



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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

क्षेत्रीय कार्यालय/ REGIONAL OFFICE

ई-6/47, स्मृति परिसर, साईं बोर्ड के पास, अरेरा कॉलोनी, भोपाल (म.प्र.)-462016

E-6/47, Smriti Parisar, Near Sai Board, Arera Colony, Bhopal (M.P.)-462016

दूरभाष / Phone : 0755-2426638, फैक्स/Fax : 0755-2426698, ई-मेल/E-mail ID - robhopal@nhai.org

NHAI/RO-MP/IND/I-G/Pipeline/2024/E-250555/ 51123

Date: 05.06.2024



Invitation of Public Comments

Sub: 4-laning of Indore-Gujarat border section of NH-47 from Km 9.500 to Km 171.000 on DBFOT in the state of Madhya Pradesh under NHDP-III – Proposal for permission for laying of Water Pipeline along with NH-47 at Ch. 88+960 (LHS) to km 98+300 (RHS) and 1 Crossing at Ch. 89+100 [From Sardarpur Village to Industrial Area Hatod (Approx. 9.4 km) from external water pipeline for Industrial Area Hatod from Mahi Subsidiary Dam, District, Dhar in the state of Madhya Pradesh - Reg.

Ref: PD, PIU-Indore e-office file (Computer No. 250555).

The Project Director, PIU-Indore vide e-office file (Computer No. 250555) has recommended the proposal for permission for laying of Water Pipeline along with NH-47 at Ch. 88+960 (LHS) to km 98+300 (RHS) and 1 Crossing at Ch. 89+100 [From Sardarpur Village to Industrial Area Hatod (Approx. 9.4 km) from external water pipeline for Industrial Area Hatod from Mahi Subsidiary Dam, District, Dhar in the state of Madhya Pradesh.

2. As per Ministry vide OM No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016; the Highways Administrator will make available the proposal seeking permission for utility laying for public comments for 30 days on ground of public interest.

3. In view of the above the comments of public are invited on captioned proposal and the same should reach to below mentioned address till 04.07.2024 beyond which no comments will be considered.

The Highway Administrator
O/o Regional Officer,
National Highways Authority of India
E-6/47, Smriti Parisar,
Near Sai Board, Arera Colony,
Bhopal (MP)-462016
E-mail ID:robhopal@nhai.org

This issues with the approval of Regional Officer cum Highway Administration.

(Paras Bansal)
Manager (T)

Copy to:

- Web Admin, NHAI-HQ-with request for uploading on the NHAI website.
- The Senior Technical Director, NIC, Transport Bhawan, New Delhi-110001 for uploading on Ministry's Website.
- The Project Director, NHAI, PIU-Indore (M.P.) for information.
- The Authorized Signatory, Madhya Pradesh Industrial Development Corporation Ltd, 101, First Floor, Atulya IT Park, Near Crystal IT Park, Khandwa Road, Indore (M.P.)-452001.

CHECK LIST

Guideline for project director for procession the proposal for laying of underground cable the land along National Highways vested with NHAI.

Relevant circulars of Ministry of Road Transport and Highways

1. Circular No. NH-III/P/66/76/ dated 18/19.11.1976
2. Circular No. RW/III/P/66/76/ dated 15.5.1982
3. Circular No. RW/NH-11037/86/DOI (ii) dated 28.7.1993
4. Circular No. RW/NH-11037/86 dated 19.01.1995
5. Circular No. RW/NH-34066/2/95/S&R DATED 25.10.1999
6. Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.09.2003
7. NHAI's circular No. NHAI/OEC/2K/Vol II dated 07.11.2000, which includes the comprehensive guidelines and draft license agreement by private party in the land along National Highway vested with NHAI.
8. Circular No. RW/NH-33044/27/2000-S&R (R) dated 21.03.2006. It is regarding the modification of previous Ministry circular enhancing the amount of performance bank Guarantee @ 50/- per route meter in place of earlier rate of Rs. 25/- per route meter.
9. Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016

Checklist for getting approval for laying of underground pipeline (Water Pipeline along the Road & Road (Crossing) on NH land.

The permission for laying of underground cable pipeline shall be considered for approval/rejection based on the Ministry Circulars mentioned as above.

(a) Carrying of underground cable pipeline on highway bridges shall not be permitted as farmers/underground cable pipe can be accelerate the process of corrosion or may cause explosions, thus being much more injuries than leakage of water.

(b) 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.

Guidelines for processing the proposal for laying of utility line in the land along national Highways/Expressway vested with NHAI/PWD/BRO.

N.No.	Item	Information/Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	MP INDUSTRIAL DEVELOPMENT CORPORATION LTD. Regional Office, Indore	
1.2	National Highway Number	NH-47	
1.3	State	Madhya Pradesh	
1.4	Location	Hatod	
1.5	(Chainage in KM)	From 88+960 (Left side) to 98+300 (Right side)	
1.6	Length in meters	9400 M	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/Km direction	NH-47 Indore to Ahemdabad from Chainage Km 88+960(Left side) to Km Km 89+100(Left side) is 0.14 Km.	
	(b) Right side from center line towards increasing chainage /Km direction	NH-47 Indore to Ahemdabad from chainage Km 89+100(Right side) to Km 98+300 (Right side) is 9.2 km.	
	(c) Crossing Point 1 RWRM 350mm DI pipe	Crossing at Ch. 89+100	
1.8	Proposal to lay underground utility		
	(a) Left side from center line towards increasing chainage/km direction	NH-47 Indore to Ahemdabad from Chainage Km 88+960(Left side) to Km Km 89+100(Left side) is 0.14	=140

Signature
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MPIDC, RO, INDORE



Signature
Manager (Tech)
NHA, PIU- Indore (MP)
Project Director
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		Km.	
	(b) Right side from center line towards increasing chainage/Km direction	NH-47 Indore to Ahemdabad from chainage Km 89+100(Right side) to Km 98+300 (Right side) is 9.2 km.	=9200
1.9	Proposal to acquire land		
	(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	NA	
	If not then where to lay the cable	NA	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of existing lanes (2/4/6/8 lanes)	4 Lane	
1.13	Proposed Number of lanes (2 Lanes with paved shoulders 4/6/8 lanes)	NA	
1.14	Service road existing or not if yes then which side	No.	
	(a) left side from center line	NA	
	(b) Right side from center line	NA	
1.15	Proposed service Road		
	(a) left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal totally underground pipe line is after the service road or between the service road and main carriage way	After the service road	
1.17	Whether carrying underground pipeline has been proposed at Highway bridge's, if yes then mentioned the methodology proposed for the same	NA	
1.18	Whether carrying of underground pipeline has been proposed on parapet/any part of the bridges. If yes then mention the methodology proposed for the same.	No	
1.19	If crossing 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 agree owning the line.	Encased	


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	(b) Whether existing drainage structures are allowed to carry underground pipeline.	No	
	(c) Is it on a line normal to NH, if no mention angle of crossing	No	
	(c) What is the distance of crossing the underground pipelines from the existing structures. Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter	NA	
	(d) The casing pipe (or MS Pipe in the case of water pipeline) 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 mention type of casing.	MS-Pipe Casing	
	(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 the drain to drain in cuts and toe of slope in the fills.	Yes	
	(g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 meter below the drain inverts. Mention the proposed details.	Yes	
	(h) Mention the methodology proposed for the crossing of road for the proposed underground cable pipeline. Crossing shall be by boring method (HDD) (Trench-less Technology) especially where the existing road pavement is of cement concrete or dense bituminous concrete type).	HDD(Trench-less Technology)	
	(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 waterway along it.	Yes	
2	Document/Drawing to be enclosed with the proposed.		
2.1	Cross section showing the size of trench for open	Drawing Enclosed	


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	trenching method (is it normal size of 1.2m deep x 0.3 m wide)		
	(i) Should not be greater than 60 cm wider than the outer diameter of the pipe.	NA	
	(ii) Located as close to the extreme edge of the right of way as possible but not less than 15 meter from the center lines of the nearest carriageway.	NA	
	(iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.	NA	
	(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.	NA	
2.2	Cross section showing the size of pit and locations of pipeline for HDD method.	Yes	
2.3	Alignment plan on project plan & profile showing underground cable pipeline, chainage, width of ROW, distance of propped underground cable pipeline from the edge of ROW important mile stone, intersections cross drainage works etc.	Incorporate in the Drawings	
2.4	Methodology for laying of underground cable pipeline.		
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?	NA	
(a)	The trench width should be least 30 cm but not more than 60cm wider than the outer diameter of the pipe.	NA	
(b)	For filling of the trench bedding shall be to a depth of not less than 30 cms it shall consist of granular materials free of lumps clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edge should be excavated and replaced by selected materials.	NA	


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(c)	The backfill shall be complete in two steps (i) side fill to the level of the top to the pipe and (ii) overfill to the bottom of the road crust.	NA	
(d)	The side fill shall consist of granular materials laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctors density over fill shall be compacted to the same density as the materials that had been removed. Consolidation by saturation or ponding will be not be permitted	NA	
(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 depth at the trench.	NA	
(f)	The excavation shall be protected by flagman signs and barricades, and red lights during night hours.	NA	
(g)	If required, a diversion shall be constructed at the expenses of agency owning the utility line.	NA	
4.2	Horizontal Directional Drilling (HDD) method	Use for crossing only	
4.3	Methodology for laying of underground pipeline through CD works and method of laying. In cases where the carrying of underground cable pipeline on the bridge becomes the inescapable	NA	
3	Draft license Agreement signed by two witnesses.	Yes	
4.	Performance bank Guarantee in favour of NHAI has to be obtained @ Rs. 50/- 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 underground cable pipeline ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way No payment shall be payable by the NHAI to the licensee for clearing debris/loose	MPIDC R.O Indore. as when intimated by NHAI	


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earth performance BG as per above is to be obtained		
Confirmation of BG has been obtained or not as per NHAI guidelines	NA	
Affidavit/undertaking from the applicant for the following to be furnished.		
Not to damage to other utility if damaged then pay the losses either to NHAI or to the concerned agency.	Yes	
for renewal of Bank Guarantee	NA	
for conforming all standard conditions of Ministry circulars and NHAI guidelines	Yes	
for shifting of underground cable pipelines as and when required by NHAI at their own cost.	Yes	
For shifting of underground cable pipeline due to 4/6 lanning widening of NH	Yes	
For indemnity against all damages and claims	Yes	
For traffic movement during laying off for shifting of underground cable pipeline due to 4/6 lanning widening of NH pipe line to be managed by the applicant.	Yes	
If any claim is raised by the concessionaire the same has to be paid by the applicant.	Yes	
Prior approval of the NHAI shall be obtained before undertaking any work if installation, shifting or rep[airs, or alternations to the for shifting of underground cable pipeline due to 4/6 lanning. Widening of NH line/ any other utility located in the national Highway right of way	Yes	
Expenditure if any incurred by NHAI for repairing any damage caused to the national Highway by the laying maintenance or shifting of the for shifting of underground cable pipeline due to 4/6 lannng. Widening of line at NH will be borne bby the applicant agency owning the line.	Yes	
if the 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	Yes	



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	the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.		
5.12	Certificate from the applicant in the following format		
	(i) Laying of underground cable pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	Yes	
	(ii) 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 four/six lanning or any other development	Yes	
6	Who will sign the agreement on behalf of underground cable pipe line agency?	Executive Engineer MPIDC R.O Indore (M.P)	
7	The Project director, will submit the following certificates		
7.1	Certificate for proposal for confirming of all standard conditions issued vide ministry of road transport and highways circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016		
7.2	Certificate from PD in the following format		
	(i) It is certified that any other locations of the underground cable pipeline would be extremely difficult and unreasonable costly and the installation of underground cable pipeline within ROW will not adversely affected the design, stability & traffic safety of the highways for likely future improvement such as winding of the carriageway, easing of curve etc. (ii) For 4/6 lanning		
	(a) Where feasibility is available I do certify that there will be		
	Hindrance to proposed four/six lanning based on the report considering proposed structure at the said locations		
	IN case feasibility report is not available I do certify that st sufficient ROW is available at site for accommodating proposed four/six lanning		

SPM

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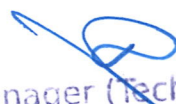
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8	If NH section proposed to be taken up by NHAI on BOT basis clause is to be inserted in the agreement. The permitted highway on which license has been granted the right to lay pipeline duct has also been granted as a right of way to the concessionaire under the section from Km to km..... of NH no..... build operate and transfer basis and therefore the licensee shall honor the same.	NA	
9	Who will supervise the work of laying of underground cable line.		
	(a) On behalf of the applicant		
	(b) On behalf of NHAI		
10	Who will ensure that the defects in road portion after laying of underground cable pipeline are corrected and if not corrected then what action will be taken		
	(a) On behalf of the applicant		
	(b) On behalf of NHAI		
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire?	MPIDC R.O Indore	
	(a) On behalf of the applicant		
12	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed performa (copy enclosed)		
13	Many previous approval is accorded for laying of underground cable pipeline then photocopy of register of records of permission accorded as maintained by PD then copy is enclosed		
14	Name of Highway authority of NHAI/PWD/BRO	National Highway Authority of India, PIU Indore	
15	Highway Administration address	Project Director NHAI PIU, Indore Sampat Hills, Sahara City Indore Bypass Bicholi Mardana Indore (MP) 452016	


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