरण, पटना/Indian Oil Corp. Ltd.

GM (T) / Project Director
NHAI, PIU, Lucknow

INSTALLATION OF PIPE ACROSS THE ROAD



for

एस. के. जे. नंदी / S.K. NANDY
मुख्य सहायक (निर्माण) / Chief General Manager (Const.)
इंडियन ओइल कॉर्पोरेशन लिमिटेड / Indian Oil Corp. Ltd.
प्रोजेक्ट निरमाण कार्यालय, पटना / Project Construction Office, Patna
हिरा निकेतन, कोलिकेट नगर, बेल्ही रोड, पटना-801503
Hira Niketan Kalket Nagar, Bailey Road, Patna-801503

इंडियन ऑयल कॉर्पोरेशन लिमिटेड

पाइपलाइन्स प्रभाग

बरोनी - कानपुर पाइपलाईन

लखनऊ टर्मिनल, अमौसी, लखनऊ-२२६ ००८ (उ. प्र.)

IndianOil Corporation Limited

Pipelines Division

Barauni-Kanpur Pipeline

Lucknow Terminal, Amausi, Lucknow-226008 (U.P.)

Ph. : 0522-2991249, 2292448

Website : www.iocl.com



IndianOil

पाइपलाइन्स प्रभाग

Pipelines Division

Ref.: IOC/Lucknow/NHAI/2019/02

Date: 25/09/2019

To,
Project Director
Project Implementation Unit,
National Highways Authorities of India,
1/73, Vineet Khand,
Gomti Nagar,
Lucknow- 226010 (U.P.)

Ref no: NHAI letter with ref. no. 44019/NHAI/PIU/LKO/NOC/2019/1315 dated 08.08.2019

Sub: Permission for laying proposed Oil Pipeline from IOCL Amousi Depot to AFS Lucknow Airport across NH-25 (Kanpur-Lucknow) in Vikas Khand- Sarojininagar, District-Lucknow

Dear Sir

This is in reference to NHAI letter dated 08.08.2019 (attached) vide which proposal for subject matter was returned after site inspection and we were advised to submit the same after compliance of various points as mentioned in your above cited letter. We are herby submitting fresh application complying various queries duly endorsed by authorized signatory as per Power of Attorney. We here by request you to kindly grant us the permission to lay the said Pipeline across NH-25 (Kanpur-Lucknow) as stated in the subject.

Thanking you

Encl: files (4sets including one original)

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
परियोजना कार्यान्वयन इकाई-लखनऊ (उ.प्र.)

प्राप्ति सं० 3374

दिनांक 25/9/19

अ० क० हेतु अग्रसारित

प्रबंधक (तक.)	
उप प्रबंधक (तक.)	
उ. ग. प्र. (वि.)	
क० लेखा अधिकारी	
वै. सहायक - 1	
वै. सहायक - 2	
भू. अर्जन विभाग	
फाइल	

Ashish Kumar

Senior Manager (Operation & Construction)

Indian Oil Corporation limited

Barauni Kanpur Pipeline

Lucknow

Mob: 9897667766; email: ashish@indianoil.in

पंजीकृत कार्यालय : जी-9, अली यावर जंग मार्ग, बान्द्रा ईस्ट, मुम्बई-400051

Regd. Office : G-9, Ali Yavar Janj Marg, Bandra, East Mumbai-400051

CIN - L23201MH1959GOI011388

CHECK – LIST

Check list for getting approval for laying of Oil pipeline on NH-25 (KANPUR-LUCKNOW)
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	25/27	
1.3	State	Uttar Pradesh	
1.4	Location	Vikas Khand - Sarojininagar	
1.5	(Chainage in Km)	Across NH-25 (KANPUR-LUCKNOW)	
1.6	Length in Meters	Across-39.00 m	
1.7	Width of available ROW	39m	
	(a) Left side from center line towards increasing chainage / km direction	21m	
	(b) Right side from center line towards increasing chainage / km direction	18m	
1.8	Proposal to lay underground Product pipeline	Yes for crossing	
	(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	
1.9	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	42 2 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		

By Manager (Tech)
 NHAI, PUD, Lucknow

एस. के. नन्दी / S. K. NANDY
 मुख्य महाप्रबंधक / Chief General Manager (Const.)
 इण्डियन ऑयल कॉर्पोरेशन लिमिटेड / Indian Oil Corp. Ltd.
 प्रोजेक्ट निर्माण कार्यालय / Project Construction Office, Patna
 मिथिला कुंज, बसंत विहार कॉलोनी, बाँके जिला, पटना-801 001

GM(T)/Project Director
 NHAI, PUD, Lucknow
 Page 3

Sr. No.	Item	Information / Status	Remarks
1.16	Whether proposal to lay Oil pipeline is after the service road or between the service road and main carriageway	Crossing of NH-25 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 Oil 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	

स्त. के. गण्डी / S. K. NANDY
 मुख्य महाप्रबंधक (निर्माण) Chief General Manager (Const.)
 इंडियन ऑयल कॉर्पोरेशन लिमिटेड / Indian Oil Corp. Ltd.
 प्रोजेक्ट: निर्माण कार्यालय, पटना Project Construction Office, Patna
 निवासी कुंज, बसंत विहार कॉलोनी बोरिंग रोड, पटना-1
 Nani Kunj, Basant Vihar Colony Boring Road, Patna-1

GM(T) / Project Director
 NHAI, PIU, Lucknow
 Dy Manager (Tech)
 NHAI, PIU, Lucknow

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	
	(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.	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 to toe of slope in the fills.	Yes	
	(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.	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	

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.	Yes	
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 Oil 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.		

Dy Manager (Tech)
NHAI, I

एस. के. नन्दी / S. K. NANDY
मुख्य महाप्रबंधक (निर्माण) / Chief General Manager (Const.)
एन.एच.एल. कॉलोनी बोरिंग रोड, पटना-1
निर्माण विभाग, बसंत विहार कॉलोनी बोरिंग रोड, पटना-1
Nishi Kuni, Basant Vihar Colony Boring Road, Patna-1

Chief Project Director
Bokaro
Page 6

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	YES	

By Manager (Technical)
NHAI, P.U., Lucknow

एस. के. नन्दी / S. K. NANDY
मुख्य महाप्रबन्धक (निर्माण) / Chief General Manager (Const.)
भारतीय तेल निगम लिमिटेड / Indian Oil Corp. Ltd.
प्रोजेक्ट निर्माण कार्यालय पटना Project Construction Office, Patna
मिनि कुंज, बसंत विहार कॉलोनी बांसि रोड, पटना-1
Nishi Kunj, Basant Vihar Colony, Bansi Road, Patna-1

Signature

GM(T) / Project Director
NHAI, P.U., Lucknow

November, 2016			
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	

By Manager (Tech)
NHAI, P.O. Lucknow

एस. के. नन्दी / S. K. NANDY
मुख्य महाप्रबंधक (निर्माण) / Chief General Manager (Const.)
इंडियन ऑयल कॉर्पोरेशन लिमिटेड / Indian Oil Corp. Ltd.
प्रोजेक्ट निर्माण कार्यालय / Project Construction Office, Patna
निहा कुंज, बसन्त विहार कॉलोनी बोरिंग रोड, पटना-1
Nishi Kunj, Basant Vihar Colony Boring Road, Patna-1

GM(T)/Project Director
NHAI, P.O. Lucknow

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	S.K. Nandy Chief General Manager(Construction)	
7	Certificate from the Project Director		

[Signature]
Dy Manager (Tech)
NHAI, P/U, Lucknow

[Signature]

[Signature]
GM (T) / Project Director
NHAI, P/U, Lucknow

एस. के. नन्दी / S. K. NANDY
मुख्य महाप्रबंधक (निर्माण) / Chief General Manager (Const.)
इंडियन ऑयल कॉर्पोरेशन लिमिटेड / Indian Oil Corp. Ltd.
प्रोबन्ध निर्माण कार्यालय, पटना / Project Construction Office, Patna
मिश्रि कुंज, बसंत विहार कॉलोनी बोरिंग रोड, पटना-1
Nishi Kunj, Basant Vihar Colony Boring Road, Patna-1

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 2 – 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 oil Pipeline are corrected and if not corrected then what action will be taken.	Project Director-PIU	
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire.	Indian Oil Corporation Ltd.	


Dy Manager (Const.)
NHAI, Lucknow

एस. के. नन्दी / S. K. NANDY
मुख्य महाप्रबंधक (निर्माण) Chief General Manager (Const.)
इंडियन ऑयल कॉर्पोरेशन लिमिटेड / Indian Oil Corp. Ltd.
प्रोजेक्ट निर्माण कार्यालय, पटना Project Construction Office, Patna
निशि कुंज, बसंत विहार कॉलोनी बोरिंग रोड, पटना-1
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GM(T)/Project Director
NHAI, PIU, Lucknow
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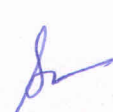
Sr. No.	Item	Information / Status	Remarks
12	A certificate from National Highway Authority of India (NHAI) that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed).		
13	If any previous approval is accorded for laying of underground 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

 13.9.2019

(S.K. Nandy)
Chief General Manager (Construction)

Date: 13/9/2019


Dy Manager (Tech)
NHAI, PIU, Lucknow


GM (T) / Project Director
NHAI, PIU, Lucknow

एस. के. नन्दी / S. K. NANDY
मुख्य महाप्रबंधक (निर्माण) / Chief General Manager (Const.)
इंडियन ऑयल कॉर्पोरेशन लिमिटेड / Indian Oil Corp. Ltd.
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