

Government of India

Ministry of Road Transport & Highways  
(Chief Engineer - Regional Office, Lucknow)

N.H. Bhawan, Biotech Chowk, Lucknow Ring Road, Vikas Nagar, Lucknow - 226 022

Ph.: (0522) - 2967112, 2738226 (Tele-Fax)

Dated: 09.07.2024

Invitation of public comments

Sub.: Proposal for NOC permission for Laying of Water Supply Pipelines along NH-727B from Kharasara to Panchfora Kalan Ch.116.35 to Ch.118.85 (R.H.S) for approx. 2.50 km of 100 & 150 mm dia, from Sukhpura to Hanumanganj Ch.124.50 to Ch.132.26 (L.H.S) for approx. 7.26km of 450 & 700mm dia, at Parikhara Ch.133.20 to Ch.134.50 (R.H.S) for approx. 1.32 km of 150mm dia, at Wadia Ch.125.89 to Ch.126.95 (R.H.S) for approx. 1.06km of 90mm dia., at Dharhara Ch.130.27 to Ch.131.19 (R.H.S) for approx. 0.92km of 90mm dia, at Dharhara Ch.130.66 to Ch.131.19 (L.H.S) for approx. 0.52km of 63mm dia., at Dharhara Ch.129.58 to Ch.130.27 (L.H.S) for approx. 0.69km of 75mm dia., and Ten crossings at Ch.116+40, Ch.118+40, Ch.124+50, Ch.127+60, Ch.130+20, Ch.133+20, Ch.130+60, Ch.130+20, Ch.130+00, Ch.126+00 in the state of Utar Pradesh -Reg.

Uttar Pradesh Jal Nigam (Rural), Ballia has submitted the proposal for laying underground water supply pipe line on subject cited chainages of NH-727B in the State of Uttar Pradesh to Executive Engineer, NH Division, PWD, Varanasi for consideration.

2. The above proposal has been examined in this office in light of Ministry guidelines issued vide OM no.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016 & NH-36094/01/2022-S&R (P&B) dated 24.04.2023. The application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

3. In view of the above, comments of the public on the above application (checklist enclosed) is invited to the below mentioned address:

The Chief Engineer - Regional Officer,  
Ministry of Road Transport & Highways,  
N.H. Bhawan, Biotech Chowk, Lucknow Ring Road,  
Vikas Nagar, Lucknow - 226 022.

Encl.: As above.

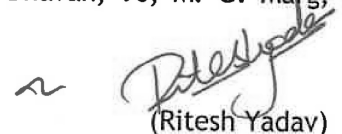
Yours faithfully,

  
(Ritesh Yadav)

Assistant Executive Engineer  
for Chief Engineer - Regional Officer

**Copy to:**

- (i) NIC, New Delhi - for uploading on the Ministry's website.
- (ii) The Chief Engineer (NH), Public Works Department, Nirman Bhavan, 96, M. G. Marg, Lucknow - 226 001.

  
(Ritesh Yadav)

Assistant Executive Engineer  
for Chief Engineer - Regional Officer

S.No	ITEM	INFORMATION STATUS	REMARKS
1.	General Information	Construction of Multi group of Villages Water Supply Scheme, Package-2, Hanumanganj, District-Ballia (Surface Water) with relevant works including Commissioning and Operation & Maintenance for 10 years	
2	Name and Address of the Applicant/Agency	U P Jal Nigam Rural Address: Division Office, U P Jal Nigam GRAMIN, BALLIA (UTTAR PRADESH), PIN: 277001	
3	National Highway Number	NH-727B	
4	State	UTTAR PRADESH	
5	Location	From Kharasara in Beruarbari Block to Parikhara in Hanumanganj Block of Ballia Dist.	
6.	Chainage in KM	CH-116.35 TO CH-118.85 (R.H.S) CH-124.50 TO CH-132.26 (L.H.S) CH-133.20 TO CH-134.50 (R.H.S) CH-125.89 TO CH-126.95 (R.H.S) CH-130.27 TO CH-131.19 (R.H.S) CH-130.66 TO CH-131.19 (L.H.S) CH-129.58 TO CH-130.27 (L.H.S)	
7	Length of Meter (Length in KM)	14.77	
8	Width of Available ROW a) Left Side from Center line towards decreasing chainage/KM direction b) Right Side from Center line towards decreasing chainage/KM direction	1m from edge towards decreasing chainage/km direction	
9	Proposal to lay underground electrical cable	N/A	
10	Proposal acquire land a) Left side from center line b) Right side from center line	N/A N/A N/A	
11	Whether proposal is in the same side where land is not to be acquired	YES	
12	Details of already laid service, if any along the proposed route	NO	
13	Number of existing lanes (2/4/6/8 lanes)	2L	
14	Proposed no of lanes (2 Lanes with paved shoulder /4/6/8)	N/A	
15	Service road existing or not	N/A	
16	If yes when which side a) Left side from center side b) Right side from center side	N/A N/A	

Assistant Engineer  
N.H. Div., P.W.D.  
Varanasi

Executive Engineer  
N. H. Div., P. W. D.  
Varanasi

Executive Engineer  
Division Office U.P.  
Jal Nigam (Rural)

17	Proposed service road a) Left side from center side b) Right side from center side	N/A	
18	Whether proposal of lay water/sewer pipeline is after the service road or between the service road or between the service road and main carriage way.	Yes, water pipeline to be laid in the utility corridor.	
19	Whether carrying pipe of sewage/lay water pipeline has between the closed on highway bridges, if yes then mention the methodology proposed for	YES, Open Trench Methodology	
20	Whether carrying pipe of sewage/lay water pipeline has been proposed on parapet/any parts of ridges. If yes, then mention the methodology proposed for the same.	N/A	
21	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, Trenchless Technology, HDD method	
	a) whether existing drainage structure are allowed to carry sewage/water pipeline	NO EXISTING DRAINAGE	
	b) Is it on a line normal to NH	NO	
	c) What is the distance of crossing the sewage/water pipeline from the existing structure of the NH the maximum distance being 15m.	N/A	
	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.	N/A	
	e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as 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 atleast 1.2m below the surface of the road subject to being atleast 0.3m below the drain inverts. Mention the proposed details.	YES	

Assistant Engineer  
N.H. Div., P.W.D.  
Varanasi

Executive Engineer  
N. H. Div., P. W. D.  
Varanasi

Executive Engineer  
Division Office U.P.  
Tal Nigam(Rural),

h) Mention the methodology proposed for crossing of road for the proposed sewage/pipeline crossing shall be by boring method (HDD) (Trenchless Technology). Specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.

HDD method

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.

N/A

22 Document/Drawing to be enclosed with the proposal

YES Enclosed

23 Cross section showing the size of trench for open trenching method is it normal size of 1.2m deep\*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 the be laid over the existing culverts and bridge.  
 iv) These should be so laid that their top is atleast 0.6 metre below the ground level so as not to obstruct drainage of the road land.

Cross Section Drawing attached.

24 Cross section showing the size of pit and location of cable HDD method.

YES Enclosed

25 Strip plan, route plan showing water pipeline chainage, width of ROW, distance of proposed water pipeline from the edge of ROW important mile stone, intersections, cross drainage works etc.

N/A

26 Methodology for laying of water pipeline.

YES Enclosed

27 Open trench 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 then the outer diameter of the pipe?

N/A

Assistant Engineer  
 N.H. Div., P.W.D.  
 Varanasi

Executive Engineer  
 N. H. Div., P. W. D.  
 Varanasi

a) The width should be atleast 30cm, but not more than 60 cm wider than outer diameter of the pipe.

N/A

Executive Engineer  
 Division Office U.P.  
 Jal Nigam(Rural),  
 Ballia



	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 excavated and replaced by selected materials.	N/A	
	c) The backfill shall be completed in two stages i) side-fill to the level of the top of the pipe and ii) overfill	N/A	
	d) The side fill shall be of granular material laid in 15cm 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.	N/A	
	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.	N/A	
	f) If required, a division shall be constructed at the expenses of agency owning the utility line.	N/A	
28	Horizontal Direction Drilling (HDD) method	N/A	
29	Methodology for laying of water pipeline through CD works and method of laying. In cases where the carrying of water pipeline on the bridge becomes inescapable.	Culvert crossing will be done through pedestal crossing.	
30	Draft license agreement signed by two witnesses.	YES	

Assistant Engineer  
N.H. Div., P.W.D.  
Varanasi

Executive Engineer  
N. H. Div., P. W. D.  
Varanasi

Executive Engineer  
Division Office U.P.  
Jal Nigam(Rural),

31

Performance bank guarantee in favour of NHAI has to be obtained @ Rs. 100/- per running meter (Parallel to NH) and Rs 100000/- per crossing of NH, for a period of one year Initially (extendable if required till satisfactory completion of work) as sa 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 to the license for clearing debris/loose earth. Performance BG as per above is to be obtained.

YES ATTACHED.

32

Confirmation of BG has been obtained or not as per NHAI guidelines.

N/A

33

Affidavit/undertaking from the applicant for the following is to be furnished.

YES

34

Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.

YES

35

For Renewal of Bank Guarantee

YES

36

For Confirming all standard condition of Ministry circulars and NHAI's guideline.

YES

37

For shifting of water pipeline due to 6 tanning/widening of NH

YES

38

For idemnity against all damages and claims.

YES

39

For traffic movement during laying of water pipe line to be managed by the applicant.

YES

40

If any claim is raised by Concessionaire then the same has to be paid by the applicant.

YES

41

Prior approval of NHAI shall be obtained before undertaking may work of Installation, shifting or repairs, or alterations to the water pipe line any other utility located in the National Highway right of ways.

YES

42

Expenditure, if any, incurred by NHAI for repairing any damage cause to the national highway by the laying, maintanace or shifting of the water pipeline will be borne by the applicant agency owing the line.

YES

Assistant Engineer  
N.H. Div., P.W.D.  
Varanasi


Executive Engineer  
N. H. Div., P. W. D.  
Varanasi

Executive Engineer  
Division Office U.P.  
Jal Nigam(Rural),  
Ballia

43	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.	YES	
44	Certificate from the applicant in the following format i) Laying of water pipeline 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 not withstanding line permission granted within such time as will be stipulated by NHAI for future six-lanning or any other development.	YES	
45	Who will sign the agreement on behalf of water pipeline agency.	Shri Mukeem Ahmad, Executive Engineer, Jal Nigam Rural, Ballia.	
46	Power of attorney to sign the agreement is available or not.	Shri Mukeem Ahmad, Executive Engineer, Jal Nigam Rural, Ballia.	
47	The project director, will submit the following certificates.	YES	
48	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-Dol(ii)dated 28.07.1993, RW/NH-11037/1/86-Dol(ii)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	YES	

  
Assistant Engineer  
N.H. Div., P.W.D.  
Varanasi

  
Executive Engineer  
N. H. Div., P. W. D.  
Varanasi

  
Executive Engineer  
Division Office U.P.  
Jal Nigam(Rural),  
Ballia

49	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, easting of curve etc." ii) For 6-lanning	YES	
50	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." b) In case feasibility report is not available " I do certify that sufficient ROW is available at site for accomodating proposed six lanning."	N/A	
1	Who will supervise the work of laying of water pipeline a) on behalf of the applicant b) On behalf of NHAJ	Shri Mukeem Ahmad, Executive Engineer, Jal Nigam Rural, Ballia. Shri Mitrunjay, Executive Engineer, NH-Varanasi	
52	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.	YES	
	a) On behalf of applicant	Shri Mukeem Ahmad, Executive Engineer, Jal Nigam Rural, Ballia.	
	b) On behalf of NHAJ		
53	Who will pay the claim for damage done/disruption in working of concessionaire if asked by the concessionaire		
	a) On behalf of applicant	Shri Mukeem Ahmad, Executive Engineer, Jal Nigam Rural, Ballia.	
54	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	YES	
55	If any previous approval is accorded for laying of underground water pipeline then photocopy of register of records maintained by PD then copy be enclosed.	NO	

Assistant Engineer  
N.H. Div., P.W.D.  
Varanasi

Executive Engineer  
Division Office U.P.  
Jal Nigam (Rural)

Executive Engineer  
N. H. Div., P. W. I  
Varanasi