



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय (राजस्थान) /Regional Office (Rajasthan)

एफ-120, जनपथ, श्याम नगर, जयपुर-302019

F-120, Janpath, Shyam Nagar, Jaipur-302019

दूरभाष /Tel : 0141-2292049

: 0141-2292054

फैक्स /Fax : 0141-2292049

ईमेल /Eail : rojaipur@nhai.org

No: NHAI/18013/1/2020-ROJ/Permission-Laying /PHED Pipeline/79/NH-48 km 261.520/69

Date: 08.04.2021

INVITATION OF PUBLIC COMMENTS

Sub.: Proposal for grant of permission for road cut for PHED water pipeline crossing on NH-8 (New NH-48) km 261.520 on Delhi-Ajmer highway and Kalwar Road crossing in Jhotwara for providing connectivity from the Bilaspur water supply system to Kardhani Scheme Jhotwara, Jaipur by PHED.

Ref.: 1. Ex. En. PHED City Dn. IV (N), Jaipur letter no. 3243-48 dt. 11.11.2020 and even no. 5267 dt. 17.03.2021.
2. PD, PIU-Jaipur letter no. NHAI/JPR/NOC/OFC/PHED/2021/2849 dt. 19.03.2021.

Sir,

It is to inform all concern that Ex. En. PHED City Dn. IV (N), Jaipur vide letter under reference (i) has submitted a proposal for grant of permission for laying of PHED water pipeline crossing on NH-8 (New NH-48) km 261.520 on Delhi-Ajmer highway and Kalwar Road crossing in Jhotwara for providing connectivity from the Bilaspur water supply system to Kardhani Scheme Jhotwara, Jaipur by PHED to this office vide letter under reference (ii) for approval of the Competent Authority.

2. The proposal is regarding permission for grant of permission for laying & crossing of PHED water pipeline crossing on NH-8 (New NH-48) km 261.520 on Delhi-Ajmer highway and Kalwar Road crossing in Jhotwara for providing connectivity from the Bilaspur water supply system to Kardhani Scheme Jhotwara, Jaipur by PHED in the state of Rajasthan.

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 lay grant of permission for laying of PHED water pipeline crossing on NH-8 (New NH-48) km 261.520 on Delhi-Ajmer highway and Kalwar Road crossing in Jhotwara for providing connectivity from the Bilaspur water supply system to Kardhani Scheme Jhotwara, Jaipur by PHED. The objections/comments may be addressed to the below mentioned address upto 07.05.2021, beyond due date, no comments/objections will be accepted.

The Regional Officer, Regional Office - Jaipur

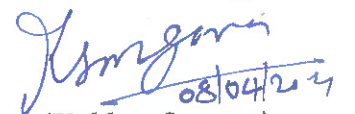
National Highways Authority of India,

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).

Yours faithfully,


(Kuldeep Songara)
DGM (Tech.)

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-Jaipur: for information.

(iv) Ex. En. PHED City Dn. IV (N) Jaipur : for information.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, जयपुर

Project Implementation Unit, Jaipur

डी-148, आर. एस.ई.बी. सब-स्टेशन के पीछे, वैशाली नगर, जयपुर-302021

D-148, Behind RSEB Sub-Station, Vaishali Nagar, Jaipur-302021

दूरभाष / Phone : 91-141 - 2351427

फैक्स / Fax : 91-141 - 4026465

ई-मेल / E-mail : jai@nhai.org

Sh. M.K. Sharma
MLO
22/3/21

No. NHAI/JPR/NOC/OFC/PHED/2021/Bisalpur/2849

Date 18.03.2021

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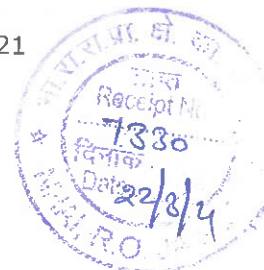
Chief General Manager (Tech)/Regional Officer

National Highways Authority of India

Regional Office,

F-120, Janpath, Shyam Nagar

Jaipur (Raj.).



Sub.: Permission of road cut for pipe line crossing on national highway 8 Delhi Ajmer Highway and Kalwar road crossing in Jhotwara for providing connectivity from the Bisalpur water supply system to Kardhani Scheme Jhotwara, Jaipur.

Ref.:i) EE, PHED, City Dn. IV(N) Jaipur letter no. 3243-3248 dated 11.11.2020 through Regional Office, NHAI, Jaipur letter no. 2676 dated 26.11.2020 received in this office on dated 01.12.2020.

ii) This office letter no. 2140 dated 11.01.2021.

iii) EE, PHED, City Dn. IV(N) Jaipur letter no. 3816-3820 dated 12.01.2021

iv) This office letter no. 2211 dated 21.01.2021.

v) IE M/s. URS Scott Wilson India Pvt. Ltd. letter no. 88 dated 28.01.2021.

vi) This office letter no. 2352 dated 04.03.2021.

vii) EE, PHED, City Dn. IV(N) Jaipur letter no. 4927-4930 dated 03.03.2021.

viii) This office letter no. 2695 dated 09.03.2021.

ix) EE, PHED, City Dn. IV(N) Jaipur letter no. 5267 dated 17.03.2021.

Sir,

With reference to above cited subject, EE, PHED, City Dn. IV(N) Jaipur vide their letter dated 11.11.2020 (**Annex-1**) has submitted the proposal of permission for laying of pipe line crossing on national highway 8 Delhi Ajmer Highway and Kalwar road crossing in Jhotwara for providing connectivity from the Bisalpur water supply system to Kardhani Scheme Jhotwara, Jaipur.

2. The said proposal has been examined in Consultation with Independent Engineer of the Project Gurgaon-Kotputli-Jaipur Section of NH-8. IE M/s. URS Scott Wilson India Pvt. Ltd. vide their letter dated 28.01.2021 (**Annex-2**) has recommended for according approval for the said proposal for Permission of road cut for pipe line crossing on national highway 8 Delhi Ajmer Highway and Kalwar road crossing in Jhotwara for providing connectivity from the Bisalpur water supply system to Kardhani Scheme Jhotwara, Jaipur.

3. IE M/s. URS Scott Wilson India Pvt. Ltd. vide their letter dated 28.01.2021 submitted that :

- "Diameter of the water pipeline which is to be laid is 600 mm (200 mm utility pipe with 400 mm casing).
- The length of the pipeline which is to be laid is 60 m in urban location of the projected highway.
- The depth of the water pipeline to be laid is 2.0 meter below the natural ground level.
- The said site is situated in an urban area.

We have also worked out the license fee and performance bank guarantee in favour of NHAI which are required to be obtain from the applicant PHED. The

amount for license for laying of 60 m water pipeline across NH-8 section has been worked to Rs. Rs. **388013/-** based on the prevailing circle rates for the particular area as made available by the applicant duly considering under the category of public utilities for this case as per the guidelines of MoRTH.

It is calculated at the rate of **Rs.250/-** per route meter for pipe of size >300 mm dia/width total length of 60 m in NH-8 for **Rs.15000/-** on NH-8 initially for a period of five years (extendable if required till satisfactory completion of work) as a security to comply with the requirements of conditions as per MORT&H circulars in this regard. The amount of the deposited for payment of Performance bank guarantee is **Rs.15000/-** in this regard. The detailed calculation sheet for working the amount for License fee and performance bank guarantee is attached herewith.

In view of the above, the IE recommends for permission to be accorded for laying the said Water supply pipe line in favour of the Applicant.

The documents (checklist and drawings) have been signed by the IE and the same are submitted herewith for taking further action".

4. Accordingly, the proposal has been processed in this office and vide above referred letter dated 04.03.2021 (**Annex-3**) has requested to applicant to submit the BG as performance security. EE, PHED, City Dn. IV(N) Jaipur vide above referred letter dated 17.03.2021 (**Annex-4**) has submitted the required D.D. No. 159941 dated 17.03.2021 of Rs. 15000/- to this office and applicant has submitted the license fee amount of Rs. 388013/- for five years in the Bharat Kosh (copy of the same is enclosed).

5. In view of the above, the said proposal has been examined and seems to be found in order. Duly signed checklist & drawings by undersigned is enclosed with the proposal and recommended to grant permission to PHED for crossing on National Highway-8(New NH-48) Gurgaon-Kotputli-Jaipur Highway.

Encl. : As above.

Yours faithfully,


**Project Director
NHAI, PIU Jaipur**

CHECK- LIST

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

General Information

- | | |
|--|---|
| 1. Name and Address of the Applicant/Agency | :Executive Engineer PHED, City Dn.
IV(N) Vidhyadhar nagar ,Jaipur |
| 2. National Highway No. | : NH-8 |
| 3. State | : Rajasthan |
| 4. Location | : Crossing at Ajmer-Delhi express
Highway and Kalwar road
jhotwara jaipur |
| 5. Chainage in km | : At chainage 261.520 km |
| 6. Length in m | : 60mtr |
| 7. Width of available ROW in both side | : 60mtr |
| 8. Side of NH
(left or right side of NH towards increasing chainage/Km direction) | : Crossing |
| 9. Name of Highway Authority of NHAI/PWD/BRO | : NHAI |
| 10. Highway Administration address | : Project Director, NHAI, Jaipur |


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प्रबन्धक (तक.)
महाराष्ट्र राज्य सरकार
विद्युत विभाग
कोट 10/10/2010



Handwritten number 31
प्रबन्धक (तक.)
Manager (Tech.)
महाराष्ट्र राज्य सरकार
विद्युत विभाग
NHAJ PIU JAIPUR

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Project Director
NHAJ PIU
Jaipur

4	Laying of utility services across the NH			Yes
4.1	Whether Existing drainage structures is allowed to carry the utility lines.		Not to be allowed	Yes
4.2	Proposed crossing of utility service	Perpendicular to N.H.	Perpendicular to NH	Yes
4.3	Type of casing pipe/conduit carrying the utility line.	M.S. Pipe	Steel, cast iron, or reinforced cement concrete and have adequate strength	Yes
4.4	Whether ends of the casing/conduit pipe are sealed from the outside	Sealed	Sealed	Yes
4.5	Length of casing/conduit pipe crossing NH.	60 Mtr.	Extend from drain to drain in cuts and toe to toe of slope in the fills	Yes
4.6	Depth of top of the casing/conduit pipe.	1.0 1.2 Mtr. 2.0 mtr	At least 1.2 m below the top of subgrade	Yes
4.7	Crossing method in case of CC pavement.	HDD	Only boring method (HDD)	Yes
4.8	Horizontal and vertical clearances in case utilities are allowed overhead,	N.A.	In accordance with IRC codes.	Yes
5	Document / Drawings enclosed with the proposal			Yes
5.1	Cross-Section showing the size of trench for open trenching method	N.A.	Enclosed, if applicable	Yes
	(a) Trench width		More than 30 cm and less than 60 Cm wider than the outer diameter of the utility pipe	Yes
	(b) Filling of trench		as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/S&R (R) dated 22.11.2016	Yes
	(c) location of trench		extreme edge of the ROW	Yes


 जलविभागीय अभियंता
 जल संचयन, खनिज, विभाग
 नगर विकास कार्य (सं. १०)
 विद्युत नगर जलपुर
 कोटपुर्वा कोड 10/105510



प्रबन्धक (तक.)
 Manager (Tech.)
 नारायण, पकाई, जलपुर
 NHAI PIU

Project Director
 NHAI PIU
 Jaipur

5.2	Cross section showing the size of pit and location of conduit for HDD method	Enclosed	Enclosed, if applicable	Yes
5.3	Strip plan/ Route plan showing utility line, chainage, width of ROW, distance of proposed utility from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Enclosed	Enclosed	Yes
5.4	Plan and profile drawing of stretch showing cross section of road at 20m distance along with ROW and proposed utility	N.A.	Enclosed	Yes
6	Methodology for laying of utility line	Enclosed	Enclosed	Yes
7	Draft License 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 witnesses	Yes Enclosed	Enclosed	Yes
8	License fees in Favor of MoRTH RPAO Jaipur		As per Ministry vide circular no. RE/NH-33044/29/2015/S&(R)dated 22.11.2016	Yes
9	Whether Bank Guarantee has been obtained		As per Ministry vide circular no. RE/NH-33044/29/2015/S&(R)dated 22.11.2016	Yes
	(a) If yes, whether Confirmation of BG has been obtained as per MoRTH/NHAI guidelines			Yes
10	Affidavit / Undertaking from the Applicant for			Yes
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.	Yes Enclosed	Enclosed	Yes
10.2	Undertaking for renewal of Bank Guarantees and when asked by NHAI/ MoRTH	Yes Enclosed	Enclosed	Yes

44/2016
 अधिकांश अनिवार्यता
 ज्ञान पत्र: जमि. विभाग
 नगर पंचायत, जयपुर (जयपुर)
 विभाग नगर जयपुर
 संस्थान कोड 10/105519

Project Director
 NHAI, PIU
 Jaipur



प्रबन्धक (तक.)
 Manager (Tech.)
 नारायण, पकई, जयपुर
 NHAI PIU JAIPUR

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

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 अधिवक्ता अभियंता
 जल संचयन विभाग
 नगर पंचायत जयपुर (उत्तर)
 विद्यालय नगर जयपुर
 फोन नं. 10/199319



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 Project Director
 NHAI PIU
 Jaipur

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 प्रबंधक (तक.)
 Manager (Tech.)
 भारराप्रा. पकई, जयपुर
 NHAI PIU JAIPUR

The Crossing at Delhi Ajmer National Highway available at the proposed location from the center line of divided carriageway is LHS=30M,RHS=30M (from center of ROW to edge of ROW towards proposed utility)The above particulars along with the drawings and documents have been verified and certified as correct as per prevailing site conditions.

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

[Name Designation and signature of concerned field authority of NHAI/PWD/BRO]

Ydndim
अधिकाधिक अनिवार्यता
उपलब्धता अनिवार्यता
नगर नगर नगर नगर
विद्यमान नगर नगर
उत्तराधिकार कोड 10/100019



3
Project Director
NHAI PIU
Jaipur

3
प्रबन्धक (तक.)
Manager (Tech.)
भारतप्रा. पकाई, जयपुर
NHAI PIU JAIPUR

S. No.	Description	Unit	Rate
4.5	Removing & Re-fixing of Precast concrete interlocking blocks by manual, stacking of severcible & un serviceable material separately. disposal of dismantled material lead up to 50 mtr. The C.C. interlocking paving blocks be laid on average 25 mm thick bed of coarse sand and the joints to be filled with fine sand. Laying procedure on compacted sub base as defined. Complete job is to be executed as per the directions of Engineer in charge. The rates to be inclusive of fixing of minimum 70 percent reusable precast concrete interlocking block and cost of required new precast concrete interlocking block, all lead and lift as per general specifications. (Interlocking block manufactured by fully computerized automatic stationery hydraulic vibro pressed machine & full computerized automatic batching plant of class A-1 as per BS:6717-2001. Tensile splitting strength and breaking load as per BS: 6717-2001 Colour: Grey cement natural colour. Variation in Dimension : Less than 1.6 mm Variation in thickness: Less than 3.2 mm)		
4.5.1	a) 60 mm thick.	Sqm.	237.00
4.5.2	b) 80 mm thick.	Sqm.	
4.5.3	c) 100 mm thick	Sqm.	
4.6	Horizontal directional drilling (by trenchless technology) of suitable dia hole below natural ground level in all type of soil and pulling HDPE pipes of dia up to 110 mm , which are available in the form of a coil including excavation, shoring/ strutting, preparation. maintain the thrust and including excavation and refilling of drive pit and exit pit as per technical specification and scope of work.	RMT	296.00
4.7	Supply laying and pushing of MS casing pipe of specified thickness approved by concerned department authority by trenchless method adopting any suitable technology below ground at required depth under running traffic condition as per Highway/ Railway standard including carrying out survey work at the job site for determining underground cable trenches like telephone, cable, water & sanitary lines and resistivity test for finding the soil strata using necessary equipments for completion of works. mobilizing of machineries and specialized crew at the job site complete in all respect. including excavation of driven pit and exit pit (up to 3 meter depth) with proper protection at these sites with shoring sheets and ISMB. Providing MS cutting edges for front shield and constructing thrust bed at designated level. Necessary dewatering and providing concrete foundation at the base of the driven pit. PVC/Rubber saddle as per the requirement of Highway/Railway authority, crane for handing of pipe and any other machinery, tools, and tackles required, construction of temporary works as per design, drawing and method as per approved by authority specification and the direction of the Engineer. Apply corrosion. resistant, protection on inside and outside of casing pipe as per technical specification.		



S. No.	Description	Unit	Rate
1.7.1	300 mm Dia 8 mm thick casing pipe with protective coating.	RMT	15215.00
1.7.2	400 mm Dia 8 mm thick casing pipe with protective coating.	RMT	17189.00
1.7.3	500 mm Dia 8 mm thick casing pipe with protective coating.	RMT	19142.00
1.7.4	600 mm Dia 10 mm thick casing pipe with protective coating.	RMT	24143.00
1.7.5	700 mm Dia 10 mm thick casing pipe with protective coating.	RMT	26583.00

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 नमिर्वा, नमिर्वा, नमिर्वा 10/10/2019



CROSS-SECTION OF PIPE LINE

