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, सांईबोर्ड 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

भाराराप्रा/क्षे.का.-म.प्र./हरदा/2025/54879 दिनांक 25.07.2025

Invitation of Public Comments/सार्वजनिक टिप्पणियों का आमंत्रण

विषय: Proposal for permission water supply pipeline along and across NH-47 & Old NH 59 A Pkg- 2 Nemawar to Nanasa & Pkg- 3 Nanasa to Kalapatha.

संदर्भ: परियोजना निदेशक-हरदा का ई- फाईल नं. 281526.

1. परियोजना निदेशक, पीआईयू-हरदा, भाराराप्रा द्वारा ई-ऑफिस क्रमांक 281526 के माध्यम से एनएच-47 और पुराने एनएच 59 ए पैकेज-2 नेमावर से नानासा और पैकेज-3 नानासा से कालापाठा के साथ-साथ जलापूर्ति पाइपलाइन की अनुमति का प्रस्ताव

   PD, PIU-Harda, NHAI vide e-office no. 281526 has submitted the Proposal for permission water supply pipeline along and across NH-47 & Old NH 59 A Pkg- 2 Nemawar to Nanasa & Pkg- 3 Nanasa to Kalapatha.

2. मंत्रालय के कार्यालय ज्ञापन संख्या OM No. RW/NH-33044 S&R (R) dated 22.11.2016 के अनुसार, दावे और आपत्तियां (सार्वजनिक असुविधा, सुरक्षा और सामान्य सार्वजनिक हित के आधार पर) मांगने के लिए आवेदन को 30 दिनों के लिए सार्वजनिक डोमेन में रखा जाएगा।

   As per Ministry vide OM No. RW/NH-33044 S&R (R) dated 22.11.2016, the application shall be put out in public domain for 30 days for seeking claims and objections (on ground of public inconvenience, safety and general public interest).

3. तदनुसार, दावे और आपत्तियां मांगने के लिए उपरोक्त प्रस्ताव (आवेदन की प्रति संलग्न) पर 30 दिनों के भीतर (यानी 24.08.2025 तक) सार्वजनिक पोर्टल (यानी MoRT&H की वेबसाइट (www.morth.nic.in)) पर जनता की टिप्पणियां आमंत्रित की जाती हैं, जिसके बाद किसी भी टिप्पणी पर विचार नहीं किया जाएगा। टिप्पणी आमंत्रित करने वाले प्राधिकारी का पता इस प्रकार है:

4. 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 24.08.2025) 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:

राजमार्ग प्रशासक, क्षेत्रीय अधिकारी कार्यालय भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, ई-6/47, स्मृति परिसर, साईं बोर्ड अरेरा कॉलोनी के पास, भोपाल (मप्र)-462016	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

यह पत्र राजमार्ग प्रशासक सह् क्षेत्रीय अधिकारी के अनुमोदन उपरान्त जारी किया जा रहा है।

(रिया राठौर)
प्रबंधक (तक.)

संलग्नः उपरोक्तानुसार।

प्रतिलिपिः

1. वेब एडमिन, भा.रा.रा.प्रा., मुख्यालय, नई दिल्ली की ओर सर्वजनिक टिप्पणियों के लिए भा.रा.रा.प्रा. की वेबसाइट पर अपलोड करने के अनुरोध के साथ।
2. वरिष्ठ तकनीकी निदेशक, एनआईसी, परिवहन भवन, नई दिल्ली की ओर सार्वजनिक टिप्पणियों के लिए सड़क परिवहन की वेबसाइट पर अपलोड करने के अनुरोध के साथ।
3. परियोजना निदेशक, पकाई-हरदा अपने स्तर डिमांड पत्र जारी करने के संबंध में आवश्यक कार्यवाही करें।
4. मध्य प्रदेश जल निगम इंदौर की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

CHECKLIST

Guidelines for Project Directors for processing the proposal for laying of water Pipe line in the land along National Highway vested with NHAI .
Relevant circulars of ministry or road transport and highways
Circular No RW/NH - 33044/29/2015/S&R (R) dated 22.11.2016
Check list for getting approval for laying of water pipe line on NH land (to be filled by the PIU)

Check list for getting approval for laying approval for laying of water pipe line shall be considered for approval / Rejection base on the ministry circulars mentioned as above,

Carrying of water pipelines on highways bridges shall not be permitted as fumes /gasses pipes can accelerate the process of corrosion or may cause explosion, thus, being much more injurious than leakage of water.

Services are not being allowed indiscriminately on the parapet/any part of the brides, safety of the bridges has to be kept in view while permitting various services along bridge.

Check List for getting approval for Laying water pipe line project along National Highways

S.no	Item	Information Status	Remarks
1	General Information	Permission for Proposed laying of water supply pipeline	
1.1	Name and address of Applicant/Agency	Madhya Pradesh Jal Nigam Maryadit, PIU, Indore, MP.	
1.2	National Highway Number	NH-47 & OLD NH-59A (Indore to Harda)	
1.3	State	Madhya Pradesh	
1.4	Location	New NH-47 Indore to Harda & OLD NH-59A (Nemawar, Khategaon, Nanasa to Bagankheda, Killoda, Kalwar, Kalaphata, Hathnora.	
1.5	Change in KM - 123.056 to 95.06 KM.	Start Point Km 125.278, RHS to End Point Km 65.600 LHS (NH-47 Crossings Chainages No. Km.123.050, Km.121.100, Km.119.71, Km.115.420, Km.110.740, Km.107.100, Km.101.210, Km 98.500, Km 92.200, Km 82.930, Km 75.950, Km 73.250, Km 69.400, Km 66.930, Km.64.650 And Old NH-59A Crossings Chainages No. Km. 116.890, Km.83.750, Km 76.680, Km 70.200, Km 66.640) Total Length Approx. (77 Km) & Total No. Of Crossing (20),	

Resident Engineer
L N Malviya Infra Projects Pvt. Ltd.
HARDA (M.P.)

Project Director
NHAI, PIU

Manager (Tech.)
NHAI, PIU-Harda (M.P.)

1.6	Length in Meters	72 KM Approx	
1.7	Width of available ROW	60/45/36m 30/22.5/18m	
	(a) Left side from centre line towards increasing changing / Km direction		
	(b) Right Side from centre line towards increasing changing / Km direction	30/22.5/18m	
1.8	Proposal to lay underground pipe line.	Yes	
	(a) Left side from centre line towards increasing changing / Km direction	28/20/16m	Drawing Enclosed
	(b) Right side from centre line towards increasing changing / Km direction	28/20/16m	Drawing Enclosed
1.9	Proposal to acquire land	NO	As the laying of water pipeline is proposed in utility corridor at edge of the ROW
	(a) Left side from centre line	NO	
	(b) Right side from centre line	NO	
1.10	Whether proposal is in the same side where land is not be acquired	NA	
	If not then where to lay the Water pipe line	NA	
1.11	Details of already laid services, if any along the proposed route	Yes	Details Drawing Enclosed
1.12	Number of existing lanes (2/4/6/8 lanes)	2/4 lane with PS	
1.13	Proposal Number of lanes (2 lane with paved shoulders 4/6/8 lanes	NA	
1.14	Service road existing centre line	NO	
	If yes then which side		
	(c) Right side from centre line	NA	
	(d) Right side from centre line	NA	
1.15	Proposed service Road	NA	
	(a) Left side from centre line	-	
	(b) Right side from centre line	-	
1.16	Whether proposed to lay water pipeline is after the service road or between the service road main carriageway	At the extreme edge of ROW	
1.17	Whether carrying of water pipeline has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same.	NO	
1.18	Whether carrying of water pipeline has been proposed on the parapet/any part of the Bridges. If yes then mention the methodology proposed for the same .	NO	

Manager (Tech.)
NHAI, PIU-Harda (M.P.)

Project Director
NHAI, PIU-Harda (M.P.)

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 the agency owing the line	Yes, encased In pipe	HDD method beyond structure
	(a) Whether existing drainages structures are allowed to carry water pipeline	No	
	(b) Is it on a line normal to NH	Yes	
	(c) What is the distance of crossing the water pipeline from the existing structures? Crossing shall not bne too near the existing structures on the National Highway, the minimum distance being 15 Meter	Yes more than 25m	
	(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 strength and be3 large enough to permit ready withdrawal of the carrier pipe/cable. Mention type of casing.	Yes, Cast Iron Casing	
	(e) Ends of the casing/conduit pipe should, as minimum extend from the outside so that it does not act as a drainage path.	Yes, Agree	
	(f) The casing/conduit pipe should , as minimum extend from drain to drain in cuts and toe of slope in the fills .	Yes, Agree	
	(g) The top of the casing /conduit pipe should be at least 1.2 Meter below the surface of the road subject being at least 0.3 m below the drain inverts. Mention the proposed details.	Yes, Agree	
	(h) Mention the methodology proposed for crossing of road for the proposed water pipe line. crossing shall be by boring method (HDD) [trenchless Technology], specially where the existing road pavement is of cement concrete type.	Yes, Agree	
	(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, Agree	
2	Document / drawings to be enclosed with the proposal.	Yes	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2m deep X 0.3 m wide) (1) Should not be greater than 60cm wider than the outer diameter of the pipe (2) located as close to the extreme edge of the right-of-way as possible but not be permitted to run along the National Highway when the road formation is situated I double cutting. Nor shall these be laid over the	Yes	Enclosed

Project Director
NHAI, PIU-Harda (M.P.)

Manager (Tech.)
NHAI, PIU-Harda (M.P.)

Resident Engineer
L N Malviya Infra Projects Pvt. Ltd.
HARDA (M.P.)

	existing culverts and bridges (4) 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.		
2.2	Cross section showing the size of pit and location of water pipeline HDD Method.	Yes	Enclosed
2.3	Strip plan / Route plan showing water pipe line, changing width of ROW, distance of proposed water pipe line from the edge of ROW, important mile stone, intersection, crows drainage work etc.	Yes	Enclosed
2.4	Methodology for lying of water pipe line.	Yes	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	Yes	Enclosed
	(a) The trench width should be at least 30 cm, but not more than 60cm wider than the outer diameter of the pipe.	Yes	The typical cross section is enclosed.
	(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.		Herewith.
	(c) The backfill shall be completed in two stage (1) side- fill to the level of the top of the pipe and (2) overfill to the bottom of the road crust.	Yes, Agree	
	(d) The side-fill shall consist of granular material laid in 15cm layers each controlled by mechanical tampering and controlled by mechanical tampering and controlled addition of moisture to 95% of the Proctors Density as the material that had been removed. Consolidation by saturation or pending will not be permitted.	Yes, Agree	
	(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.	Yes, Agree	
	(f) The excavation shall be protected by flagmen, signs and barricades, and red light during night hours.	Yes, Agree	All safety measures shall be followed as

Project Director
NHAI, PIU-Harda (M.P.)

Resident Engineer
L & T Malviya Infra Projects Pvt. Ltd.
HARDA (M.P.)

Manager (Tech.)
NHAI, PIU-Harda (M.P.)

			NHAI
	(g) If, required a diversion shall be constructed at the expense of agency owing the utility line.	Yes	The diversion is not required
2.4.2	Horizontal directional drilling (HDD) Method	Yes	
2.4.3	Methodology of laying of Water pipe line, through CD works and method of laying, in cases where the carrying of water pipe line on the bridge becomes inescapable.	No	
3	Draft license agreement signed by two witnesses	Yes	Enclosed
4	Performance bank guarantee in favor of NHAI has to be obtained as below: (1) Utility services such as pipes etc (rate in per m) provided in the ducts already providedRs. 50 (2) <=300mmdia/withRs.100 (3) 300mm dia/width but <=1000m Rs250 (4) >1000mm- Rs250 (5) Utility services such as towers etc (rate in Rs per sqm) Forperiod of one year initially (extendable if required til satisfactory completion of work) as security for ensuring/making good the excavated trench for laying the water pipe line 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 or way. No payment for clearing debris/loose earth, performance BG as per above is to be obtained.	Will be Submitted After Approval.	
4.1	Conformation of BG has been obtained or not as per NHAI guidelines.		
5	Affidavit / Undertaking from the Application for the following is to be furnished.	Yes	Enclosed
5.1	Not to damage to other utility, if damaged than to 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 guideline.	Yes	
5.4	For shifting of water pipe line as and when required by NHAI at their own cost.	Yes	
5.5	For shifting of water pipe line due to 6 lanning /widening of NH	Yes	

Project Director
NHAI, PIU-Harda (M.P.)

Resident Engineer
L N Malv... ...s Pvt. Ltd.
HARDA (M.P.)

5.6	For indemnity against all damages and claims	Yes	
5.7	FOR traffic movement during laying of water pipe line to be managed by the applicant.	Yes	
5.8	if any claim is raised by the concessionaire then the same has to be paid by the applicant.	Yes	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation shifting or repairs, or alternations to the water pipe line/ any other utility located in the National Highway right -of- ways.	Yes	
5.10	Expenditure if any, incurred by NHAI for repairing any damages caused to the National Highway by the laying maintenance or shifting of the water pipeline will be borne by the applicant agency owning the line .	Yes	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement of repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owing the utility line within a reasonable given.	Yes	
5.12	Certificate from the applicant in the following format (1) Laying of water pipe line will not have any deleterious effects on any of the bridge. (2) "We do undertake that I /we will relocate service road/ approach road/ utilities at my/ our own cost notwithstanding the permission granted within such time as will stipulated by NHAI for future six-lanning or any other development"	Yes	
6	Who will sign the agreement on behalf of water pipe line agency?	General Manager MP Jal Nigam, PIU Indore	
	Power of Attorney to sign the agreement is available or not	Yes	
7	The project director, will submit the following certificates		
7.1	Certificate for the proposal for confirming of all standard condition issued vide ministry of road transport and Highways circular No RW/NH-33044 /29/2015/S&R(R) dated 22.11.2016	Yes	
7.2	Certificates from PD in the following format (1) It is certified that any other location of the water pipe line would be extremely difficult and unreasonable costly and the installation of water pipe line within ROW	Yes	

Project Director
NHAI PIU Harda (M.P.)

12 Resident Engineer
L N Malviya Infra Projects Pvt. Ltd.

Manager (Tech.)
NHAI PIU Harda (M.P.)

	will not adversely affect the design, stability & traffic safety of the highway not the likely future improvement such as widening of the carriageway, easing of curve etc		
	(2) For 6 – laning/ (a) Where feasibility is available "do certify that there will be no hindrance to proposed six-lanning based on the feasibility report considering proposed structures at the saidlocation . (b) In case feasibility report is not available "I do certify that sufficient ROW is available a site for accommodating proposed six lanning.	NA	
8	If NH section proposed to be taken up by NHAI on BOT basis – a clause is to be inserted in the agreement. The permitted Highway on which Licenses has been grantedThe right to lay water pipeline/ 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 honor the same"	NA	
9	Who will supervise the work of laying water pipeline?	General Manager MP Jal Nigam Indore	
	(a) On behalf of the Applicant	General Manager MP Jal Nigam Indore	
	(b) On behalf of NHAI	Manager Technical / IE/AE/SC	
10	Who will ensure that the defects in road portion after laying of water pipe line are corrected and if not corrected then what action will be taken.	General Manager MP Jal Nigam Indore	Undertaking attached
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire?	General Manager MP Jal Nigam Indore	
	On behalf of the Applicant	MP Jal Nigam Maryadit,PIU Indore	
	On behalf of the NHAI	NA	
12	A certificate form PD that they will enter the proposed permission in the register of the records of the permissions in the prescribed Performa (copy enclosed)	Yes	

Project Director
NHAI

Resident Engineer
L N Malviya Infrastructures Pvt. Ltd.
HARDA (M.P.)

13	If any previous approval is accorded for laying of underground water pipe line then photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed.	No	

Project Director
NHAI, PIU-Harda (M.P.)

Resident Engineer
...ects Pvt. Ltd.
...(M.P.)

CHECKLIST

Guidelines for Project Directors for processing the proposal for laying of water
Pipe line in the land along National Highway vested with NHAI .
Relevant circulars of ministry or road transport and highways
Circular No RW/NH – 33044/29/2015/S&R (R) dated 22.11.2016
Check list for getting approval for laying of water pipe line on NH land (to be filled by the PIU)

Check list for getting approval for laying approval for laying of water pipe line shall be considered for approval / Rejection base on the ministry circulars mentioned as above,

Carrying of water pipelines on highways bridges shall not be permitted as fumes /gasses pipes can accelerate the process of corrosion or may cause explosion, thus, being much more injurious than leakage of water.

Services are not being allowed indiscriminately on the parapet/any part of the brides, safety of the bridges has to be kept in view while permitting various services along bridge.

Check List for getting approval for Laying water pipe line project along National Highways

S.no	Item	Information Status	Remarks
1	General Information	Permission for Proposed laying of water supply pipeline	
1.1	Name and address of Applicant/Agency	Madhya Pradesh Jal Nigam Maryadit, PIU, Indore, MP.	
1.2	National Highway Number	NH-47 & OLD NH-59A (Indore to Harda)	
1.3	State	Madhya Pradesh	
1.4	Location	New NH-47 Indore to Harda & OLD NH-59A (Nemawar, Khategaon, Nanasa to Bagankheda, Killoda, Kalwar, Kalaphata, Hathnora.	
1.5	Change in KM	Start Point Km 125.278, RHS to End Point Km 65.600 LHS (NH-47 Crossings Chainages No. Km.123.050, Km.121.100, Km.119.71, Km.115.420, Km.110.740, Km.107.100, Km.101.210, Km 98.500, Km 92.200, Km 82.930, Km 75.950, Km 73.250, Km 69.400, Km 66.930, Km.64.650 And Old NH-59A Crossings Chainages No. Km. 116.890, Km.83.750, Km 76.680, Km 70.200, Km 66.640) Total Length Approx. (77 Km) & Total No. Of Crossing (20).	

Manager (Tech.)
NHAI, PIU-Harda (M.P.)

Checking from Ch. 65.600 - 92.971 Km. - found satisfactory.

Resident cum Highway Engineer
Independent Engineer
Indore-Harda(Pkg.2)NHAI
Marc Technocrats Ltd.

Project Director
NHAI, PIU Harda (M.P.)
08.03.25

General Manager
MPJNM, PIU Indore

1.6	Length in Meters	77 KM Approx	
1.7	Width of available ROW	60/45/36m 30/22.5/18m	
	(a) Left side from centre line towards increasing changing / Km direction		
	(b) Right Side from centre line towards increasing changing / Km direction	30/22.5/18m	
1.8	Proposal to lay underground pipe line.	Yes	
	(a) Left side from centre line towards increasing changing / Km direction	28/20/16m	Drawing Enclosed
	(b) Right side from centre line towards increasing changing / Km direction	28/20/16m	Drawing Enclosed
1.9	Proposal to acquire land	NO	As the laying of water pipeline is proposed in utility corridor at edge of the ROW
	(a) Left side from centre line	NO	
	(b) Right side from centre line	NO	
1.10	Whether proposal is in the same side where land is not be acquired	NA	
	If not then where to lay the Water pipe line	NA	
1.11	Details of already laid services, if any along the proposed route	Yes	Details Drawing Enclosed
1.12	Number of existing lanes (2/4/6/8 lanes)	2/4 lane with PS	
1.13	Proposal Number of lanes (2 lane with paved shoulders 4/6/8 lanes	NA	
1.14	Service road existing centre line	NO	
	If yes then which side		
	(c) Right side from centre line	NA	
	(d) Right side from centre line	NA	
1.15	Proposed service Road	NA	
	(a) Left side from centre line	-	
	(b) Right side from centre line	-	
1.16	Whether proposed to lay water pipeline is after the service road or between the service road main carriageway	At the extreme edge of ROW	
1.17	Whether carrying of water pipeline has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same.	NO	
1.18	Whether carrying of water pipeline has been proposed on the parapet/any part of the Bridges. If yes then mention the methodology proposed for the same .	NO	

NHAI, PIU-Harda (M.P.)

08.03.25

Resident cum Highway Engineer
Independent Engineer
Indore-Harda(Pkg.2)NHAI
Tandon Consultants Pvt. Ltd.

General Manager
MPRNM, PIU BHOPAL

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 the agency owing the line	Yes, encased In pipe	HDD method beyond structure
	(a) Whether existing drainages structures are allowed to carry water pipeline	No	
	(b) Is it on a line normal to NH	Yes	
	(c) What is the distance of crossing the water pipeline from the existing structures? Crossing shall not bne too near the existing structures on the National Highway, the minimum distance being 15 Meter	Yes more than 25m	
	(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 strength and be3 large enough to permit ready withdrawal of the carrier pipe/cable. Mention type of casing.	Yes, Cast Iron Casing	
	(e) Ends of the casing/conduit pipe should, as minimum extend from the outside so that it does not act as a drainage path.	Yes, Agree	
	(f) The casing/conduit pipe should , as minimum extend from drain to drain in cuts and toe of slope in the fills .	Yes, Agree	
	(g) The top of the casing /conduit pipe should be at least 1.2 Meter below the surface of the road subject being at least 0.3 m below the drain inverts. Mention the proposed details.	Yes, Agree	
	(h) Mention the methodology proposed for crossing of road for the proposed water pipe line. crossing shall be by boring method (HDD) [trenchless Technology], specially where the existing road pavement is of cement concrete type.	Yes, Agree	
	(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, Agree	
2	Document / drawings to be enclosed with the proposal.	Yes	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2m deep X 0.3 m wide) (1) Should not be greater than 60cm wider than the outer diameter of the pipe (2) located as close to the extreme edge of the right-of-way as possible but not be permitted to run along the National Highway when the road formation is situated I double cutting. Nor shall these be laid over the	Yes	Enclosed

Project Director
NHAI, PIU-Harda (M.P.)

08.03.25

Manager (Tech.)
NHAI, PIU-Harda (M.P.)

Resident cum Highway Engineer
Independent Engineer
Indore-Harda(Pkg.2)NHAI
Mitra Technocrats Ltd.

General Manager
MPRNM, PIU INDORE

	existing culverts and bridges (4) 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.		
2.2	Cross section showing the size of pit and location of water pipeline HDD Method.	Yes	Enclosed
2.3	Strip plan / Route plan showing water pipe line, changing width of ROW, distance of proposed water pipe line from the edge of ROW, important mile stone, intersection, crows drainage work etc.	Yes	Enclosed
2.4	Methodology for lying of water pipe line.	Yes	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	Yes	Enclosed
	(a) The trench width should be at least 30 cm, but not more than 60cm wider than the outer diameter of the pipe.	Yes	The typical cross section is enclosed.
	(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.	-	Herewith.
	(c) The backfill shall be completed in two stage (1) side- fill to the level of the top of the pipe and (2) overfill to the bottom of the road crust.	Yes, Agree	
	(d) The side-fill shall consist of granular material laid in 15cm layers each controlled by mechanical tampering and controlled by mechanical tampering and controlled addition of moisture to 95% of the Proctors Density as the material that had been removed. Consolidation by saturation or pending will not be permitted.	Yes, Agree	
	(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.	Yes, Agree	
	(f) The excavation shall be protected by flagmen, signs and barricades, and red light during night hours.	Yes, Agree	All safety measures shall be followed as

Project Director
NHAI, PIU Harda (M.P.)

Manager (Tech.)
NHAI, PIU-Harda (M.P.)

Resident cum Highway Engineer
Independent Engineer
Indore-Harda(Pkg.2)NHAI
Marc Technocrats Ltd.

General Manager
MPJNM,PIU INDORE

			per norms of NHAI
	(g) If, required a diversion shall be constructed at the expense of agency owing the utility line.	Yes	The diversion is not required
2.4.2	Horizontal directional drilling (HDD) Method	Yes	
2.4.3	Methodology of laying of Water pipe line, through CD works and method of laying, in cases where the carrying of water pipe line on the bridge becomes inescapable.	No	
3	Draft license agreement signed by two witnesses	Yes	Enclosed
4	Performance bank guarantee in favor of NHAI has to be obtained as below: (1) Utility services such as pipes etc (rate in per m) provided in the ducts already providedRs. 50 (2) <=300mmdia/withRs.100 (3) 300mm dia/width but <=1000m Rs250 (4) >1000mm- Rs250 (5) Utility services such as towers etc (rate in Rs per sqm) Forperiod of one year initially (extendable if required til satisfactory completion of work) as security for ensuring/making good the excavated trench for laying the water pipe line 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 or way. No payment for clearing debris/loose earth, performance BG as per above is to be obtained.	Will be Submitted After Approval.	
4.1	Conformation of BG has been obtained or not as per NHAI guidelines.		
5	Affidavit / Undertaking from the Application for the following is to be furnished.	Yes	Enclosed
5.1	Not to damage to other utility, if damaged than to 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 guideline.	Yes	
5.4	For shifting of water pipe line as and when required by NHAI at their own cost.	Yes	
5.5	For shifting of water pipe line due to 6 lanning /widening of NH	Yes	

Project Director
NHAI, PIU Harda (M.P.)

Resident cum Highway Engineer
Independent Engineer
Indore-Harda(Pkg.2)NHAI
Marc Technocrats Ltd.

08.05.25
MGR(NM),PIU INDORE

Manager (Tech.)
NHAI, PIU Harda (M.P.)

5.6	For indemnity against all damages and claims	Yes
5.7	FOR traffic movement during laying of water pipe line to be managed by the applicant.	Yes
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Yes
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation shifting or repairs, or alternations to the water pipe line/ any other utility located in the National Highway right –of- ways.	Yes
5.10	Expenditure if any, incurred by NHAI for repairing any damages caused to the National Highway by the laying maintenance or shifting of the water pipeline will be borne by the applicant agency owning the line .	Yes
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement of repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owing the utility line within a reasonable given.	Yes
5.12	Certificate from the applicant in the following format (1) Laying of water pipe line will not have any deleterious effects on any of the bridge. (2) "We do undertake that I /we will relocate service road/ approach road/ utilities at my/ our own cost notwithstanding the permission granted within such time as will stipulated by NHAI for future six-lanning or any other development"	Yes
6	Who will sign the agreement on behalf of water pipe line agency?	General Manager MP Jal Nigam, PIU Indore
	Power of Attorney to sign the agreement is available or not	Yes
7	The project director, will submit the following certificates	
7.1	Certificate for the proposal for confirming of all standard condition issued vide ministry of road transport and Highways circular No RW/NH-33044 /29/2015/S&R(R) dated 22.11.2016	Yes
7.2	Certificates from PD in the following format (1) It is certified that any other location of the water pipe line would be extremely difficult and unreasonable costly and the installation of water pipe line within ROW	Yes

Manager (Tech.)
NHAI, PIU-Harda (M.P.)

Project Director
NHAI, PIU-Harda (M.P.)

Resident cum Highway Engineer
Independent Engineer
Indore-Harda(Pkg.2)NHAI

08.03.

Manager
MPJNM,PIU INDORE

	will not adversely affect the design, stability & traffic safety of the highway not the likely future improvement such as widening of the carriageway, easing of curve etc		
	(2) For 6 – laning/ (a) Where feasibility is available "do certify that there will be no hindrance to proposed six-lanning based on the feasibility report considering proposed structures at the saidlocation . (b) In case feasibility report is not available "I do certify that sufficient ROW is available a site for accommodating proposed six lanning.	NA	
8	If NH section proposed to be taken up by NHAI on BOT basis – a clause is to be inserted in the agreement. The permitted Highway on which Licenses has been grantedThe right to lay water pipeline/ 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 honor the same"	NA	
9	Who will supervise the work of laying water pipeline?	General Manager MP Jal Nigam Indore	
	(a) On behalf of the Applicant	General Manager MP Jal Nigam Indore	
	(b) On behalf of NHAI	Manager Technical / IE/AE/SC	
10	Who will ensure that the defects in road portion after laying of water pipe line are corrected and if not corrected then what action will be taken.	General Manager MP Jal Nigam Indore	Undertaking attached
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire?	General Manager MP Jal Nigam Indore	
	On behalf of the Applicant	MP Jal Nigam Maryadit,PIU Indore	
	On behalf of the NHAI	NA	
12	A certificate form PD that they will enter the proposed permission in the register of the records of the permissions in the prescribed Performa (copy enclosed)	Yes	

Project Director
NHAI, PIU-Harda (M.P.)

08.03.25
General Manager
MPJNM,PIU INDORE

Resident cum Highway Engineer
Independent Engineer
Indore-Harda(Pkg.2)NHAI
Manc Technocrats Ltd.

Manager (Tech.)
NHAI, PIU-Harda (M.P.)

13	If any previous approval is accorded for laying of underground water pipe line then photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed.	No	

M. P. Jal Nigam Maryadit
PIU INDORE

Resident cum Highway Engineer
Independent Engineer
Indore-Harda(Pkg.2)NHAI
Marc Technocrats Ltd.

NHAI, PIU-Harda (M.P.)

08.03.2
MPJNM,PIU INDORE

Project Director
NHAI, PIU-Harda (M.P.)