



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

क्षेत्रीय कार्यालय : एफ-120, जनपथ, श्याम नगर, जयपुर-302019

Regional Office : F-120, Janpath, Shyam Nagar, Jaipur-302019

Tel. (O) / फोन : (ऑ.) 0141-2292056, 2292049

E-mail / ई-मेल : rojaipur@nhai.org Web. / वेब : www.nhai.gov.in



No:NHAI/18013/1/2020-ROJ/Permission-Laying Pipeline/IOCL/211/NH-52 km 333.80 to 341.90/3479 Date: 16.03.2023

INVITATION OF PUBLIC COMMENTS

- Sub.:** Proposal for grant of permission for laying IOCL CGD Pipeline network in NHAI Corridor along NH-52 on Reengus-Sikar road section from Km. 333.80 to 341.90 in Sikar City under City Gas Distribution project by M/s. IOCL in the state of Rajasthan - reg.
- Ref.:** (i) M/s. IOCL, Sikar letter no. PL/CGD/SIKAR/1.0/NHAI dated 19.07.2022, letter dated 09.12.2022, letter dated 24.01.2023 and letter dated 08.02.2023.
(ii) PD, PIU-Sikar letter no NHAI/PIU-Sikar/RS/Gas-Pipeline/2022-23/849 dated 04.03.2023.

Sir,

It is to inform all concern that M/s. IOCL, Sikar vide letter under reference (i) has submitted a proposal to NHAI for the subjected work and PD, NHAI, PIU, Sikar has forwarded the above proposal to this office vide letter under reference (ii) for approval of the Competent Authority, Highway Administrator.

2. The proposal is regarding permission for for laying IOCL CGD Pipeline network in NHAI Corridor along NH-52 on Reengus-Sikar road section from Km. 333.80 to 341.90 in Sikar City under City Gas Distribution project by M/s. IOCL in the state of Rajasthan.

3. As per Para-4 of Ministry's Circular No. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administration 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, before approval of the competent authority, the comments/objections of affected public is hereby invited with reference to the Ministry's circular dated 22.11.2016 due to laying IOCL CGD Pipeline network in NHAI Corridor along NH-52 on Reengus-Sikar road section from Km. 333.80 to 341.90 in Sikar City under City Gas Distribution project by M/s. IOCL in the state of Rajasthan. The objections/comments may be addressed to the below mentioned address upto 15.04.2023, beyond due date, no comments/objections will be accepted.

The Regional Officer, Regional Office - Jaipur

National Highways Authority of India,

F-120, Janpath, Shyam Nagar, Jaipur (Raj.)-302019,

Tel : 0141-2292049, 2292054 Email : rojaipur@nhai.org

This issues with the approval of Highway Administration-cum Regional Officer, NHAI, Jaipur

Yours faithfully,


(Manoj Khoda)

Manager (Tech.)

- Copy to: (i) Web Admn., NHAI, HQ, New Delhi - for uploading in NHAI's website [web-admin@nhai.org]
(ii) Director, NIC, New Delhi - for uploading in Ministry's website. [mansoor@nic.in]
(iii) PD, PIU-Jodhpur: for information.
(iv) M/s. IOCL, Sikar: for information.



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(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

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

परियोजना कार्यान्वयन इकाई, सीकर

प्लॉट नं. 187 व 188, विनायक विहार, पिपराली सर्किल, झुंझुनू बाईपास, सीकर (राज.) 332001

Project Implementation Unit, Sikar

Plot No. 187 & 188, Vinayak Vihar, Near Piprali Circle, Jhunjhunu Bypass, Sikar (Raj) 332001

फोन/Tel : 91-1572249090 ई-मेल/E-mail : piurengus@nhai.org



2

No. NHAI/PIU-Sikar/RS/Gas-Pipe line /2022-23/ **849**

Dated: 04.03.2023

Highway Administration-cum-Regional Officer,

National Highway Authority of India

F-120 Janpath Shyam Nagar

Jaipur-302019



MCD-MK

Project: Four Laning of Reengus-Sikar Section Km. 298.075 Near Madhopura Junction to km. 341.047 (After Sikar Town) of NH-52 (Proposed Chainage km. 298.075 to km. 341.962) (Design Length 43.887 km.) In the State of Rajasthan BOT (Annuity) Project on DBFOT pattern Under NHDP phase III- [UPC : N/05038/2001/RJ]

Sub:- Permission to lay IOCL CGD pipeline network in NHAI corridor along NH-52 ch. 333.8 km to ch. 341.9 km in Sikar City under City Gas Distribution Project-reg.

- Ref:-** [1] M/s IOCL, Sikar letter no. PL/CGD/SIKAR/1.0/NHAI dated 19.07.2022
[2] This office letter no. 354 dated 02.08.2022
[3] IE letter no.- NHAI/IEOM/ROJPR/Reengus/92 dated 05.09.2022
[4] This office letter no:-568 dated 12.10.2022
[5] M/s IOCL, Sikar letter no. PL/CGD/SIKAR/PER/306 dated 09.12.2022
[6] This office letter no. 683 dated 19.12.2022
[7] Canara Bank E-mail dated 19.12.2022
[8] This office letter no:- 714 dated 02.01.2023
[9] M/s IOCL, Sikar letter no. PL/CGD/SIKAR/PER/306 dated 24.01.2023
[10] This office letter no. 766 dated 24.01.2023
[11] Canara Bank E-mail dated 31.01.2023
[12] This office letter no. 785 dated 31.01.2023
[13] M/s IOCL, Sikar letter no. PL/CGD/SIKAR/PER/306 dated 08.02.2023

Sir,

The subject mentioned proposal received from IOCL, Sikar through reference [1] was forwarded to IE vide this Office letter No-354 dated 02.08.2022 to check the proposal as per MoRTH Circular/NHAI guidelines and submit comments/ recommendation as per actual site condition.

2. IE vide reference [4] has submitted that "The site was jointly inspected with the Concessionaire on dated 17.08.2022. Our submission are as follows:-

(i) Application checklist, undertakings, Drawings and ROU Land fees calculations submitted by M/s Indian Oil is checked and verified by us and are found in order as per requirement of MoRTH guidelines RW-NH-33044/2015/S&R (R) dated 22.11.2026.

(ii) As per the referred application and joint site visit, alignment of pipeline has been proposed in RHS of NH-52 from ch. 333.8 km. To ch. 341.962 km in increasing order.

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- (iii) Total length of pipeline proposed along the NH route is 9.45 km including 400m of RHS service road (Ramu ka bas), 700m of Ramp-B and 500m of service road (Ramp-C).
- (iv) Along with pipeline laying, installation of 2 nos of sectionalizing valves (SV) at ch. 337.00 km. & ch. 340.5 km respectively in NH ROU is also proposed by M/s Indian Oil for isolation of pipeline in emergency conditions.
- (v) As per application and site visit, there is no crossing of NH road is involved in proposal.
- (vi) Considering the safety factor of proposed utility pipeline, it is recommended to lay the pipeline in outermost section of ROU i.e. in outer edge of Utility corridor. Also, wherever open trench laying is not possible in utility corridor (due to service roads/permanent structures), pipeline at such location may be laid by HDD method with minimum damage of service road.
- (vii) Three copies of as laid drawing of utilities (Hard and soft) with geo-tagged photographs and geo-tagged video recording of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of work.

3. Further, to submit that this office letter dated 12.10.2022 has requested Manager (CGD) M/s IOCL-Sikar to submit the BG and License Fee as desired by MoRTH guideline dated 22.11.2016. Manager (CGD) M/s IOCL-Sikar vide letter dated 08.02.2023 has deposited License fee to Bharat Kosh Portal (Copy enclosed) and submitted the BG amounting to Rs. 33,07,500/- in favour of NHAI as per above mentioned guidelines, the same has been verified by the Canara Bank Sikar vide e-mail dated 14.02.2023.

4. The copy of BG and verification letter of Canara Bank Sikar is enclosed herewith and submitted for further necessary action.

5. The same was examined in this office and generally found in order.

6. Hence, in view of above & based on recommendation of IE, the proposal is hereby recommended for approval of Competent Authority.

With regards

Encl- As above

Yours Faithfully,


Project Director

CHECK - LIST

Guidelines for Project Directors for processing the proposal of laying 12.75" CS Pipeline along with OFC by IOCL Pipelines division in the land along National Highway NH-52 vested with NHAI.

• Relevant circulars

1) MoRTH Circular No: RW/NH-33044/29/2015/S&R(R) Dated: 22-11-2016

Check list for getting approval for laying of 12.75" Carbon steel Natural Gas Pipeline along with OFC on NHAI land

Sl. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	Mr. Mahendra Kumar Meena, Manager (CGD) Indian Oil Corporation Limited, City Gas Distribution Project, R.K. Tower, Polo Ground Sikar, Raj-332001	
1.2	National Highway Number	NH-52	
1.3	State	Rajasthan	
1.4	Location	Ch.333.8KM (Goyriya Overbridge) to Ch. 341.9 KM (End of Gokulpura Overbridge) at NH-52, Dist. Sikar	
1.5	(Chainage in km)	KM.333/800 to KM.341/900 (Increasing order of Chainage) <i>25/2</i>	
1.6	Length in Meters	9454.00	
1.7	Width of available ROW	60 M	
	(a) Left side from center line towards increasing Chainage/ km direction	30.67-32.09M (NA)	
	(b) Right side from center line towards increasing chainage/ km direction	27.25-29.33 M	
1.8	Proposal to lay underground Gas Pipeline along with OFC		
	(a) Left side from center line towards increasing chainage/ km direction		
	(b) Right side from center line towards increasing chainage/ km direction	KM.333/800 to KM.341/900	
1.9	Proposal to acquire land	NA	
	(a) Left side from center line	NA	
	(b) Right side from center line	At Ch.337.0Km & Ch.340.5Km of NH for installation of Valves in	

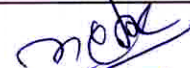
(Signature)
Manager (CGD)
IOCL Sikar
(Mahendra Meena)
प्रबंधक (सीजीडी)
Manager (CGD)

(Signature)
A.H.N.E.
(Signature)
Shankar R.

(Signature)
Project Director
पियू, सीकर निदेशक
PROJECT DIRECTOR
भारराप्रा, पीआईयू-सीकर
NHAI, PIU-SIKAR

(Signature)
Site Engineer

		2mx2m(4Sqm Area each) \	
		2 Nos of SV shall be installed in	
		NH ROW	
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	
	If not then where to lay the Pipeline	NA	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of lanes (2/4 / 6/8 lanes) existing	4 Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 / 6/8 lanes)	NA	
1.14	Service road existing or not	Yes	
	If yes then which side	Yes	
	(a) Left side from center line	Yes	
	(b) Right side from center line	Yes	Service Road Available: a) Ch.333.8 - Ch.335.0 b) Ch. 336.0 - Ch. 336.6 c) Ch. 337.0 - Ch. 338.4 d) Ch. 339.6 - Ch.341.9
1.15	Proposed Service Road	NA	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to lay pipe is after the service road or between the service road and main carriageway	After Service Road	
1.17	Whether carrying of sewage/gas pipeline has been proposed on highway bridge If "Yes", then mention the methodology proposed for the same.	NA	
1.18	Whether carrying of sewage/gas pipeline has been proposed on the parapet/any part of the bridge. If "Yes", then the methodology proposed for the same.	NA	
1.19	If crossing of the road involved If "Yes", then it shall be encased in pipes or through the structure or conduit specially built for that purpose at the expenses of agency owning the line.	NA	
	a) whether existing structure allowed to carry sewage/gas pipeline	NA	
	b) It is in the line normal to NH	NA	
	c) What is the distance of crossing the	NA	


 (महेन्द्र मीना)
 Manager (CGD) Meena
 IOCL, Sikar (सीजीडी)
 Manager (CGD)

called
 Anne
 Shiv Kumar
 RC

02/16
 Project Director
 NHU, Sikar
 परियोजना निदेशक
 PROJECT DIRECTOR
 भाराराप्रा, पीआईयू-सीकर
 NHAI, PIU-SIKAR


 Project Director

	sewage/gas pipeline from the existing structure. Crossing should not be too near to existing structure on National Highway, the minimum distance should be 15 meters		
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall steel, cast iron or reinforce cement concrete and having adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable. Mention type of casing	NA	
	e) End of the casing/conduit shall be sealed from the outside, so that it does not act as drainage path	NA	
	f) The casing/conduit should, as minimum extended minimum drain to drain curs and toes of slope in the fills	NA	
	g) The top of the casing/conduit should be at least 1.2 meters below the surface of the road subject to being at least 0.3meter below the drain invert. Mention the proposed details	NA	
	h) Mention the methodology for crossing of road for the proposed sewage/gas pipeline. Crossing shall be by boring machine (HDD)[TRENCHLESS TECHNOLOGY], specially, where the existing road pavement is of cement concrete or dense bitumen concrete type.	NA	
	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 waterway along it	NA	
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 1.2m deep X 0.3m wide) a) Should not be greater than 60cm wider than the outer diameter of pipe b) Located as close to the extreme edge of the ROW as possible but not less than 15 meter from the centre lines of the nearest carriage way c) Shall not be permitted to run along the national highway when the road	Yes Dimension of trench is 1.5M deep X 0.96m wide	

(महेश सीकर)
Manager (CGD)
IOCL SIKAR
प्रबन्धक (सीजीडी)
Manager (CGD)

ANUS
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02/10
Project Director
परियोजना निदेशक
PROJECT DIRECTOR
भाराराप्रा, पीआईयू-सीकर
NHAI, PIU-SIKAR

Site Engineer

	formation is situated in double cutting, nor shall be laid over existing culverts and bridge d) It should be laid so that their top is at least 0.6 meter below the ground level so as to obstruct of the road land.		
2.2	Cross section showing the size of pit and location of cable for HDD method	Enclosed	
2.3	Strip plan/ Route Plan showing the natural 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 pipe	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, what is the methodology of refilling of trench.	Excavate the area 1.50m (D) x 0.96m(W), place the pipe inside and refill the trench with the excavated soil in layers not exceeding 150mm and compaction will be done	
	a) The trench width should be at least 30cm, but not more than 60cm wider than outer diameter of the pipe.	Yes	
	b) For the filling of the trench, bedding shall be to a depth of not less than 60cm. 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 replace by selected material	Yes	
	c) The backfill shall be completed in two stages 1. Side-fill to the level of the top of the pipe and overall to the bottom of the road crust.	Yes	
	d) The side fill shall consist of granular material laid in 15cm layer each consolidated by mechanical tampering and controlled addition to moisture to 95% of the proctor's density. Overfill shall be compacted to the same density as material has been removed. Consolidation by saturation or pounding will not be permitted.	Yes	
	e) The road crust shall be built to the same strength as existing crunch of either side of the trench. Care shall be	Yes	

Manager (CGD)
IOCL, Sikar

(महेन्द्र मीना)
(Mahendra Meena)
प्रबन्धक (सीजीडी)
Manager (CGD)

ANNEE
R-E

Project Director
PIU, Sikar
परियोजना निदेशक
PROJECT DIRECTOR
पराशराप्रा, पीआईयू-सीकर
HAJ, PIU-SIKAR

site engineer

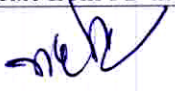
	take to avoid formation of dip at trench.		
	f) The excavation shall be protected by flagman, signs and barricades, and red light during night hours.	Yes	
	g) If required, diversion shall be constructed at the expenses of agency owing utility line.	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method	As per Site condition ✓	
2.4.3	Laying Natural gas pipeline through CD works and method of laying. In case where the carrying of natural gas pipeline on bridge becomes inescapable.	NA	
3	Draft License Agreement signed by two witnesses	Enclosed	
4	Performance Bank guarantee in favor of NHAI has to be obtained at Rs.100/- per running meter (parallel to NH) and Rs. 1, 00,000/-per crossing of NH, for period of one year initially (extendable if require till satisfactory completion of work) as a security for ensuring/making good excavated trench for laying gas pipeline/duct filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of ROW. No payment shall be payable by NHAI to the licensee for clearing debris/loose earth. Performance BG as per above is to be obtained.	Will be submitted on receipt of demand note from NHAI	
4.1	Confirmation of BG has been obtained as per NH guidelines	NA	
5	Affidavit / Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NH or to the concerned agency	Enclosed	
5.2	Renewal of Bank Guarantee	NA	
5.3	Confirming all standard condition of NH's guideline and ministry circular	Yes	
5.4	Shifting of Natural gas pipeline as and when required by NHAI	Undertaking enclosed	
5.5	Shifting of Natural gas pipeline due to 4 lanning/ widening of NHAI	Undertaking enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Undertaking enclosed	
5.7	Traffic movement during laying of Natural gas pipeline to be managed by the	Undertaking enclosed	


(महेन्द्र मीना) Manager (CGD)
(Mahendra Meena) IOCL, Sikar
प्रबन्धक (सीजीडी)
Manager (CGD)

Project Director
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PIU, Sikar
PROJECT DIRECTOR
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NHAI, PIU-SIKAR


Site Engineer

	applicant.		
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Undertaking enclosed	
5.9	Prior approval of NHAI shall be obtain before taking any work of installation, shifting or repair or alternative to Natural gas pipeline/any other utility located in national Highway ROW	Undertaking enclosed	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage cause to NH by the laying, maintenance or shifting of Natural gas pipeline borne by applicant agency owning the line.	Yes	
5.11	If NHAI consider 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 agency owning utility line.	Yes	
5.12	Certificate from applicant in following format 1. Laying of Natural gas pipeline will not having any deleterious effect on any of the bridge component and roadway safety of traffic. 2. "We do undertake that I/we will relocate service road/approach road/utility at my own cost notwithstanding the permission granted within such time as will be stipulated by "NHAI" for future six laning or any other development work	Enclosed	
6	Who will sign the agreement on behalf of Natural gas pipeline agency	M (CGD)	
	Power of Attorney to sign the agreement is available or not.	Yes	
7.1	Certificate of conforming all standard condition issued vide Ministry of Road Transport and Highway, Circular no. NHAI-III/P/66/76 DATED 18/19.11.1976, RW/NH-III/P/66/76 DATED 11.05.1982, RW/NH-11037/1/86 DOI (ii) DATED 28.07.1993, RW/NH/34066/2/95/S&R DATED 25.10.1999 and Circular no. RW/NH-34066/7/2003/S&R(B) DATED 17.09.2003	Enclosed	
7.2	Certificate from PD in following format		


 Manager (CGD)
 (महेन्द्र मीना)
 प्रबन्धक (सीजीडी)
 Manager (CGD)



 Project Director
 (पी.डी.)
 परिचालन निदेशक
 PROJECT DIRECTOR
 भाराराप्रा, पीआईयू-सीकर
 NHAI, PIU-SIKAR

	<p>a) "It is certified that any other location of the Natural gas pipeline would be extremely difficult and unreasonably costly and installation of Natural gas pipeline within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening the carriage way, easing the curve etc.</p> <p>b) For 4-laning</p> <p>i. Where feasibility is available "I do certify that there will be no hindrance to proposed 6-laning based of feasibility report considering proposed structures at the said location".</p> <p>ii. In case of feasibility not available " I do certify that sufficient ROW is available at site for accommodating proposed 6-laning"</p>		
8	<p>If NH section proposed to be taken up by NHAI on BOT basis - a clause in para 17 to be inserted in the agreement. <i>"The permitted Highway on which Licensee has been granted the ROW 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 honor the same."</i></p>	Yes	
9	<p>Who will supervise work of laying Natural gas pipeline?</p> <p>a) On behalf of applicant</p> <p>b) On behalf of NHAI</p>	<p>Manager (CGD), Sikar</p> <p>PD, NHAI, Sikar</p>	
10	<p>Who will ensure that the defects in road portion after laying of Natural gas pipeline are corrected and if not corrected then what action will be taken.</p> <p>a) On behalf of applicant</p>	Yes	


 Manager (CGD)
 IOCL, Sikar
 (महेन्द्र मीना)
 (Mahendra Meena)
 प्रबन्धक (सीजीडी)
 Manager (CGD)

02118
 Project Director
 PIU, Sikar
 परियोजना निदेशक
 PROJECT DIRECTOR
 भारराप्रा, पीआईयू-सीकर
 NHAI, PIU-S

	b) On behalf of NHAI	Manager (CGD), Sikar PD, NHAI, Sikar	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire? On behalf of applicant	Manager(CGD), Sikar	
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 Natural gas pipeline then Photocopy of register of records of permissions accorded as maintained by PD (copy enclosed).		


 (महेन्द्र मीना)
 Manager (CGD)
 IOCL, Sikar
 प्रबंधक (सीसीडी)
 Manager (CGD)


 Anurag


 R.E.

02W
 Project Director
 PIU, Sikar
 परियोजना निदेशक
 PROJECT DIRECTOR
 नगराष्ट्र, पीआईयू-सीकर
 NHAI, PIU-SIKAR


 Siba Kumar