



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं 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, साईबोर्ड 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/Katni/Water Pipeline/2024/51768

30.09.2024



Invitation of Public Comments

Sub: Regarding permission of laying of drinking water pipelines along & across the road of NH-135BG under Sidhi Bansagar-2 MVS District Satna & Rewa.

Ref: E-office computer no. 261519.

1. PD, PIU-Ratlam vide e-office computer no. 261519 dated 21.09.2024 has submitted the proposal for **permission of laying of drinking water pipelines along & across the road of NH-135BG under Sidhi Bansagar-2 MVS District Satna & Rewa.**
2. As per Ministry vide OM No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016, and amendment dated 24.04.2023 the application shall be put out in public domain for **30 days** for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).
3. Accordingly, the public comments are hereby invited on the above proposal (copy of application enclosed) for seeking claims and objections within 30 days (i.e. by 29.10.2024) on public portal {i.e. website of MoRTH (www.morth.nic.in)} beyond which no comments will be considered. The address of comments inviting authority is as under:

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

4. This is being issued with the approval of Regional Officer Cum Highway Administrator.

(राजविलास पटेल)
प्रबंधक(तक)

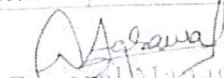
Copy to:

- 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-Katni (MP) for information.
- The General Manager, MP Jal Nigam, PIU-Satna.

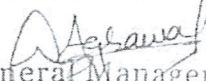
Check- List for getting approval for laying of underground pipeline (Water pipeline along the road & Road Crossing) on NH land.Check- List

Check-List

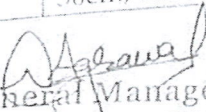
S. NO	Items	Information/Status	Remarks
1	General Information	Permission to lay the pipeline across & along (ROW) NH-135 BG road pertaining to Satna Bansagar -2 MVS District Satna & Rewa.	
1.1	Name and Address of the Applicant/ Agency	The GM, Madhya Pradesh Jal Nigam Maryadit, PIU-Satna (M.P.) Add- H.No. 64, street No. 1, Line No. 3, Virat Nagar, Satna (M.P.).	
1.2	National Highway Number	NH-135 BG Road.	
1.3	State	Madhya Pradesh.	
1.4	Location	Satna -Maihar Section.	
1.5	(Chainage in KM)	80.388 to 120.125	
1.6	Length in Meters	40440.00	
1.7	Width of available ROW	-	
	(a) Left side from center line towards increasing Chainage/ Km direction	-	
	(b) Right side from center line towards increasing Chainage /Km direction	-	
	(c) Crossing point 1	105.468(Length- 55m) Near Uchchhara village.	
1.8	Proposal to lay underground utility.		
	(a) Left side from center line towards increasing chainage/ Km direction	NH-39 Bypass junction to Agrawal Motors, Maihar from Ch. 80.388 to 120.125 (39920 DI pipe-600 dia)	
	(b) Right side from center line towards increasing chainage/ Km direction	Near uchchhara village to bridge end under pass from Ch. 105.498 to 106.018 (520m DI pipe 350 dia).	
1.9	Proposal to acquire land	NIL	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
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)	2 Lane	
1.13	Proposed Number of lanes (2 lanes with paved shoulder /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 to lay underground	NA	


General Manager
MPJNM PIU, SATNA

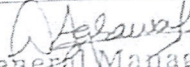
15	(b) Right side from center line. Proposed service road	NA	
	(a) Left side from center line.	NA	
	(b) Right side from center line.	NA	
1.16	Whether proposal to lay underground pipeline is after the service road or between the service road and main carriageway.	NA	
1.17	Whether carrying underground pipeline has been proposed on highway bridges. If yes then mention the methodology proposed for the same.	NA	
1.18	Whether carrying of underground pipeline has been proposed on parapet/ any part of bridges. If yes then mention the methodology proposed for the same.	NA	
1.19	If crossing of the road involved		
	If yes, it shall be either encased in pipes or through structure of conduits specially built for that purpose at the express of the agency owning the line.	Encased	
	(a) Whether existing drainage structure are allowed to carry underground pipeline.	NO	
	(b) 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. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	There are no structures nearby.	
	(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 pie/ cable. Mention type of casting.	Casing pipe (DI)	
	(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 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	
	(g) The top of the casing/ conduits pipe should be at least 1.2meter below the surface of the road subject to being at least 0.3 meter below the drain inverts. Mention the proposed details.	Yes	


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MPJNM PIU, SATNA

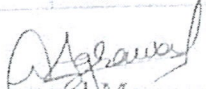
	(h) Mention the methodology proposed for the crossing of road for the proposed underground cable pipeline. Crossing shall be by boring method (HDD) [Trench- less Technology] especially where the existing road pavement is of cement concrete of dense bituminous concrete type.	Horizontal Directional Drilling [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	Documents / Drawings to be enclosed with the proposal.		
2.1	Cross- section showing the size of trench for open trenching method (Is it normal size of 1.2 m deep x 0.3 m wide.)	Drawing Enclosed.	
	(I) Should not be greater than 60cm 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 location of pipeline for HDD method.	YES	
2.3	Alignment plan on project plan & profile showing underground cable pipeline, Chainage, width of ROW, distance of proposed underground cable pipeline from the edge of ROW, important milestone, intersections, cross drainage works etc.	Incorporate in the drawing	
2.4	Methodology for laying of underground cable pipeline.		
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?	NA	
	(a) The trench width should be at least 30cm, but not or than 60 cm wider than	NA	


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MPJNM PIU, SATNA

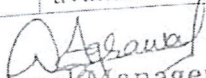
	the outer diameter of the pipe.		
	(b) For filling of the trench, bedding shall be to a depth of not less than 30cms. It shall consist of granular material free of lumps, clods and cobbles and grade to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	NA	
	(c) The backfill shall be completed in two steps (i) side fill to the level of top to the pipe and (ii) overfill to the bottom of the road crust.	NA	
	(d) The side fill shall consist granular material laid in 15 cm layers each consolidated by mechanical tempering and controlled addition of moisture to 95% of the Proctors' density. Over fill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will 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 dip at the trench.	NA	
	(f) The excavation shall be protected by flagman, signs and barricades and red-light during night hours.	NA	
	(g) If required, a diversion shall be constructed at the expenses of agency owning the utility line.	NA	
2.4.2	Horizontal Directional Drilling (HDD) Method	Use for Crossing Only	
2.4.3	Methodology for laying of underground pipeline through CD works and method of laying. In case where the carrying of underground cable pipeline on the bridge becomes inescapable.	Yes	
3	Draft License Agreement signed by two witnesses.		
4	Performance bank Guarantee in favour of NHAI has to be obtained @ Rs50/ 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	M/S KEC- SPML Joint Venture will pay Bank Guarantee as and when intimated by NHAI.	


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MPJNIA PIU, SATNA

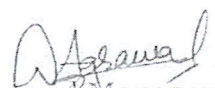
	proper filling and compaction ,clearing Debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the license for clearing debris/loose earth. Performance BG as per above is to be obtained.		
4.1	Confirmation of BG has been obtained or not as per NHAI guidelines.	NA	
5	Affidavit/Undertaking from the Applicant for the following are to be furnished.		
5.1	Not to damage to other utility, if damaged then pay the losses either to NHAI or to the concerned agency.	YES	
5.2	For renewal of bank Guarantee	YES	
5.3	For confirming all standard condition of Ministry Circulars and NHAI's guidelines.	YES	
5.4	For Shifting of underground cable Pipeline as and when required by NHAI at their own cost.	YES	
5.5	For shifting of underground cable pipeline due to 4/6 laning. Widening of NH	YES	
5.6	For indemnity against all damages and claims.	YES	
5.7	For traffic movement during the laying off for shifting of underground cable pipeline due to 4/6 laning. Widening of NH pipe line to be managed by the applicant.	YES	
5.8	If any claim is raised by the concessionaire the same has to be paid by the applicant.	YES	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work if installation, shifting or repairs, or alteration to the for shifting of underground cable pipeline due to 4/6 laning. Widening of NH line/ any other utility located in the national highway right-of-ways.	Yes	
5.10	Expenditure, If any, Incurred by NHAI for repairing any damaged caused to the national highway by the laying, maintenance or shifting of the For shifting of underground cable Pipeline due to 4/6 laning. Widening of line at NH will be borne by the applicant agency owning the line.	Yes	


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	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 owing the utility line with the reasonable time (not exceeding 60days) of the intimation given.	Yes	
5.12	Certificate from the applicant in the following format	Yes	
	(I) Laying of underground cable pipe line will not have any deleterious effects on any of the bridge, components and road way 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- laning or any other development.	Yes	
6	Who will sign the agreement on behalf of underground cable pipeline agency?	GM PIU MPJNM Satna on behalf of M/S KEC- SPML Joint Venture	
	Power of attorney to sign the agreement is available or not.	Yes	
7	The Project director, will submit the following certificate.		
7.1	Certificate for proposal for confirming of all standard condition issued vide ministry of road transport and highways circular No. RWINH-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 location of the underground cable pipeline would be extremely difficult and unreasonable costly and the installation of underground cable pipeline within ROW will not adversely affect the design, stability & traffic safety of the highway nor likely future improvement such as widening of the carriageway, easing of curve etc."		
	(II) For 4/6- laning		
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed four/six-laning based on the feasibility report considering proposed structure at the said location".		
	(b) In case feasibility report is not available "I do certify that sufficient ROW		


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	is available at site for accommodating proposed four/six -laning".		
8	If NH section proposed to be taken up by NHAI on BOT basis-s 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".		
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 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?	GM PIU MPJNM Satna.	
	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	IF any 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 Katni.	
15	Highway Administration address	Project Director, NHAI, PIU-Katni, Plot No. - 170, Mahaveer Nagar Jhinhari, Katni (MP) 483501.	


General Manager
MPJNM PIU, SATNA

Government of India
Ministry of Road Transport and Highways
(Highway Administration Cell)

Transport Bhavan, I, Parliament Street, New Delhi — 110 001

No. NH-36094/01/2022-S&R(P&B)

Dated: 17th April, 2023

To

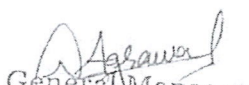
1. The Chief Secretaries of all the State Governments/UTs
2. The Principal Secretaries/ Secretaries of all States/ UTS Public Works Department dealing with National Highways, other centrally sponsored schemes.
3. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs dealing with National Highways, other Centrally Sponsored Schemes.
4. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110 010.
5. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
6. The Managing Director, NHIDCL, PTI Building, New Delhi-110001
7. ROs, ELOs and PIUs of the MoRTH.

Subject- Accommodation of Public and Industrial Utility Services along and across National Highways- Policy guidelines; Clarifications regarding OFC/Telecom cables.

Sir,

Following amendments are issued herewith with reference to Ministry's policy circular no RW/NH-33044/29/2015-S&R(R) dated 22.11.2016 regarding permission for laying of underground OFC/telecom cables in NH ROW with immediate effect:

Clause	Existing provision	Amendments
3.1	The utility services 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.	The utility services shall normally 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. Alternatively, for crossing of NH by pipelines for petroleum products, Horizontal Directional Drilling (HDD) method may be used

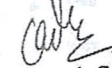

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MPJNM PIU, SATNA

		without casing/ conduit pipe following the safety precautions and Codes as given in Annexure II.
5.	<p>Charges for granting licence for use of highway land: For the purpose of license fee/lease rentals, the utilities have been divided into two categories; i) Public utilities and b) Industrial utilities as per the details given in Annexure I.</p> <p>License Fee/lease rentals described below is for Industrial utilities. The license fee for Public utilities shall be 33% of the fee prescribed for Industrial utilities.</p>	<p>Charges for granting licence for use of highway land: For the purpose of license fee/lease rentals, the utilities have been divided into two categories; i) Public utilities and b) Industrial utilities as per the details given in Annexure I.</p>
5.1	<p>The following methodology shall be followed for license fees/lease rental determination for utility service lines other than localized infrastructure facilities like towers, repeaters and junction boxes).</p> <p>License Fees (Rs/sq m/ month) = (Utilized NH land area X Prevailing Circle Rate of land per unit area) / (10 X 12) where,</p> <p>Utilized NH land area = Outer diameter/width of the concerned utility line X length</p>	<p>License Fee for Industrial Utilities shall be equal to utilized NH land area X Prevailing Circle Rate of land per unit area X 10% per annum.</p> <p>Utilized NH land area shall include projection of utility on ground including area of support system / tower.</p> <p>License fee for total term of license (up to maximum of 5 years) shall be deposited in advance.</p>
5.2	<p>The following methodology shall be followed for license fees/lease rental determination for utility services such as towers/repeaters junction boxes etc.</p> <p>License Fees (Rs/sq m/ month) = (Utilized NH land area X Prevailing Circle Rate of land per unit area) / (10 X 12) where,</p>	<p>License Fee for public utility shall be equal to utilized NH land area X Prevailing Circle Rate of land per unit area X 1.5% per annum, subject to minimum of Rs. 10,000/-, with 6% annual increment.</p> <p>Utilized NH land area shall include area of support system / tower but not include projection of utility on ground.</p>

Utilized NH land area = Projection of utility on the ground including area of support system/tower. However, for public utilities, area below the support system/tower shall only be charged.	There shall be no license fee for OFC cables crossing the NH through HDD method. License fee for total term of license (up to maximum of 5 years) shall be deposited in advance.
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2. This issues with the approval of competent authority.

Yours faithfully

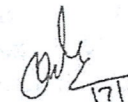

(Rakesh Prakash Singh)
Superintending Engineer (HA)

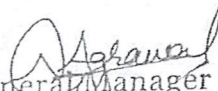
Copy to:

1. AS/ JS/CEs in MoRTH
2. Director, IAHE
3. The Secretary General, Indian Roads Congress
4. Technical circular file of S&R(P&B) Section and Road Safety Engineering Cell
5. NIC-for uploading on Ministry's website under "What's new"

Copy for information to:

1. PS to Hon'ble Minister (RT&H)/ PS to Hon'ble MOS (RT&H)
2. Sr. PPS to Secretary (RT&H)/ Sr. PPS to AS(H)/ Sr. PPS to AS&FA
3. Sr. PPS to DG (RD) & SS/ Sr. PPS / PPS /PS to ADG-I/II/III/IV


(Rakesh Prakash Singh)
Superintending Engineer (HA)


General Manager
MPJNM PIU, SATNA