



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

क्षेत्रीय कार्यालय, उ०प्र० (पूर्व) वाराणसी

Regional Office - U.P. (East), Varanasi

एत- 2/656, ए-3 बी, वरुणा विहार कॉलोनी, द्वितीय एवं तृतीय तल, वन प्लेस टावर  
(जे०पी० मेहता सीनियर सेकेंडरी स्कूल के पीछे), सिकरौल, वाराणसी-221002 (उ०प्र०)

S-2/656, A-3B, Varuna Vihar Colony, 2nd & 3rd floor, one place Tower  
(Behind J.P. Mehta Sr. Secondary School), Sikraul, Varanasi-221002 (U.P.)

दूरभाष / Phone : 91-542-2280243

: 91-542-2280372

ई-मेल/E-mail : rovaranasi1@gmail.com

: rolucknow@nhai.org

वेबसाइट/Website: www.nhai.org

No. 14011/42/RO/UP(E)/2020/3260

Date: 28.09.2020

### Invitation of public comments

Sub.: Proposal for permission to lay optical fiber cable from Lucknow to Sultanpur, km 18.400 to km 22.400 along Shaheed Path, Total section length of 4.00 km in the state of Uttar Pradesh

Authorized Signatory, M/s Jio Digital Fiber Pvt Ltd, Lucknow has submitted the subject proposal through PIU-Lucknow letter no. 1276, dated 28.08.2020, for permission for underground laying of optical fiber cable from km 18.400 to km 22.400 (Total 4.00 km) along Shaheed Path through trenchless method.

2. From the submitted proposal, it is noted that the utility (optical fiber cable, 80mm) is proposed to be laid from km 18.400 to km 22.400 (Total 4.00 km) along Shaheed Path through trenchless (HDD) method. The width of ROW at these locations is 25-30 M. From the drawing, it is noted that laying of cable shall be done at minimum 1.2 m below from the top of sub-grade level.

3. As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, 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).

4. In view of the above, comments of the public on the above application is invited to the below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

The Chief General Manager cum Regional Officer,  
National Highways Authority of India  
Regional Office, UP-East, Varanasi  
S-2/656, A-3B, Varuna Vihar Colony,  
2nd & 3rd Floor, One Place Tower,  
Behind J.P. Mehta Sr. Secondary School,  
Sikraul, Varanasi-221002

This issue with the concurrence of CGM (Tech.)/RO

Encl: As above

(C.M.Dwivedi)  
General Manager (Tech.)

Copy to:

- Web Admin, NHAI-HQ- with request for uploading on the NHAI website
- The Technical Director, NIC, Transport Bhawan, New Delhi - with request for uploading on the Ministry's website.
- The RPAO (NH), Ministry of Road Transport & Highways, Hall No.1, 7th Floor, Kendriya Bhawan, Aliganj, Lucknow - 226024: Applicant has submitted the License Fee amounting Rs. 21,62,667/- through Bharat Kosh Portal vide Challan no. 23504013082000005830 (copy enclosed). It is requested to confirm the remittance of said fee in central Govt. Account & may please be intimated to this office.
- Authorized Signatory, M/s Jio Digital Fiber Pvt Ltd, Lucknow - for information please

(v) The Project Director, NHAI, PIU-Lucknow- for information please.

मुख्यालय : प्लॉट नं० जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075, दूरभाष : 91-11-25074100/200

Head Office : Plot No. G-5 & 6, Sector - 10, Dwarka, New Delhi - 110 075 Phone : 91-11-25074100/200

# JIO DIGITAL FIBRE PRIVATE LIMITED

CIN: U64200GJ2018PTC105652

Ref: - RJIL/OFC /INTRCITY/shaheed path /NHA/04

Date: 02-12-2019

To,

The, Project Director,

National Highways Authority of India,

Vineet Khand, Gomti Nagar

Lucknow, UP.

Subject: Permission to lay optical fiber cable from Lucknow to Sultanpur Km/s 18.400 to Km/s 22.400 along shaheed path. Total section length ROW applied for 4.00 Km in state of Uttar Pradesh.

Dear Sir,

We are planning to lay optical fiber cable through duct adopting various methodology like HDD, Open trench, Clamping and other suitable method as required on the ground in the Municipal area to construct a Fiber optic backbone link.

The work will be carried out as per laid down standards, Policies and Guidelines of the Authority for laying the OFC Cable.

We are enclosing herewith the requisite documents for the permissions to lay the Optical Fiber Cable along with Route Diagram and copy of IP-1 Registration Certificate.

You are requested to kindly grant us the permission at the earliest.

Yours Sincerely,



Enclosures : Route Diagram, Copy of IP-1 Registration Certificate, Certificate for Change of Company Name

*Brijendra ji*  
*seek comments of IE*  
*and concessionaire*  
*9/12/19*

*Josh*

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
प्रमुख कार्यालय इंदौर-तबाना (स.प्र.)  
प्राति सं० 4784  
दिनांक 04/12/19  
जो का हेतु अग्रसरित

प्रबन्धक (स.प्र.)	
स.प्र. (स.प्र.)	
स.प्र. (वि.)	
सं० सेवा अधिकारी	
वै. सहायक-1	
वै. सहायक-2	
नू. अर्जन विभाग	
फाइल	

Office Address:- 2<sup>nd</sup> Floor Rotas K-s Trident Building 10, Rana Pratap Marg Lucknow

Registered Office: Office - 101, Saffron, Nr. Centre Point, Panchwati 5 Rasta, Ambawadi, Ahmedabad-380006, Gujarat, India.

Tel no: 079-35600100

## Laying Of Underground Cables Along The National Highway

### DETAILS REGARDING UNDERGROUND CABLE LAYING

1.
  - (i) Name of company asking for Permission : **Jio Digital Fiber Private Ltd**
  - (ii) Full Address (Registered)  
Corporate Address : **2<sup>nd</sup> Floor K-s Trident Building ,  
10 Rana Pratap Marg Lucknow**
  - (iii) Details & purpose for laying the cable : **Broadband Wireless Access (BWA) &  
related Data Services**
  - (iv) Any other details regarding laying
    - (a) Distance of proposed site from : **30-28 mtrs from centre of road along the center of the  
road at the from Km/s-18.400 to Km/s-22.400 from Total  
section length ROW applied for 4.00 Km in state of Uttar  
Pradesh.  
Extreme edge within the road at extreme edge of Road  
boundary**
    - (b) Whether it is possible to lay the proposed:  
lines or not, reasons : **Yes, the proposed cable is to be laid at depth of 1.65  
meters, which is far below any existing line.**
2. Details regarding road alignment where UG is to be laid along the road
  - (i) Name of Road : **Shaheed Path  
from Km/s- 18.400 to Km/s- 22.400 Total section length ROW applied  
for 4.00 Km in state of Uttar Pradesh.  
Extreme edge within the road**
  - ii) Category of road ( to be ascertained from Lucknow Km/s- 18.400 to Km/s- 22.400 Total section length ROW applied for 4.00 Km in state  
of Uttar Pradesh. Extreme edge within the road from K.M. stone on road side
  - (iii) Width of the road :
    - (a) Formation width measured : **Meters**  
from earthen bank
    - (b) Black top road carriage-way width : **Meter each carriage width**
    - (c) Road boundary : **Meters**
    - (d) Location of cable laying along : **Km/s- 18.400 to Km/s- 22.400 Total section length ROW Total section  
length ROW applied for 4.00 Km in state of Uttar Pradesh..**

Along the roadside to be mentioned or at extreme edge of Road boundary



3. Details to be supplied on lay out drawings : 4 sets of proposed route drawings are Enclosed.

4. GEOGRAPHICS OF THE CABLE ROUTE

- (a) Dimension of the cable trench : Width 0.45 meter and Depth 1.65 meter
- (b) Dimension of Cable/HDPE/ protection pipe. : 40 mm (outer dia)
- (c) Size of Optical Fiber Telecom Transmission cable. : Light weight 48F Optical Fibre Cable of Outer dia of 18 mm.
- (e) Right of way : Vested with the NHAI, the proposed cable will be laid within the road boundary of Shaheed path

5. (i) This is to certify that no Govt. Road land shall be occupied by RJIL except for the purpose of laying of UG cables.
- (ii) This is to certify that the work shall be in accordance with the Govt. Rules and regulations in force from time to time and binding to RJIL
- (iii) This is to certify that all required Cost and fees as per rules and regulation of the Govt. will be deposited timely.

Date :02-Dec-19

Place :Lucknow

Encl.: Route marked on Map

For Jio Digital fiber Pvt Ltd

Authorised Signatory



## **CHECK-LIST**

**Guidelines for Project Directors for processing the proposal of laying optical fiber cable by private parties in the land along National Highways vested with NHAI.**

### **Relevant circulars**

1. Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.09.2000
2. NHAI's circular No. NHAI/OEC/2k/Vol II dated 7.11.2000, which includes the comprehensives guideline and draft license agreement for laying of OFC cable by private party in the land along National Highway vested with NHAI.
3. Ministry's circular No. RW/NH-333044/27/2000-S&R (R) date 21.03.2006. It is regarding the modification of previous Ministry's circular enhancing the amount of Performance Bank Guarantee @ Rs. 50/- per route meter in place of earlier rate of Rs. 25/- per route meter.

### **Check list for getting approval for laying of optical fiber cables on NH land**

S. No.	Item	Information/Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	Jio Digital Fiber Private Ltd	
1.2	National Highway Number	Shaheed Path ,Lucknow	
1.3	State	Uttar Pradesh	
1.4	Location	Shaheed path	
1.5	(Chainage in km)	From Km/s 18.400 to km/s 22.400 total route length 4.00 Km	
1.6	Length in Meters	4000 Mtrs.	

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TEAM LEADER

By Manager  
NHAI, PIU, Lucknow



GM (T) / Project Director  
NHAI, PIU, Lucknow

1.7	Width of available ROW	30	
	(a) Left side from center line towards increasing chainage/km direction	As per Drawings attached	
	(b) Right side from center line towards increasing chainage/km direction	As per Drawings attached	
1.8	Proposal to lay the cable		
	(a) Left side from center line towards increasing chainage/km direction		
	(b) Right side from center line towards increasing chainage/km direction	As per Drawings attached	
1.9	Proposal to acquire land		
	(a) Left side form center line		
	(b) Right side from center line		
1.10	Whether proposal is in the same side where land is not to be acquired	As per Drawings attached	
	If not then where to lay the cable	In existing ROW	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of lanes (2/4 / 6/8 lanes) existing	2	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	4 Laining work	
1.14	Service road existing or not	YES	
	If yes then which side	NA	
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service Road	NA	
	(a) Left side from center Line		
	(b) Right side from center line		
1.16	Whether proposal to lay cable is after the service road or between the service road and main	NA	

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Dy Manager (Tech)  
NHAI, PIU, Lucknow



GM (T) / Project Director  
NHAI, PIU, Lucknow

	carriageway		
1.17	The permission for laying OFC shall be considered for approval/rejection		
	(i) Where the ROW is more than 45 m then the duct cable shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening.	NA	
	(ii) where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4-laning.	YES	
	(iii) Where the widening plan for 4-laning is not yet decided and available ROW is around 30m or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5m to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans.		
	(iv) Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain.		
	(v) Where land strip for utility corridor cannot be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.		
1.18	No. of applicants on the same stretch		
1.19	Whether the case of multiple licenses	No	
1.20	If so furnish a joint implementation programmer		

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Dy Manager (Tech)  
NHAI, PIU, Lucknow



GM(T)/Project Director  
NHAI, PIU, Lucknow

	to lay their respective ducts within stipulated time frame.		
1.21	If crossings of the road involved  If Yes it shall only be through trench-less technology	Yes it will be done by trench less technology	
2.	Document/Drawings enclosed with the proposal	YES	
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.65m deep x 0.5m wide)  Should not be greater than 1.2m in width in multiple ducts.	Yes Standard Size	
2.2	Cross section showing the size of pit and location of cable for HDD method	Yes Attached	
2.3	Strip plan/Route Plan showing the OFC, Chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Yes Attached	
2.4	Methodology for laying of OFC		
2.4.1	Open trenching method. If yes, Methodology of refilling of trench	NO	
2.4.2	Horizontal Directional Drilling (HDD) Method		
2.4.3	Laying OFC Through CD Works And Method Of Laying (Whether to be hung outside parapet)	To be hang outside parapet	
3.	Draft license Agreement signed by two witnesses	Yes	
4.	Performance Bank Guarantee		
4.2	Confirmation of BG has been obtained as per NHAI guidelines	BG shall be submitted as per NHAI Guidelines	
5	<b>Affidavit/ Undertaking from the Applicant for</b>		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the	Yes ; Enclosed	

For SA INFRASTRUCTURE CONSULTANTS PVT. LTD.

*Sm*  
TEAM LEADER

*for*  
  
Dy Manager, (Tech)  
NHAI, PIU, Lucknow

*g*  
GM (Tech) Assistant Director  
NHAI, PIU, Lucknow

	concerned agency.		
5.2	Renewal of Bank Guarantee	Yes ; Enclosed	
5.3	Confirming all standard condition of NHAI's guideline	Yes ; Enclosed	
5.4	Shifting of OFC as and when required by NHAI	Yes ; Enclosed	
5.5	Shifting due to 6 lanning / widening of NH	Yes ; Enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes ; Enclosed	
5.7	Traffic movement during laying of OFC to be managed by the applicant	Yes ; Enclosed	
5.8	If any claim is raised by the Concessionaries then the same has to be paid by the applicant	Yes ; Enclosed	
5.9	Certificate for 6-lanning from the applicant in following format  "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six-lanning or any other development."	Yes ; Enclosed	
6.	Power of Attorney in favor of authorized signatory	Yes ; Enclosed	
7.	Copy of DOT license	Yes ; Enclosed	
8.	Certificate from the Project Director	Yes	
8.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/17/2000-S&R dated 29.9.2000 and NHAI's guidelines issued vide No. NHAI/OEC/2k/Vol II dated 7.11.2000 and Ministry's Circular No. RW/NH-33044/27/2000-S&R dated 21.3.2006.	Yes	
8.2	Certificate for 4-lanning from PD in the	Yes	

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Dy Manager (Tech)  
NHAI, PIU, Lucknow




GM(T)/Project Director  
NHAI, PIU, Lucknow

	following format.		
	<p>(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning 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 six-laning".</p>		
9.	The agreement fee of Rs. 1 shall be charged	Yes	
10.	If NH section proposed to be taken up by NHAI on BOT basis - a clause in para 17 to be inserted in the agreement. <i>"The permitted Highway on which Licensee has been granted the right to lay cable/duct has also ben granted as a right of way to the concessionaire under the concession agreement for up=gradation of [..... section from Km ----- to km ----- of NMH No.- ----- on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."</i>		
11.	Who will supervise the work of laying of OFC	Jio Digital Fiber Private ltd	
12.	Who will ensure that the defects in road portion after laying of OFC are corrected and if not corrected then what action will be taken.	Jio Digital Fiber Private ltd	
13.	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	Jio Digital Fiber Private ltd	
14.	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed) issued vide Ministry Circular No. RW/NH/33044/17/2000/S&R dated 23.7.2003.	Yes	
15.	If any previous approval is accorded for laying of cable then Photocopy of register of records of permissions accorded as maintained by PD (as		

POISA INFRASTRUCTURE CONSULTANTS PVT. LTD.  
  
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Dy Manager (Tech)  
NHAI, P.U. Lucknow



  
GM (T) / Project Director  
NHAI, P.U. Lucknow

	per Ministry Circular No. RW/NH/33044/17/2000/S&R dated 23.7.2003) as referred in para 13 above is enclosed or not.		
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For Jio Digital Fiber Private Ltd.

Su  
T.L  
STRUCTURE CONSULTANTS PVT. LTD

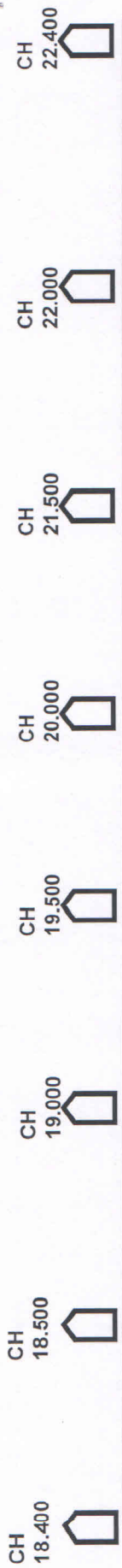
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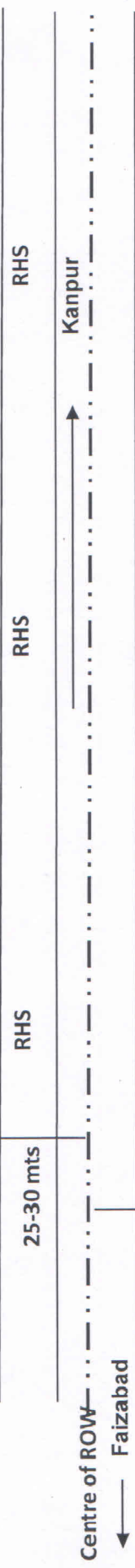
Authorised Signatory

GM (T) / Project Director  
NHAI, PIU, Lucknow

Dy Manager (Tech)  
NHAI, PIU, Lucknow



Proposed Jio Digital Fibre Pvt. Ltd. OFC



25-30 mts

M

Shaheed Path

ROW

Name of Route	Shaheed Path
Proposed Route	- - - - -
Laying of OFC from Chainage 18.400 to Chainage 22.400 along with Sahaeed path	
Total Scope :- 4.00 KM	



GM (T)/Project Director  
NHAI/PIU, Lucknow

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