

भारत सरकार
सड़क परिवहन एवं राजमार्ग मन्त्रालय



क्षेत्रीय कार्यालय
न्यू एरिया दत्ता विला रोड नियर
एन0टी0सी0 मोराबादी
राँची-834008.

Ph.: (0651) – 2550279, 2550183 (Tele-Fax)
GOVERNMENT OF INDIA
Ministry of Road Transport & Highways
Regional Office
New Area Datta Villa Road Near N.T.C.
Morabadi Ranchi – 834008.
E-Mail- roranchi03@gmail.com

No RW/Ranchi/OFC/17/2018-19/JHR/585

Dated: 15/10/2018

Invitation of public comments

Sub: Proposal for permission for laying water supply pipe line along and across the NH-23 for Sosokala Hematpur Water Supply scheme Ramgarh.

Sir,

The Project Director, NHAI, PIU, Dhanbad vide letter no. 11015/5/PD/DHN/UL-OFC/1294 dated 22.09.2018 has forwarded therewith a proposal in this office for laying water supply pipe line along and across the NH-23 for Sosokala Hematpur Water Supply scheme Ramgarh submitted by the Executive Engineer, Drinking Water & Sanitation, Division Ramgarh, i.e. the applicant on above mentioned subject.

2. As per Ministry OM vide no. 33044/29/2015/S&R(R) dated 22.11.2016, the Highway Administration will make available the proposal seeking permission for utility services 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 15.11.2018 beyond which no comments will be considered.

The Regional Officer,
Regional Office, MoRT&H,
Government of India,
New Area, Dutta Villa Road,
Antu Chowk, Morabadi, Ranchi, Jharkhand-834008
Email Id: roranchi03@gmail.com

4. This is issued with the approval of Highway Administrator cum Regional Officer, MoRT&H, Ranchi.

Encl. As above


(Amit Kumar Singh)
Asst, Executive Engineer,
For, Regional Officer.

- Copy to:
- (i) The Technical Director, NIC, Transport Bhawan, New Delhi-110001 for uploading on Ministry's website/
 - (ii) The Project Director, PIU-Dhanbad, NHAI, NHAI Complex, Kandra, P.O Bhitia, P.S - Govindpur, Dhanbad-828109 (Jharkhand).
 - (iii) The Executive Engineer, Drinking Water & Sanitation, Division Ramgarh.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
परियोजना निदेशक का कार्यालय, परियोजना कार्यान्वयन इकाई, एन.एच.ए.आई.
कॉम्प्लेक्स, कान्द्रा, पोस्ट भीतीया, थाना गोविन्दपुर, धनबाद-८२८१०६ (झारखण्ड)

National Highways Authority of India

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

Office of the Project Director, Project Implementation Unit, NHAI Complex
Kandra, P.O. Bhitia, P.S. Govindpur, Dhanbad-828109 (Jharkhand)

दूरभाष T/Ph. : 06540-283089

06540-283090

फैक्स / Fax : 06540-283184

ईमेल / E-mail : dhan@nhai.org
nhaidhanbad@yahoo.in

Ref: 11015/5/PD/DHN/UL-OFC/ 1294

Sept 24 2018

To
Shri Amit Kumar Singh
Asst. Executive Engineer
Ministry of Road Transport & Highways
Regional Office
New Area Datta Villa Road Near N.T.C.
Morabadi, Ranchi - 834008

Sub: **Proposal of permission for laying water supply pipe line along & across the NH-23 for Sosokala Hematpur Water Supply scheme Ramgarh.**

Ref: (i) EE, DW&SD, Ramgarh letter No. 874 dated 09.07.2018
(ii) MoRTH, RO-Ranchi letter No. RW/Ranchi/OFC/15/2018-19/JHR/279 dated 11.07.2018
(iii) This office letter No. 11015/5/PD/DHN/UL-OFC/1035 dated 20.08.2018
(iv) EE, DW&SD, Ramgarh letter No. 1156 dated 08.09.2018

Sir,

The proposal of permission for laying water supply pipe line along & across the NH-23 for Sosokala Hematpur Water Supply scheme Ramgarh submitted by the Executive Engineer, DW&S Division, Ramgarh has been scrutinized by this office in light of MoRTH Circular dated 22.11.2016 & found in order.


Further, as per Minutes of the Meetings dated 28.06.2018 in the Chairmanship of Hon'ble Chief Minister, Govt. of Jharkhand, the submission of Bank Guarantee is not required by DW&S Division. However, as per MoRTH Circular dated 22.11.2016, the charges for granting licence for use of highway land is pending.

Accordingly, the cited proposal is hereby recommended for according necessary permission for laying of water supply pipe line.

Thanking you,

Yours faithfully,

Encl: As above (2 sets).


(R. B. Jha)
Project director

Copy to:
Executive Engineer, DW&SD, Ramgarh – With request to please deposit the desired licence fee for use of highway land.

/

(R. B. Jha)
Project director

Office of the Executive Engineer
DW&S Division Ramgarh (Jharkhand)

Letter No. 1156 Date 8/9/18
From, Executive Engineer
DW&S Division Ramgarh (Jharkhand)
To, The Project Director,
Project implementation unit, NHAI complex
Kandra, P.O Bhiitia, P.S. Govindpur, Dhanbad-828109

Sub. :- Proposal of permission for laying water supply pipe line along & across the NH-23 for Sosokala Hematpur Water supply scheme Ramgarh.

Ref. :- Yours Ref. No. 11015/5/PD/DHN/UL-OFC/1032 Date. 20.08.18
Sir, 1035

With refrence to the above letter the required documents/ informations is hereby submitted.

1. Drawing showing the size of open trench is attached and it is as below-
for laying of 100 mm dia pipe, size of Trench .will be 500 mm
150 mm dia pipe, size of Trench will be 525 mm
200 mm dia pipe, size of Trench will be 550 mm.
250 mm dia pipe, size of Trench will be 600 mm.
300 mm dia pipe, size of Trench will be 700 mm.
 2. (a) We will required drilling by HDD method at three locations at chainage 28500 M (150 Dia Pipe), 30000 M (200 M dia pipe) & at chainage 31000 M (100 mm Dia Pipe) in Ramgarh - Bokaro Road.
(b) We will required crossing of pipe through existing culvert at chainage 33500 M (200 mm dia Pipe) in Ramgarh - Bokaro Road.
 3. Route plan with chainage is attached.
 4. As per proceeding of Honourable Chief Minister of Jharkhand meeting held on 28.06.2018. Para (15) के तीसरे नंबर के अनुसार NHAI योजनाओं में जलापूर्ति पाईप लाइन/विद्युत लाईन/अण्डरग्राउण्ड केबलिंग इत्यादि की अनुमति हेतु बैंक गारण्टी के बदले राज्य सरकार के अण्डरटेकिंग को NHAI द्वारा NOC निर्गत करने हेतु Accept किया जायेगा। Submission of performance bank gurantty is not required for government department (Proceding of C.M. meeting attached.)
- Encl:- as above.

Your's faithfully

8/9/18
Executive Engineer
DW&S Division Ramgarh
8-9-18
UL-OFC

From:

Executive Engineer
Drinking Water & Sanitation
Division Ramgarh,

To:

Regional Officer
Ministry of Road Transport & Highways
Government of India
Regional office
New Area Datta Villa road, Near N.T.C
Morabadi, Ranchi- 834008

Sub:

Seeking Permission for laying water supply pipe line along and across the NH-23

Project:

Sosokala - Hematpur & adjoining village Rural water supply scheme under D.W. & S. Division
Ramgarh on turnkey basis,

Ref:

Discussion with project Director, NHAI and Executive Engineer, MORTH at Ranchi on
27.06.18

Dear sir,

This has reference to the subject and Subsequent discussion with project Director, NHAI and
Executive Engineer, MORTH at Ranchi on 27.06.18 on the
Subject.

As advised we are pleased to submit our proposal for seeking permission for laying water supply
pipe line along and across the NH- 23 for the above mentioned water supply project under DMFT Scheme.

Proposed water supply pipe line alignment along NH-23 (Both Side) is given below:

Ramgarh To Bokaro

~~(Left Side)~~

Right Side →
Left Side {

- (1) 300 mm dia. pipe line between Km 21.52 to Km 33.878 - 12.378 KM (Rising Main)
- (2) 100 mm dia. pipe line between Km 26.338 to Km 28.14 - 1802 M (Distribution Pipe Main)
- (3) 150 mm dia. pipe line between Km 28.14 to Km 26.60 - 1460 M
- (4) 200 mm dia. pipe line between Km 29.60 to Km 30.482 - 882 M
- (5) 250 mm dia. pipe line between Km 30.482 to Km 32.352 - 1870 M
- (6) 100 mm dia. pipe line between Km 32.352 to Km 33.521 - 1169 M

(Right Side)

- (1) 100 mm dia. pipe line between Km 27.453 to Km 29.00 - 1547 M
- (2) 150 mm dia. pipe line between Km 29.40 to Km 30.413 - 963 M
- (3) 100 mm dia. pipe line between Km 30.913 to Km 31.513 - 240 M
- (4) 150 mm dia. pipe line between Km 31.653 to Km 32.565 - 912 M
- (5) 200 mm dia. pipe line between Km 32.565 to Km 33.818 - 1253 M
- (6) 250 mm dia. pipe line between Km 33.818 to Km 33.878 - 60 M

Our proposal constitutes the following documents as per the NHAI guideline along with necessary drawings
showing the chainage locations as well as the cross sections at the crossing locations:

1. Check list duly filled in
2. Undertakings
3. License Deed
4. Certificate
5. Drawings

We would like to mention that being a Government department under State Government of Jharkhand it would
not be feasible to submit Bank Guarantee by us. However, we are agreeable to submit an Undertaking as per
draft attached.


Trust above would meet your requirement.

We would earnestly request you to accord your approval at the earliest enabling us to execute the project.

In this regard your cooperation is highly appreciated

Thanking you,

Yours sincerely


9/7/18

Executive Engineer
Drinking Water & Sanitation
Division Ramgarh,

Memo No. 874

Date 9/7/2018

CC. Shri ram Prawesh singh, SE, Projects, D.W. & S.D Nepal House, Ranchi.

CC. Shri Umesh gupta, SE, D.W. & S Circle Hazaribag, Jharkhand.


9/7/18

Executive Engineer
Drinking Water & Sanitation
Division Ramgarh,

CHECK - LIST

Guideline for Project Direction for processing the proposal for laying of sewer/ water pipe line in the land along National Highway vested with NHAI.

- Relevant Circulars of Ministry of Road Transport and Highways
 - 1) Circular No. NH-41(58)/68 dated 31.1.1969.
 - 2) Circular No. RW/NH-III/P/66/76 dated 18/19.11.1976
 - 3) Circular No. RW/NH-III/P/66/76 dated 11.5.1982
 - 4) Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.07.1993.
 - 5) Circular No. RW/NH-11037/1/86/DOI dated 19.01.1995.
 - 6) Circular No. RW/NH- 34066/2/95/S&R dated 25.10.1999.
 - 7) Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.09.2003

Check list for getting approval for lying of Sewer/ Water Pipe line on NH land

The permission for laying for Sewer/water Pipe Line shall considered for approval / rejection based on the Ministry Circulars mentioned as above.

(a) Carrying of sewage/ water Pipe line on Highway Bridge shall not be permitted as Fumes/gas/water pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water.

(b) Service are not being allowed crimate on the parapet / any part of the bridge, safety of the bridges has to be kept in view while permitting various service along bridge.

Sr. No.	ITEM	INFORMATION STATUS	REMARKS
1	General Information		
1.1	Name and Address of the Application/ Company	Executive Engineer Drinking water & sanitation Division, Ramgarh ,Jharkhand	
1.2	National Highway Number	NH 23	
1.3	State	Jharkhand	
1.4	Location	Ramgarh	
1.5	Chainage in KM	(1) 300 mm dia.pipe line between Km 21.52 to Km 33.878 -12.378 KM (Rising Main) (2) 100 mm dia.pipe line between Km 26.338 to Km 28.14 - 1802 M (Distribution Pipe Main) (3) 150 mm dia.pipe line between Km 28.14 to Km 26.60 - 1460 M (4) 200 mm dia.pipe line between Km 29.60 to Km 30.482 - 882 M (5) 250 mm dia.pipe line between Km 30.482 to Km 32.352 -1870 M (6) 100 mm dia.pipe line between Km 32.352 to Km 33.521 - 1169 M (Right Side) (1) 100 mm dia.pipe line between Km 27.453 to Km 29.00 - 1547 M (2) 150 mm dia.pipe line between Km 29.40 to Km 30.413 - 963 M (3) 100 mm dia.pipe line between Km 30.913 to Km 31.513 - 240 M (4) 150 mm dia.pipe line between Km 31.653 to Km 32.565 - 912 M (5) 200 mm dia.pipe line between Km 32.565 to Km 33.818 - 1253 M (6) 250 mm dia.pipe line between Km 33.818 to Km 33.878 - 60 M	

1.6	Length of Meter(length in km) including Both side	17.353 KM	
1.7	Width of Available ROW		
	(a) Left Side from Center line towards increasing Chainage / KM direction	As per NHAI limit	
	(b) Right Side from Center line towards increasing Chainage/KM direction	NA	
1.8	Proposal to lay underground electrical Cable	NA	
1.9	Proposal acquire land	NA	
	(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 acquire	NA	
	If not then where to lay the cable		
1.11	Details of already laid service, if any, along the proposed route	NIL	
1.12	Number of Existing lanes (2/4/6/8 lanes).	2	
1.13	Proposed Number of lanes(2 lane with Paved shout/4/6/8 lanes)	4	
1.14	Service road existing or not	No	
	If yes when which side		
	(a) Left side from center side		
	(b) Right side from center side		
1.15	Proposed Service Road	NA	
	(a) Left side from center side	-	
	(b) Right side from center side	-	
1.16	Whether Proposal of lay Water/ Sewer Pipe line is after the service road or between the service road or between the service road and main carriageway	NA	
1.17	Whether Carrying of Sewage /Lay Water Pipeline has between the closed on highway Bridges, If yes than mention the methodology proposed for	NA	
1.18	Whether carrying of sewage/lay water pipeline has been proposed on parapet/any part of bridges. If yes, then mention the methodology proposed for the same.	NA	
	If crossing of the road involved If yes, it shall be either encased in pipe or through structure or conduits specially built for that purpose at the expense of the agency owning the line.	Yes, it is proposed to cross at 3 nos. location. (1) encased by 350 mm dia. MS Casing pipe for 1 no 200 mm dia water line (2) 250 mm dia MS casing Pipe for 1 no. 150mm dia water pipe Line (3) 250mm dia MS casing pipe for 1 no. 100mm dia water pipe line (4) At Chainage 32.852 Below exisiting Culvert 150 mm dia pipe (Shown in attached drawing)	
	(a) Whether existing drainage structure are allowed to carry sewage/ water pipeline	No	
	(b) Is it on a line normal to NH	Yes	
	(c) What is the distance of crossing the sewage /water pipeline from the existing structure. Crossing shall not be too near the existing structures on the NH, the maximum distance being 15 m.	-	

	(d) The crossing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron or reinforcement cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	Yes, it is proposed to cross at 3 nos. location. (1) encased by 350 mm dia. MS Casing pipe for 1 no 200 mm dia water line (2) 250 mm dia MS casing Pipe for 1 no. 150mm dia water pipe Line (3) 250mm dia MS casing pipe for 1 no. 100mm dia water pipe line (4) At Chainage 32.852 Below existing Culvert 150 mm dia pipe (Shown in attached drawing)	
	(E) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	(F) The Casing /conduit pipe should, as minimum extend from drain in cuts and toe of slope.	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 m below the drain inverts, Mention the proposed details.	1.5 m Drawing enclosed	
	(H) Mention the methodology proposed for crossing of road for the proposed sewage/pipe line crossing shall be by boring method(HDD) (Trench-less Technology), Specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.	HDD (trench less technology) Methodology enclosed	
	(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 proposal		
2.1	Cross section showing the size of trench for open trenching method is it normal size of 1.2m deep x 0.3 wide (i) Should not be greater than 60cm wider than the outer diameter of the pipe. (ii) Located as close to the extreme edge of the right of way as possible of the nearest carriageway. (iii) Shall not be permitted to run along the national highway when the road formation is situated in double cutting .Nor shall these be laid over the existing culverts and bridge. (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.	Enclosed	
2.2	Cross section showing the size of pit and location of cable for HDD method.	Enclosed	
2.3	Strip plan, Route Plan showing Water Pipe line , Chainage, width of ROW, distance of proposed water pipe line from the edge of ROW, important mile stone, intersections , cross drainage works etc.	Enclosed	
2.4	Methodology for laying of Water Pipe line	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 than the outer diameter of the pipe?		
	(a) The width should be at least 30 cm, but not more than 60 cm wider than outer diameter of the pipe.	-	
	(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 value. Unsuitable soil and rock edged should be excavated and replaced be selected materials	-	
	(c) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	-	
	(d) The side-fill shall of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or Ponding will not be permitted.	-	
	(e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	-	
	(g) If required, a division shall be constructed at the expenses of agency owning the utility line.	-	
2.4.2	Horizontal Direction Drilling (HDD) Method	Yes	
2.4.3	Methodology for laying of Water Pipe Line through CD works and method of Laying. In cases where the carrying of Water pipeline on the bridge becomes inescapable.	-	
3	Draft License Agreement signed by two witnesses.	Enclosed	
4	Performance Bank Guarantee in favor of NHAI has to be obtained @ Rs. 100/- per running meter (Parallel to NH) and Rs100000/- 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 Water 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 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.	being a Government department under State Government of Jharkhand, it would not be feasible to submit Bank Guarantee by us. However, we are agreeable to submit an undertaking – draft attached	
4.1	Confirmation of BG has been obtained or not as per NHAI guidelines.		
5	Affidavit/ Undertaking from the applicant for the following is to be furnished	Yes	
5.1	Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Enclosed	
5.2	For Renewal of Bank Guarantee.	Pl refer clause no 4 above	
5.3	For Confirming all standard condition of Ministry circulars and NHAI's guideline.	Enclosed	

5.4	For Shifting of Water pipeline as and when required by NHAI at their Own cost.	Enclosed	
5.5	For Shifting of water pipeline due to 6 lanning/widening of NH	Enclosed	
5.6	For Indemnity against all damages and claims	Enclosed	
5.7	For Traffic movement during laying of water Pipe Line to be managed by the applicant	Enclosed	
5.8	If any claim is raised by Concessionaire then the same has to be paid by the applicant.	NA	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Water Pipe line any other utility located in the National Highway right of ways.	Enclosed	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage cause to the national Highway by the laying, maintenance or shifting of the water pipeline will be borne by the applicant agency owing the line.	Enclosed	
5.11	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 owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Enclosed	
5.12	Certificate from the applicant in the following format (i) Laying of water Pipe Line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) "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 be stipulated by NHAI" for future six-lanning or any other development.	Enclosed	
6	Who will sign the agreement on behalf of water pipeline agency.	Executive Engineer, DW&SD Ramgarh	
	Power of Attorney to sign the agreement is available or not	Available	
7	The Project Director, will submit the following Certificates		
7.1	Certificate for proposal for confirming of all standard condition issued vide Ministry of Road Transport and Highways Circular No. NH-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-11037/1/86/DOI dated 19.01.1995, RW/NH-34066/2/95/S&R dated 25.10.1999 and Circular No. RW/NH-34066/7/2003S&R (B) dated 17.09.2003		
7.2	Certificate from PD in the following format (i) "it is certified that any other location of water Pipeline would be extremely difficult and unreasonable costly and installation of water pipeline within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc." (ii) For 4 – lanning		

7.3	<p>(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibility report considering proposed structures at the said location."</p> <p>(b) In case feasibility report is not available "I do certify that sufficient Row is available at site for accommodating proposed Four-lanning."</p>		
8	<p>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 License has been granted the 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 Ramgarh section from Km 21.50 to Km 33.878 of NH No. 23 on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."</p>	NA	
9	Who will supervise the work of laying of water pipeline		
	(a) On behalf of the Applicant	Executive Engineer, DWSD, Ramgarh	
	(b) On behalf of NHAI	Manager	
10	Who will ensure that the defects in road portion after laying of water pipeline are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	Executive Engineer, DW&SD, Ramgarh	
	(b) On behalf of NHAI	Project Director	
11	Who will pay the claim for damage done/ disruption in working of Concessionaire if asked by the Concessionaire	NA	
	On behalf of the Applicant	Executive Engineer, DW&SD, Ramgarh	
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 water pipeline then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed.		