



## Government of India

Ministry of Road Transport & Highways

Office of the Chief Engineer-Regional Officer

PWD Annexe Building, KR Circle, Bangalore-560 001

Email: [robengaluru@gmail.com](mailto:robengaluru@gmail.com); Telephone: 080-22217457, 080-22105765 (F)

No.RW/BNG/PER.CASES/HSN.DVN/2015

Dated: 06.02.2020

**Notice Inviting Public Comments on laying of OFC cable from Km 86.200 to Km 96.500 on LHS, Km 96.500 to 98.00 on RHS and Km 98.00 to 99.00 on LHS for a total length of 12.80 km by over head cable method / HDD method and 2 nos. road crossing at km 96.500 & Km 98.00 by HDD method.**

Reference: The Chief Engineer, NH, Bengaluru letter No. CNH/TA3/AE2/NH-73(234) OFC/NOC/86.20-96.50/2019-20/4931 dated 21.01.2020.

The Chief Engineer, NH, Bengaluru vide letter cited under reference above, has submitted a proposal seeking permission for laying of OFC cable from Km 86.200 to Km 96.500 on LHS, Km 96.500 to 98.00 on RHS and Km 98.00 to 99.00 on LHS for a total length of 12.80 km by over head cable method / HDD method and 2 nos. road crossing at km 96.500 & Km 98.00 by HDD method. The proposal has been examined as per Ministry's Guidelines vide letter no.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and is generally found in order.

2. In view of above, as per Ministry's said guidelines Para 4, public comments are invited on the above proposal making claims and raising objections (on grounds of public inconvenience, safety and general public interest) if any within 30 days on public portal i.e., website of Ministry of Road Transport and Highways ([morth.nic.in](http://morth.nic.in)) in Form-A (copy enclosed) for "Accommodation of Public and Industrial Utility Services along and across National Highways".

### Comment Inviting Authority

The Chief Engineer-Regional Officer

Ministry of Road Transport & Highways

PWD Annexe Building, GF, KR Circle, Bangalore-560 001

Email: [robengaluru@gmail.com](mailto:robengaluru@gmail.com); Telephone: 080-22217457, 080-22105765 (F)


  
(S.Sadananda Babu)

Superintending Engineer

For Chief Engineer - Regional Officer

Enclosed: As above.

- Copy to : (i) Senior Technical Director, NIC, Transport Bhawan, New Delhi- 110001 for uploading on Ministry's website.  
(ii) The Executive Engineer, NH Division, Hassan for information.  
(iii) M/s. Telesonic Networks Ltd., No. 55, Divyashree Towers, Bannerghatta Road, Bangalore - 560029 for information.

  
(S.Sadananda Babu)  
Superintending Engineer  
For Chief Engineer - Regional Officer



# Annexure I

Phone No.22276601

Fax No.080-22276605

cenhpwd@yahoo.co.in

## GOVERNMENT OF KARNATAKA

(Public Works Ports and Inland water Transport Department)

No: CNH/TA3/ AE2/ NH-73(234) OFC/NOC/86.20-96.50/ 2019-20

Office of the Chief Engineer,  
National Highways, KR Circle,  
Bangalore, Dated:

121 JAN 2020

To,  
The Chief Engineer & Regional Officer,  
MORT&H,  
Bangalore  
Sir,

**Sub:** Proposal for ROW for laying of OFC cable from Km 86.200 to 96.500(LHS), from Km 96.500 to 98.000(RHS) and Km 98.000 to 99.000 (LHS) for a total length of 12.80 Km and 2 Nos of road crossing at Km 96.500 and Km 98.000 of NH-73 (Old No.234) Mangalore-Tumkur section in the State of Karnataka - Telescopic Networks Limited proposal-reg

**Ref:** The SE, NH Circle, Bangalore letter No: 3186-87 dated: 20-01-2020.

\*\*\*\*\*

In the letter under reference Proposal for granting permission to ROW for laying of OFC cable from Km 86.200 to 96.500(LHS), from Km 96.500 to 98.000(RHS) and Km 98.000 to 99.000 (LHS) for a total length of 12.80 Km and 2 Nos of road crossing at Km 96.500 and Km 98.000 of NH-73 (Old No.234) Mangalore-Tumkur section in the State of Karnataka - Telescopic Networks Limited proposal" was received in this office for approval.

The proposals is recommended with the following conditions and requested to give concurrence to the proposal for laying OFC.

1. While laying OFC cable the guide lines issued by the Ministry vide letter No.RW/NH-33044/29/2015/S&R(R) Dated 22.11.2016 should be strictly followed.
2. Road safety measures are to be taken up as per IRC Codal provisions.
3. The applicant has to furnish the License deed duly signing the agreement for the use of NH land as per Ministry's Guidelines along with the required Bank Guarantee/Performance Guarantee.
4. OFC Cables shall be laid at the extreme edge of R.O.W and not less than 15mtrs from the centre line of the highway to a depth not less than 1.65mtrs from road surface/ ground level.

O/o. THE CE-RO  
MORT&H, BENGALURU

Diary No.: 4993

Date: 21/01/2020

5. The OFC cable line will have to be shifted by the applicant without any claim without damaging National Highway property in case the road is widened or reconstructed (Furnished Undertaking).
6. This department is not responsible for any damages, which are likely to occur to the OFC cable line caused during maintenance or any other nature of works to be carried out in National Highway land.
7. While passing the OFC cable along the bridges if any it should be taken outside the parapet below the deck slab with casing pipes with proper anchorage system.
8. It is the sole responsibility of the applicant to take all preventive measures to avoid likely damages to the existing cables, water supply pipe lines etc., This department is not responsible for any consequences in this matter.
9. OFC shall be provided with clamps outside the CDs.
10. There shall not be any damages to the NH asphalted surface, KM stones, and Guard stones, parapet of culvert, Handrails of bridges, Sign Boards etc. and the road should be **crossed with the trench less technology (by HDD)** without disturbing the road strata.
11. Any Damages to the shoulder drain and longitudinal drains shall be rectified immediately.
12. The undertaking to take up the restoration work from their end under supervision of NH Officials as per the NH Specifications has to be submitted.
13. The Dept. shall not be responsible to the damages if any caused to OFC while widening the road and excavating the road side drains
14. Precautionary measures may be taken for the free flow of traffic and prior intimation to the National Highway Department may be communicated before commencement of work.
15. In future if the road augmentation arises, the utilities have to be shifted on their own cost.
16. If the Highway Authority 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 Highway Authority at the cost of the agency owing the utility line within a reasonable time of the intimation given.
17. The laid cable has to be shifted if necessary as per the requirement of NH Authorities at the risk and cost of the user by the M/s Reliance Jio Limited Proposal within 15 days of the intimation to shift the cable from the National Highway Department. Undertaking to this effect shall be obtained by them before communicating NOC to the concerned.
18. Trenching should not be done during monsoon.
19. The trenches to be opened for a short length of 200 mtrs, the cable should be laid and refilled properly immediately and then only further trenching will be allowed. The refilled trenches are to be compacted properly with plate compactor or rollers to the original density.
20. The approval may be communicated from NH point of view.

21. Earth-slip if observed during the trenching, by the side of the formation or hillock side immediate action to be taken for a restoration.
22. **The necessary permission from forest department may be obtained by the applicant at the time of execution.**
23. The user has to pay the request license fee as per conditions laid down in the Ministry Circular letter No.RW NH-33044/29/2015/S&R(R) dated:22-11-2016 and further issued by the State Government in the letter No.PWD 163 CNH 2013 dt.07.09.2013 Further the license shall be subjected to fulfillment of the following other conditions.
  - i. No license shall claim exclusive right on the right of way and any subsequent user will be permitted to use the right of way, either above or below, or by the side of the utilities laid by the first user, subject to technical requirement being fulfilled. Whether the technical requirements are fulfilled or not, shall be decided by Highway Administration / Government in their sole discretion. In case of any disruption / damaged caused to any existing user by the subsequent user, the Government would not be accountable & liable in any manner whatsoever.
  - ii. No use of NH ROW will be permitted for any purpose other than that specified in the license deed.
  - iii. The license shall have to provide the safety measure like control panels which can prevent Electrical Fire accidents.
  - iv. Grant of license / permission is subject to the license / users satisfying (a) minimum disruption of traffic and (b) no damage to the Highways.
  - v. In case of any accidents / Human loss caused due to the passing transmission line it would be the responsibility of Telescopic Networks Limited proposal for all the consequences arising in the matter.
  - vi. If any objection rised during the exectuon of the work it has to be complied by the Telescopic Networks Limited proposal.
23. The necessary fee may be paid to the department by the applicant as per the Ministry Circular is calculated as per formula mentioned below(Calculation sheets enclosed).

Utilized NH land area = Outer diameter / width of the concerned utility line x length

License Fee (Rs/Sqm/Month)

$$= (\text{Utilized NH land area} \times \text{prevailing circle rate of land per unit area}) / (10 \times 12)$$

For Public Utility 33% of Industrial Utilities as per No.RW/NH-33044 / 29 / 2015/S&R(R) dated:22.11.2016

License Fees for 5 years =  $1581.47 \times 5 \times 12 = \text{Rs.} 94888.45$  / Public Utility 33% of Industrial Utilities as per No.RW/NH-33044/29/2015/S&R(R) dated:22.11.2016 = Rs. 31313.19/-

Total License Fee for initial 5 years for the above works is Rs. 31314.00

The details of Bank Guarantee as under :

The Performance Bank Guarantee @ Rs.100/- per meter length with a validity for one year i.e.  $\leq 300\text{mm}$  dia/width =  $12800.00 \times \text{Rs.} 100/- = \text{Rs.} 12,80,000/-$  plus two crossing each Rs.1,00,000.00

**Total Bank Guarantee to be submitted is: Rs.14,80,000/-**


**Total DD for Road license fee: Rs 31,314/-**

With the above conditions the proposal along with check list and necessary documents and drawings are enclosed here with and forwarded with a request to communicate approval to issue NOC.

Encl: As above.

Yours faithfully,

Draft Approved by CE

  
Chief Engineer,  
National Highways, Bangalore.

## FORM A

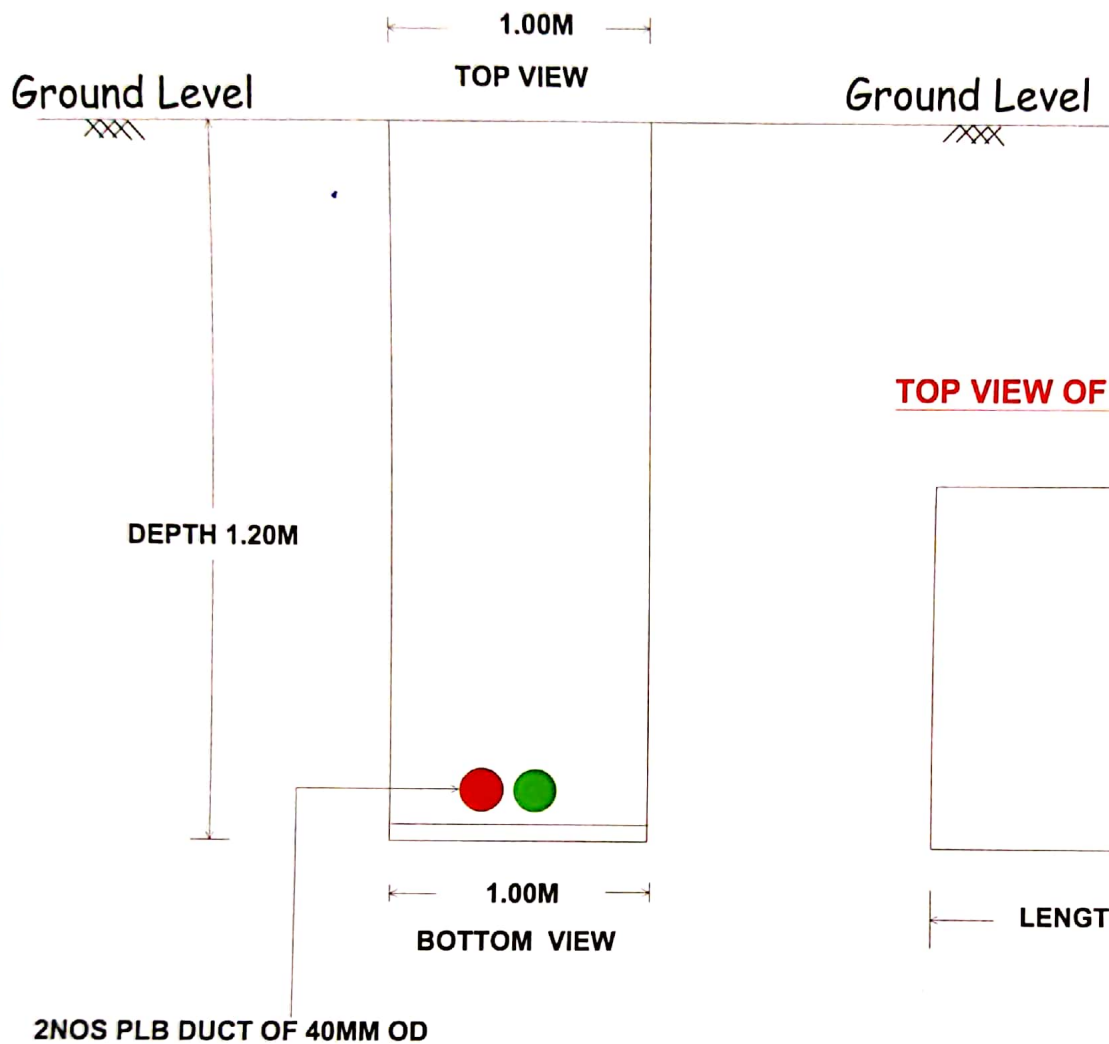
Form for seeking claims and objections (on grounds of public inconvenience, safety and general public interest) on the application for Accommodation of Public and Industrial Utility Services along and across National Highways.

Subject: Permission for laying of OFC cable from Km 86.200 to Km 96.500 on LHS, Km 96.500 to 98.00 on RHS and Km 98.00 to 99.00 on LHS for a total length of 12.80 km by over head cable method / HDD method and 2 nos. road crossing at km 96.500 & Km 98.00 by HDD method - Regd.

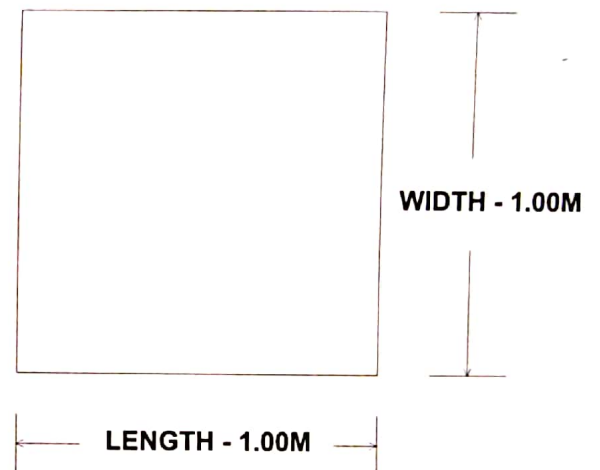
The claims and objections (on grounds of public inconvenience, safety and general public interest) by the general public needs to be given within 30 days of uploading the online application for comments.

Sl. No	Item	Details
1	Name of the person who is desiring to give claims and objections (on grounds of public inconvenience, safety and general public interest)	
2	Address of the person	
3	Details of the application for Accommodation of Public and Industrial Utility Services along and across National Highways against which claims and objections are being given (name of applicant and other details like site address etc.)	
	i) Application No.	
	ii) Name of applicant ( who applied to Accommodation of Public and Industrial Utility Services along and across National Highways)	
	iii) Details of Application	
4	The claims and objections (on grounds of public inconvenience, safety and general public interest)	

## CROSS SECTION OF HDD ENTRY & EXIT PITS



## TOP VIEW OF HDD ENTRY & EXIT PITS



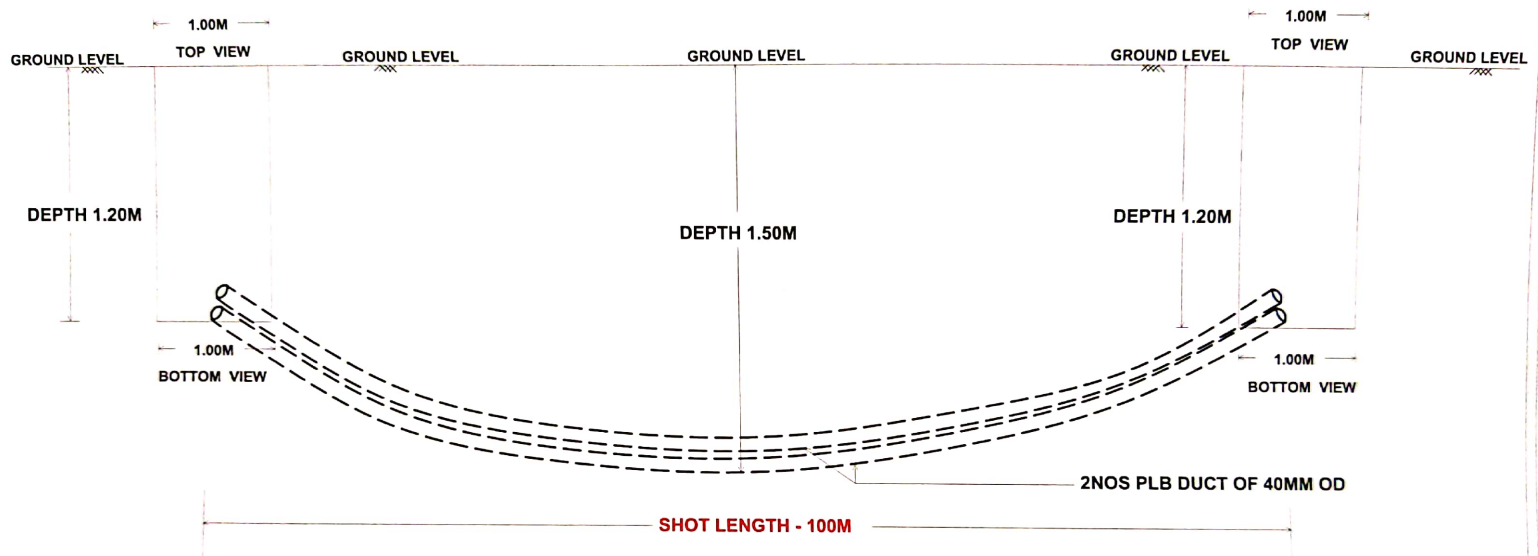
*[Signature]*

Authorised Signatory  
Telesonic Networks Limited  
No. 55, Divyashree Towers  
Bannerghatta Road,  
Bangalore - 560 029.

## CROSS SECTION OF HDD PATH

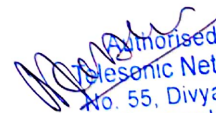
### CROSS SECTION OF HDD ENTRY & EXIT PITS

### CROSS SECTION OF HDD ENTRY & EXIT PITS



### CROSS SECTION OF HORIZONTAL DIRECTIONAL DRILLING

The HDD has been carried out in built up areas and for all the major/asphalted road crossing in the en route. HDD test pits of dimension 1m X 1m X 1.65m (Length x width x depth) will be taken on either side of the road crossings/ on the asphalted road in built up areas. Then an Horizontal bore of 150/280mm diameter has been drilled from one pit to the other by HDD Machine. Then the PLB pipes are inserted and pulled in the HDD bore path connecting to the test pits. Finally the test pits were closed after coupling the PLB pipes on either side. Some of the HDD test pits will be converted in to RCC/FRP manhole chamber at every 1.8km to 2km length appxly. The RCC/FRP chamber dimension is 1.2m x 1.0m x 1.2m (Length x width x depth) for further maintenance of the OFC route.

  
 Authorised Signatory  
 Mesonic Networks Limited  
 No. 55, Divyashree Towers  
 Bannerghatta Road,  
 Bangalore - 560 029.