



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

क्षेत्रीय कार्यालय : एफ-120, जनपथ, श्याम नगर, जयपुर-302019

Regional Office : F-120, Janpath, Shyam Nagar, Jaipur-302019

Tel. (O) / फोन : (ऑ.) 0141-2292056, 2292049

E-mail / ई-मेल : rojaipur@nhai.org Web. / वेब : www.nhai.gov.in



क्रमांक: NHAI/18013/1/2021-ROJ/Permission-Laying PHED Water Pipeline/246/NH-21, km 117.67 to 178.84/827 दिनांक: 23.06.2023

### INVITATION OF PUBLIC COMMENTS

- विषय:** Proposal for grant of permission for laying PHED Pipeline with 4 nos. road crossing for drinking water pipeline between Mitrapura, Sikndra, Balahedi Mode, Mahua on Agra-Jaipur road section of NH-21 laying from Km. 117+670 to 169+600, Km. 171+600 to 172+280 (LHS) and 172+280 to 178+840 (RHS) and 4 nos. crossing at Km. 118+720, 124+465, 154+480 & 172+800 by HDD (Total length 59370 mtr.) under water supply project for work of transmission main from Isarda Dam to WTP, IPS Bagri and CWRs for various clusters of Distt-Dausa, construction of WTP, Pump house and CWR under Isarda Dam water supply project under Jal Jeevan Mission (JJM) Distt-Dausa Pkg-Ist) by PHED - reg.
- सन्दर्भ:** (i) EE, PHED, Sohila letter dt 12.01.2023, letter no 896-900 dt 13.03.2023 & letter no 115-119 dt 27.04.2023  
(ii) PD, PIU-Dausa letter no 23011/23/PIU/DAU/NOC/PHED/16915 dt 30.05.2023 (received on 08.06.23)

Sir,

It is to inform all concern EE, PHED, Sohila vide letter cited under ref. (i) above has submitted a proposal for the subjected work and PD, NHAI, PIU, Dausa has submitted the above proposal vide letter under reference (ii) for approval of the Competent Authority, Highway Administration.

2. The proposal is for grant of permission for laying PHED Pipeline with 4 nos. road crossing for drinking water pipeline between Mitrapura, Sikndra, Balahedi Mode, Mahua on Agra-Jaipur road section of NH-21 laying from Km. 117+670 to 169+600, Km. 171+600 to 172+280 (LHS) and 172+280 to 178+840 (RHS) and 4 nos. crossing at Km. 118+720, 124+465, 154+480 & 172+800 by HDD (Total length 59370 mtr.) under water supply project for work of transmission main from Isarda Dam to WTP, IPS Bagri and CWRs for various clusters of Distt-Dausa, construction of WTP, Pump house and CWR under Isarda Dam water supply project under Jal Jeevan Mission (JJM) Distt-Dausa Pkg-Ist) by PHED.

3. As per Para-4 of Ministry's Circular No. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administration 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).

4. In view of the above, before approval of the competent authority, the comments/objections of affected public is hereby invited with reference to the Ministry's circular dated 22.11.2016 due to laying PHED Water Pipeline along and across the subjected project stretch. The objections/comments may be addressed to the below mentioned address upto 22.07.2023, beyond due date, no comments/objections will be accepted.


**The Regional Officer, Regional Office - Jaipur**

National Highways Authority of India,

F-120, Janpath, Shyam Nagar, Jaipur (Raj.)-302019,

Tel : 0141-2292049, 2292054 Email : rojaipur@nhai.org

This is issued with the approval of the Regional Officer, NHAI, RO, Jaipur (Rajasthan).

  
(मनोज खोड़ा)  
प्रबन्धक (तकनीकी)

- Copy to:** (i) Web Admn., NHAI, HQ, New Delhi - for uploading in NHAI's website [web-admin@nhai.org]  
(ii) Director, NIC, New Delhi - for uploading in Ministry's website. [mansoor@nic.in]  
(iii) PD, PIU-Dausa: for information and with the request to review the license fee and BG amount as per abended guidelines of MoRTH issued vide no. No. NH-36094/01/2022 S&R (P&B) dated 17.04.2023 and get deposited the same from the applicant within 30 days period for further processing the proposal.  
(iv) EE, PHED, Sohila: for information and with the request to deposit revised charges required as per amended guidelines dated 17.04.2023 within 30 days period.





सत्यमेव जयते

# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार) National Highways Authority Of India (Ministry of Road Transport & Highways, Govt. of India)



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परियोजना कार्यान्वयन इकाई, दौसा  
87, गंगा विहार कॉलोनी, होटल रावत पैलेस की पीछे, दौसा-303303 (राज.)  
Project Implementation Unit, Dausa  
87, Ganga Vihar Colony, Behind Hotel Rawat Palace, Dausa-303303 (Raj.)  
दूरभाष / Telephone : 01427-224918 ई-मेल / E-mail : dausa@nhai.org

No. 23011/23/PIU/DAU/NOC/PHED/NOC/16915

Date: 30.05.2023

Regional Officer,  
National Highways Authority of India  
F-120, Jan Path, Shyam Nagar,  
Jaipur.

**Sub.:** Permission for 4 road crossing for drinking water pipeline between Mitrapura, Sikndra, Balahedi mode, Mahua on NH-21 under water supply project for work of transmission main from Isarda Dam to WTP, IPS Bagri and CWRs for various clusters of district Dausa, construction of WTP, Pump house and CWR under Isarda Dam water supply project including 10 years O&M after one year defect liability period under Jal Jeevan Mission (JJM) Distt. Dausa Package-Ist). -reg

**Ref.:** 1. IE, letter no. 1059 dated 25.05.2023  
2. This office letter no. 16832 dated 18.05.2023  
3. EE, PHED Sohila letter no. 115-119 dated 27.04.2023  
4. This office letter no. 16511 dated 19.04.2023  
5. IE, letter no. 1003 dated 13.04.2023  
6. This office letter no. 16294 dated 24.03.2023  
7. EE, PHED Sohila 896-900 dated 13.03.2023  
8. This office letter no. 15830 dated 14.02.2023  
9. IE Letter no. 877 dated 27.01.2023  
10. This office letter no. 15687 dated 19.01.2023  
11. EE, PHED Sohila letter dated 12.01.2023

Sir,

Kindly refer PHED Sohila letter under ref (11) vide which subject proposal for 4 road crossing for drinking water pipeline between Mitrapura, Sikndra, Balahedi mode, Mahua on NH-21 under water supply project for work of transmission main from Isarda Dam to WTP, IPS Bagri and CWRs for various clusters of district Dausa, construction of WTP, Pump house and CWR under Isarda Dam water supply project including 10 years O&M after one year defect liability period under Jal Jeevan Mission (JJM) Distt. Dausa Package-Ist) was received in this office, the same was examined by the IE of the project highway and Independent Engineer vide letter under ref (9) submitted that:-

1. "The chainage and side of drinking water pipeline along and across the highway is not mentioned in subject headlines of letter of the office of Executive Engineer, PHED project division, Sohela, tonk dated 12.01.2023.
2. The applicant has not submitted checklist with the proposal
3. The applicant has not provided complete documents of agreement regarding granting of right of way permission.
4. License fee and Bank Guarantee amounts have not been worked out.
5. The applicant has not submitting methodology of laying water pipe line along /across the highway.
6. Strip plan/route plan has not submitted by the applicant; which shall be showing the width of ROW, distance of proposed utility from the edge of ROW, important millstone, intersection, cross drainage work etc
7. The total length of laying pipe line has not been correct in the proposal
8. The methodology for laying of Water pipeline through CD works and method of laying has not been provided

In the view of above said proposal is not satisfied the MoRT&H guideline dated 22.11.2016 so, we are not recommended this proposal for approval"

Further said observations were conveyed to PHED Sohila. vide this office letter under ref. (8) Further, the PHED Sohila has submitted revised proposal with compliance of observations vide letter dated 13.03.2023 i.r.o. observations conveyed by this office letter dated 14.02.2023. And same was examined through Independent Engineer of the Project Highway, the Independent Engineer (IE) vide letter under ref. (5) raised observations and same was conveyed to PHED Sohila vide this office letter under ref. (4) Stating that:-

1. The drawing has been missing at location Km. 117+670 to 121+430 LHS & Km. 177+930 to 178+840 RHS.
2. Actual ROW not mentioned in the drawing.

OK



3. Strip plan/rout plan has not submitted by the applicant, which shall be showing the width of ROW, distance of proposed utility from the edge of ROW, important milestone, intersection, etc  
In view of the above, the above proposal is not satisfied MoRTH guideline 22.11.2016 and it is not recommended for laying water pipeline within ROW."

Further, the PHED Sohila has submitted revised proposal with compliance of observations vide letter dated 27.04.2023 i.r.o. observations conveyed by this office letter dated 19.04.2023. And same was examined through IE of the Project Highway, the Independent Engineer (IE) vide letter under ref (1) submitted that:-

1. Check list submitted by the applicant has been Checked & verified at site
2. Applicant shall laid 400mm, 600mm, 700mm, 1300mm dia. DI water pipe line in between Km. Ch. 117.670 to 118+720 (LHS), Ch. 118+720 to 124+465 (LHS), Ch. 124+465 to 154.480 (LHS), Ch. 154.480 to 169+600 (LHS), Ch. 171+600 to 172+280 (LHS) & Ch. 172+280 to 178+840 (RHS) by open trench method along the project highway and Crossing at 4 location at Ch. 118+720, Ch. 124+465, Ch. 154+480, Ch. 172+280 by HDD method across the project highway
3. Applicant shall be laid pipeline at the extreme edge (0.5 to 1 m) of Row
4. Applicant has enclosed agreement along with required undertaking  
The above said proposal has been prepared in light of MORT&H guide line RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 vide which applicant shall paid license fee for use of highway land.  
In light to above, the permission of lying of water pipe line can be given only in utility corridor of the Project subject to the following conditions
1. The stability & structure safety of the bridge/structure embankment/road crust etc while laying water pipeline shall be ensured by the concerned department
2. Prior to start of any work/ signing of agreement, PHED should ensure & submit under taking that they will execute the actual work at site after obtaining necessary clearance of respective Department
3. The concerned department will carry out the work of shifting /relocation of above water supply pipe line wherever required in further by NHA1 at their own cost as per requirement & direction of NHA1
4. No damage to avenue plantation shall be done during laying work. In case of damages, the applicant shall restore the same at its own cost, by replacing the plants/trees of same age & height and growth
5. Any other utility (OFC, Pipeline...etc) is already laid within ROW. Before starting the work please concern with respective authority
6. The applicant may strictly be advised to bring in shape the ROW after laying of Pipeline as it was prior to laying work
7. In case of any damages to ongoing road work due to laying of pipeline within ROW, all costs pertaining to repair & the claims likely be raised by the independent Engineer shall be borne by the PHED
8. The applicant shall execute the work with utmost care as not to damage the existing utilities and shall be fully responsible for any damage to the existing utilities

#### Calculation of Bank Guarantee & license fee.

- A. BG for restoration/maintenance work subsequent to laying of utility has been derived are as under

(A) Across length in ROW Ch. 118+720 (Casing Dia. 700 mm) Ch. 124+465 (Casing Dia. 400 mm) Ch. 154+480 (Casing Dia. 1000 mm) Ch. 172+280 (Casing Dia. 1000 mm)	(50+50+50+50) = 200 Meter
Dia of pipe line including casing	>300 mm dia/per width but <=1000 mm
Rate per meter as per minster guidelines	Rs. 250 per meter
Amount of performance bank guarantee for laying the pipe line across the NH	200X250 = 50000/-
Amount of four number crossing	(100000+100000+100000+100000) = 400000/-
<b>Total Amount of Performance Bank Guarantee</b>	<b>4,50,000/- (Four lakh fifty thousand rupees only)</b>
(a) Along length in ROW Ch. 117+670 to 118+720 LHS	1050 Meter
Width of pipe line (Trench width 700mm)	>300 mm dia/per width but <=1000 mm
Rate per meter as per minster guidelines	Rs. 250 per meter
Amount of performance bank guarantee for	1050X250 = 262500/-

laying the pipe line along the NH	
<b>Total Amount of Performance Bank Guarantee</b>	<b>262500/- (Two lakh Sixty Two thousand five hundred rupees only)</b>

(b) Alone length in ROW Ch. 118+720 to 124+465 LHS	5745 Meter
Width of pipe line (Trench width 900mm)	>300 mm dia/per width but <=1000 mm
Rate per meter as per minster guidelines	Rs. 250 per meter
Amount of performance bank guarantee for laying the pipe line along the NH	5745X250 = 1436250/-
<b>Total Amount of Performance Bank Guarantee</b>	<b>14,36,250/- (Fourteen lakh thirty six thousand two hundred fifty rupees only)</b>

(c) Along length in ROW Ch. 124+465 to 154+480 LHS	30015 Meter
Width of pipe line (Trench width 1000mm)	>300 mm dia/per width but <=1000 mm
Rate per meter as per minster guidelines	Rs. 250 per meter
Amount of performance bank guarantee for laying the pipe line along the NH	30015X250 = 7503750/-
<b>Total Amount of Performance Bank Guarantee</b>	<b>75,03,750/- (Seventy five lakh three thousand seven hundred seventy five rupees only)</b>

(d) Along length in ROW Ch. 154+480 to 169+600 LHS	15120 Meter
Width of pipe line (Trench width 2400mm)	>1000 mm
Rate per meter as per minster guidelines	Rs. 500 per meter
Amount of performance bank guarantee for laying the pipe line along the NH	15120X500 = 7560000/-
<b>Total Amount of Performance Bank Guarantee</b>	<b>75,60,000/- (Seventy five lakh sixty thousand rupees only)</b>

(e) Along length in ROW Ch. 171+600 to 172+280 LHS CH. 172+280 to 178+840 RHS	7240 meter
Width of pipe line (Trench width 1000mm)	>300 mm dia/per width but <=1000 mm
Rate per meter as per minster guidelines	Rs. 250 per meter
Amount of performance bank guarantee for laying the pipe line along the NH	7240X250 = 1810000/-
<b>Total Amount of Performance Bank Guarantee</b>	<b>18,10,000/- (Eighteen Lakh Ten Thousand rupees only)</b>

**Total Amount of Performance Bank Guarantee**

$$\begin{aligned}
 & \{ \text{Crossing (A)} \} + \{ \text{Along (a)} + (b) + (c) + (d) + (e) \} \\
 = & \{ (450000) + (262500 + 1436250 + 7503750 + 7560000 + 1810000) \} \\
 = & (450000 + 18572500) \\
 = & \text{Rs. 1,90,22,500/-}
 \end{aligned}$$

**B. Total Amount of License fee (As per Annexure -1) 17,57,40,660**

*In view of the above the proposal is generally satisfy ministry guideline RW/NH-33044/29/2015/S&R/(R) dated 22.11.2016, and it is recommended for grant of permission of laying water pipeline."*

In view of the above & based on recommendation by Independent Engineer the subject proposal is hereby recommended for In-Principal Approval by Competent Authority.

Yours sincerely

Encl.: As above.

  
(Sahi Ram)

Project Director  
NHAI, PIU-Dausa

Copy to:

1. Team Leader/Project Manager (Jaipur-Mahua section) for information.
2. EE, PHED Sohila. Basi for information.



## PROPOSAL

Guidelines for processing the proposal for laying of Utility line in the land along National Highways vested with NHAI/PWD/BRO.

### General Information :-

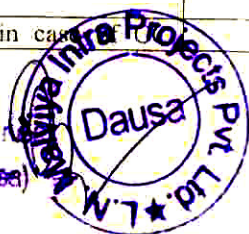
1. Name and Address of the Applicant/Agency	:	Manoj Jain (Executive Engineer) PHED, Project Div., Sohela
2. National Highway No.	:	NH-21
3. State	:	Rajasthan
4. Location	:	Dausa-Mahua Section
5. Chainage in km	:	117+670 to 169+600 171+600 to 172+280 (LHS). 172+280 to 178+840 (RHS).
6. Length in m	:	59370
7. Width of available ROW in both side	:	50M
8. Side of NH (Left or right side of NH towards increasing chainage/km direction)	:	52.61 (LHS) 6.56 (RHS) 0.200 M (Crossing)
9. Name of Highway Authority of NHA/PWD/BRO	:	NHAI
10. Highway Administration Address	:	PD PIU DAUSA

*Handwritten signature and initials*  
Xs  
13/11/2019

## CHECK LIST

S.No.	Item	Measurement Observations as per site conditions	MORTH Norms	Whether complying with MORTH Norms
1.	Details of already laid utility service, if any	N A	Enclosed	
2.	Whether up gradation of the stretch in near future is proposed or not	N A		
	(a) If yes, provision of utility adversely affect the plain of up-gradation	N A	Not affect plan of up gradation	
3.	Laying of the utility service along the National Highways.	Yes		
3.1	Location of proposed utility service along the stretch	117+670 to 169+600 171+600 to 172+280 (LHS), 172+280 to 178+840 (RHS)	Utility Duct/beyond the toe line of the embankment and drains, and close to the extreme edge of the ROW.	
3.2	Depth of top of utility service from ground level	1.7 to 2.4 M	0.6 Meter	
3.3	Mechanism for crossing water channel	N A	Through utility duct (if provision exists) or beneath the bed of water channel	
3.4	Whether ROW is restricted in this stretch?	N O		
3.4.1	If yes, whether provision of land acquisition is required to lay utility	N A		
	(a) If yes, whether undertaking for land acquisition along with relevant L.A. details has been furnished	N A		
3.4.2	Width of concrete duct, if utility services are proposed to be laid in concrete ducts	N A	Not less than one lane	Yes
4.	Laying of utility services across the NH	118+720, 124+465, 154+480, 172+280 (By HDD)		
4.1	Whether Existing drainage structures is allowed to carry the utility lines.	N A	Not to be allowed	Yes
4.2	Proposed crossing of utility service.	YES	Perpendicular to NH	Yes
4.3	Type of casing pipe/conduct carrying the utility line.	MS (400mm, 700mm, 1000mm, 1000mm)	Steel, cast iron, or reinforced cement concrete and have adequate strength	Yes
4.4	Whether ends of the casing/conduct pipe are sealed from the outside	Sealed	Sealed	Yes
4.5	Length of casing/conduct pipe crossing NH.	50M	Extend from drain to drain in cuts and toe to toe of slope in the fills	
4.6	Depth of top of the casing/conduct pipe.	1.7	At least 1.5 m below the top of sub grade.	Yes
4.7	Crossing method in case of	NA	Only boring method (HDD)	

Asst. Highway Maintenance Engineer  
L. A. Malviya Infra Project Pvt. Ltd. (Dausa)



Inspector (Tech.)  
NHAI, PIU-Dausa

Inspector  
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	payment.			
4.8	Horizontal and vertical clearances in case utilities are allowed overhead.	NA	In accordance with IRC codes.	
5.	Document/Drawings enclosed with the proposal	Yes		
5.1	Cross-Section showing the size of trench for open trenching method	Open Trench	Enclosed, if applicable	
	(a) Trench width	0.7 to 2.4M	More than 30cm and less than 60cm wider than the outer diameter of the utility pipe	
	(b) Filling of trench	As per guidelines	As per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R(R) dated 22.11.2016	
	(c) location of trench	0.5 to 1M	Extreme edge of the ROW	
5.2	Cross section showing the size of pit and location of conduct for HDD method	Enclosed	Enclosed, if applicable	
5.3	Strip plan/Route plan showing utility line, chainage, width of ROW, distance of proposed utility mile stone, intersections, cross drainages works etc.	Enclosed	Enclosed	
5.4	Plan and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility.	NA	Enclosed	
6.	Methodology for laying of utility line	Enclosed	Enclosed	
7.	Draft Licence Agreement is as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R(R) dated 22.11.2016 and signed by two witness.	Enclosed	Enclosed	
8	License fees in Favor of MoRTH RPAO Jaipur	Shall be deposited on demand	As per Ministry vide circular no. RE/NH-33040/29/2015/S&R(R) dated 22.11.2016	
9	Whether Bank Guarantee has been obtained	Shall be deposited on demand	As per Ministry vide circular no. RE/NH-33040/29/2015/S&R(R) dated 22.11.2016	
	(a) If yes, whether Confirmation of BG has been obtained as per MoRTH/NHAI guidelines.			
10.	Affidavit/Undertaking from the Applicant for	Enclosed		
10.1	Undertaking for not to damage other existing utility, if damaged then to pay the losses to either to MoRTH/NHAI or to the concerned agency.	Enclosed	Enclosed	
10.2	Undertaking for renewal to Bank Guarantees and when asked by NHAI/MoRTH	Enclosed	Enclosed	
10.3	Undertaking for confirming all standard condition	Enclosed	Enclosed	

Asst. Highway Maintenance Engineer  
LN. Malviya Infra Project Pvt. Ltd. (Dausa)



Manager (Tech.)  
NHAI, PI U-Dausa

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	MoRTH/NHAI guidelines.			
10.4	Undertaking for shifting of utility as and when asked by MoRTH/NHAI within a month at their own cost.	Enclosed	Enclosed	
10.5	Undertaking for indemnity against all damages and claims.	Enclosed	Enclosed	
10.6	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Enclosed	Enclosed	
10.7	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be paid by the applicant.	Enclosed	Enclosed	
10.8	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as directorate of Electricity, Chief controller of Explosive safety Organisation, Oil industry safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration.	Enclosed	Enclosed	

The Right of the Way (ROW) of the National Highway available at the proposed location from the centre line of divided carriageway is (.....) .. (from centre of ROW to edge of ROW towards proposed utility).

The above ..... the drawings and documents have been verified and certified as correct as per prevailing conditions.

[Name Designation and signature of the authorized representative of applicant]

[Name Designation and signature of concerned (self) authority of NHAI/PWD/BRO]

Asst. Highway Maintenance Engineer  
L.N. Malviya Infra Project Pvt. Ltd. (Dausa)



Manager (Tech.)  
NHAI, PI U-Dausa