



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८. आंध्र प्रदेश

Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

टेली / Tele : 0866-2483910

ई-मेल / E-mail : rovijayawada@nhai.org  
nhairovja@gmail.com



भारतमाला  
प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

Ref : NHAI/RO-VJA/C-V/2017-18/573

Date : 08-03-2019

To

The Sr. Technical Director,  
NIC, Transport Bhawan,  
New Delhi- 110001.

Sub: 6-laning of Chilakaluripet to Vijayawada section of NH-16 - Permission requested M/s. Reliance Jio Infocom Ltd., - Permission for laying Optical Fibre Cable (OFC) from Km. 397/100 to Km.400/700 in Guntur District Andhra Pradesh for a length of 3600mts along Chilakaluripet - Vijayawada section of NH-16 by M/s. Reliance Jio Infocom Ltd., Guntur - Public comments - Reg.


Sir,

Please find enclosed herewith a proposal of M/s. Reliance Jio Infocom Ltd., seeking NOC for laying of Optical Fiber Cable from Km. 397/100 to Km.400/700 in Guntur District Andhra Pradesh for a length of 3600mts.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22<sup>nd</sup> November 2016, the application along with the recommendation of PD, PIU - Amaravathi are enclosed herewith with a request to host the same in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest), for taking further necessary action.

Yours faithfully,

Encl: As above

  
(Anil Dixit),  
Regional Officer  
RO - Vijayawada

Copy to: 1) PD, PIU - Amaravathi - for information  
2) M/s. Reliance Jio Infocomm Ltd., Guntur - for information



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

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कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क्र.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८. आंध्र प्रदेश  
Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

टेली / Tele : 0866-2483910  
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भारतमाला  
प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

Ref : NHAI/RO-VJA/C-V/2017-18/ 573

Date : 08-03-2019

### INVITATION OF PUBLIC COMMENTS


Sub: 6-laning of Chilakaluripet to Vijayawada section of NH-16 - Permission requested M/s. Reliance Jio Infocom Ltd., - Permission for laying Optical Fibre Cable (OFC) from Km. 397/100 to Km.400/700 in Guntur District Andhra Pradesh for a length of 3600mts along Chilakaluripet - Vijayawada section of NH-16 by M/s. Reliance Jio Infocom Ltd., Guntur - Public comments - Reg.

The Project Director, PIU - Amaravathi submitted a proposal of M/s. Reliance Jio Infocom Ltd., seeking NOC for laying of Optical Fiber Cable from Km. 397/100 to Km.400/700 in Guntur District Andhra Pradesh for a length of 3600mts.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22<sup>nd</sup> November 2016, the Highway Administration will put out the application in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

In view of the above, the comments of public, if any, on the above mentioned proposal is invited on below mentioned address.

Regional Officer - Vijayawada,  
National Highways Authority of India,  
Plot No.21, Teachers' Colony, Gurunanak Nagar Road,  
Vijayawada, Andhra Pradesh. Pin: 520 008.  
Email: [rovijayawada@nhai.org](mailto:rovijayawada@nhai.org)

  
(Anil Dixit),  
Regional Officer





## National Highways Authority of India

Project Implementation Unit, Amaravati, AP

Door No. 136/A, 106 & 107, 1st Floor, Vasantha Residency,  
Sri Lakshmi Narasimha Colony, MANGALAGIRI - 522 503.  
Guntur District, Andhra Pradesh

### भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

परियोजना कार्यान्वयन ईकाई, अमरावती, आंध्रप्र.

टेली / Tele : 08645 - 234599  
ई-मेल / E-mail : piuamaravati@nhai.org  
nhai@piuamaravati@gmail.com



भारतमाला

प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

NHA/PIU-Amaravati/11013/13(OFC)/2016/Vol.1 / 64

24<sup>th</sup> January, 2019

To  
The Regional Officer,  
National Highways Authority of India,  
21, Teachers' Colony,  
Gurunanak Nagar Road,  
Vijayawada - 520 008.

Sir,

Sub: NHA, PIU-Amaravati - 6 laning of Chilakaluripet - Vijayawada section of NH-16 - M/s. Reliance Jio Infocom Ltd., - Permission for laying Optical Fibre Cable (OFC) from Km. 397/100 to Km.400/700 in Guntur District Andhra Pradesh for a length of 3600mts along Chilakaluripet - Vijayawada section of NH-16 - Reg.

\*\*\*\*\*

It is to inform that M/s Reliance Jio Infocom Ltd., letter no. RJIL/OFC/ROW/INTRACITY /MCN/AP/NH-16/GUNTUR-VIJAYAWADA/2018/3952 dated 29.09.2018 requested permission to lay OF Cables from Km. 397/100 to Km.400/700 for a length of 3600mts along Chilakaluripet - Vijayawada section of NH-16 in Guntur District, Andhra Pradesh.

PIU, vide letter no. NHA/PIU-Amaravati/11013/13(OFC)/2016/Vol.1/924 dated 01.11.2018 forwarded the proposal to IE, M/s Aarvee Associates requesting to examine the proposal as per MoRTH guidelines and furnish necessary comments/ recommendations.

IE, M/s Aarvee Associates vide letter no. AA/OM/1956/VJA/NHA/Permissions/18-19/833 dated 16.11.2018 submitted as follows:

1. The applicant has submitted:

- (i). Checklist
- (ii). Undertaking for submission of Performance Bank Guarantee @ Rs.100/- per route meter
- (iii). Undertaking for Shifting / Relocation of O.F. Cable (as per Sl.No.5 of Check list)
- (iv). Undertaking for no damages in carrying out works
- (v). Draft license agreement regarding granting of ROW permission for laying telecom cable / O.F. Cable / ducts.
- (vi). Indemnity Bond.
- (vii). Undertaking to carryout HDD works

Contd..2

V. J. J. J.

#2#

- (viii). License Fee estimate for laying optical Fibre cable on NH-16 with supporting docs.
2. As per the plan submitted, the applicant has proposed to lay the optical Fiber Cable with single line by Horizontal Directional Drilling (HDD) method in ROW within 2m utility corridor and will be straight along highway from Km.397+100 to Km.400+700 on LHS.
  3. Applicant submitted the typical cross sections of Optical Fiber Cable along and across the highway for HDD with methodology.

While submitting the above IE recommended for approval of Competent Authority for laying OF cable as requested by the applicant.

In light of the above, the proposal of laying Optical Fibre Cable from Km. 397/100 to Km.400/700 for a length of 3600mts along Chilakaluripet - Vijayawada section of NH-16 in Guntur District is recommended with a request for communicating the approval of the Competent Authority.

Encl: As above.

Yours faithfully,



(Dr.T.SRINIVAS)  
Project Director  
PIU-Amaravati(AP)



## CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of Optical Fibre Cable and submit that the proposal is confirming to all the standard conditions issued vide Ministry Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
2. It is certified that any other location of the utility line would be extremely difficult and unreasonable costly and installation of utility line within RoW will not adversely affect the design, stability & traffic safety of highway nor the likely future improvement such as widening of the carriageway, easing of curve, etc.
3. It will be ensured that supervision of the work of laying of utility and ensured that the defects in road portion after laying of utility are corrected.
4. It will be notified/forfeit the Bank Guarantee for claims for damages done/ disruption in working, if any.
5. It will be ensured that proposed permission is entered in the register of records.



Project Director  
NHAI, PIU-Amaravati(AP)

# Records of Right of Way permission granted for laying OFC

1. Name of the State : Andhra Pradesh
2. Name of the Agency : NHAI
3. Name of PIU : Amaravati (AP)
4. NH Number : 16 (Chilakaluripet – Vijayawada)

Sl. No.	Location (Chainage in Km)	Left or Right side of NH (towards increasing chainage/ Km direction)	Section and reach	Kind of service	Name of licensee and contact address	Any deviation from MOST standard norms	Remarks
1	Km.399.690 to Km.400.690 – 1000m	RHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	PICG, Air Force (Defense)	No	
2	from Km.1104 to Km.1114 -10900m	LHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	PICG, Air Force (Defense)	No	
3	Km.418.030 to Km.418.420 - 390m	RHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	Idea Cellular	No	
4	Km.411.860 to Km.414.158 -2371m	LHS & RHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	Bharati Airtel Limited	No	
5	Km.1100.000 to Km.1103.400 - 3500m	RHS & Crossings	Chilakaluripet-Vijayawada Section of NH-16	OFC	Idea Cellular Ltd.	No	
6	Km.1138.200 to Km.1175.200, Km.1177.400 to Km.1182.803 and 2 crossing at Km.1138.200 & 1165.100 - 42642m	RHS & Crossings	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
7	Km.411.840 to Km.412.810 - 970m	LHS, RHS & Crossings	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
8	Km.360.450 to Km.363.740, 360.700 to Km.362.180 and crossings at 360.700, 362.180, 363.020, 36.480 - 5040m	LHS & RHS, Crossings	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
9	Km.1114.000 to Km.1126.200 -12200m	RHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
10	Km.397.200 to Km.355.000 for a total length of 42200m	RHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	



Sl. No.	Location (Chainage in Km)	Left or Right side of NH (towards increasing chainage/ Km direction)	Section and reach	Kind of service	Name of licensee and contact address	Any deviation from MOST standard norms	Remarks
11	Km.432.845 to Km.437.300 and Km.424/400 to Km.428/100 - 8'155 m	LHS & Crossings	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
12	Km.1138.200 to Km.1139.200 - 1000m	RHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	L&T	No	
13	Km.360.450 to Km.363.740 and from Km.360.700 to Km.362.180 -5040m	LHS & RHS, Crossing	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
14	Km.399.730 to Km.400.665 and from Km.428.100 to Km.428.300 - 1135m	LHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
15	Km.411.900 to Km.424.600 for a total length of 12700m	LHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
16	Proposal for auguring at Km.435 New Phone connection to the Director of Sugar & Cane Commission	Crossing	Chilakaluripet-Vijayawada Section of NH-16	OFC	BSNL, Guntur	No	
17	Km.395/400 to Km.364/175 - & across at 25 locations (Km.365/000, Km.366/500, Km.366/250, Km.367/300, Km.368/550, Km.369/850, Km.370/750, Km.373/900, Km.373/200, Km.376/00, Km.379/700, Km.379/3400, Km.380/230, Km.383/000, Km.383/960, Km.385/070, Km.387/520, Km.389/000, Km.389/500, Km.391/500, Km.393/650, Km.393/200, Km.394/500, Km.395/365, Km.395/400) on NH-16 (Old NH-5)	RHS & Crossings	Chilakaluripet-Vijayawada Section of NH-16	OFC	BSNL, Guntur	No	

Sl. No.	Location (Chainage in Km)	Left or Right side of NH (towards increasing chainage/ Km direction)	Section and reach	Kind of service	Name of licensee and contact address	Any deviation from MOST standard norms	Remarks
18	Km.424+550 to Km.425+170, Km.425+170 to Km.426+750, Km.426+750 to Km.426+400 for a length of 2750m	LHS & RHS, Crossing	Chilakaluripet-Vijayawada Section of NH-16	OFC	Tata communications Ltd.,	No	
19	Km. 361/930 to Km.363/400 and Km.364/580 to Km.364/620 for a length of 1510m	LHS & RHS, Crossing	Chilakaluripet-Vijayawada Section of NH-16	OFC	Vodafone Mobile Services Ltd.,	No	

*V. I. vd*

Project Director  
NHAI, PIU-Amaravati(AP)



Independent Engineer during O&M period for 6-Laning  
of Chilakaluripet - Vijayawada section of NH-5 in the  
State of Andhra Pradesh on DBFOT pattern

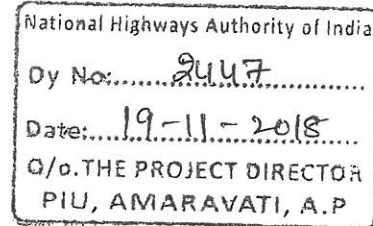
Letter No. AA/OM/1956/VJA/NHAI/Permissions/18-19/833

Date: 16<sup>th</sup> November' 2018

To

**The Project Director,**

National Highways Authority of India,  
PIU-Amaravati, Dr.No.136/A, 106 & 107,  
Lakshmi Narasimha Colony, Vasantha Residency,  
Mangalagiri, Guntur District, A.P - 522503.



**Project:** Operation & Maintenance of "6-laning of Chilakaluripet-Vijayawada section of NH-5 (New No. NH-16) from Km. 355+000 to Km. 434+150.

**Sub: M/s Reliance Jio Infocom Ltd., - Permission for laying Optical Fibre Cable (OFC) from Km. 397/100 to Km.400/700 in Guntur District Andhra Pradesh for a length of 3600m along Chilakaluripet - Vijayawada section of NH-16 - Reg.**

**Ref:** Lr.No. NHAI/PIU-Amaravati/11013/13(OFC)/2016/Vol.1/924 dated 01.11.2018 of PIU, Amaravati.

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Sir,

With reference to the letter cited above, it is to inform that M/s Reliance Jio Infocom Limited has requested to examine the proposal and grant the permission to lay OF Cables along NH-16 from Km. 397+100 to Km.400+700 for a length of 3600m. IE has inspected the site in detail as per Ministry guidelines vide F. No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and following are the observations.

1. The applicant has submitted:

- a. Check list
- b. Undertaking for submission of Performance Bank Guarantee @ Rs.100/- per route meter.
- c. Undertaking for Shifting / Relocation of O.F. Cable (as per Sl.No.5 of Check list).
- d. Undertaking for no damages in carrying out works.
- e. Draft license agreement regarding granting of ROW permission for laying telecom cable / O.F. Cable / ducts.
- f. Indemnity Bond.
- g. Undertaking to carryout HDD works.
- h. License Fee estimate for laying optical Fiber cable on NH-16 with supporting docs.
- i. Google map.

2. As per the plan submitted, the applicant has proposed to lay the optical Fiber Cable with single line by Horizontal Directional Drilling (HDD) method in ROW within 2M utility corridor and will be keep straight along highway from Km. 397+100 to Km.400+700 on LHS.

3. Applicant submitted the typical cross sections of Optical Fiber Cable along and across the highway for HDD with methodology.

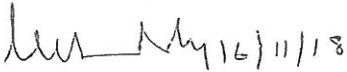
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In view of the above the proposal submitted by M/s Reliance Jio Infocom Ltd., for laying of O.F. Cables is in order. Hence, competent Authority may take a suitable decision to accord permission to lay O.F. Cables as requested by the applicant

This is for favour of information and further action.

Yours faithfully,



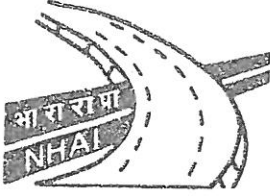
**(M. PITCHI REDDY)**

**Team Leader**

**Chilakaluripet - Vijayawada O&M Project**

- CC to: 1) Mr. Ravi Kiran – Chief of Operation & Maintenance, VTPL, Kaza.  
2) Mr. K. Srinivasa Rao – Project Head, M/s. Aarvee Associates, HO, Hyderabad.





# National Highways Authority of India

Project Implementation Unit, Amaravati, AP

Door No. 136/A, 106 & 107, 1st Floor, Vasantha Residency,  
Sri Lakshmi Narasimha Colony, MANGALAGIRI - 522 503.  
Guntur District, Andhra Pradesh

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

परियोजना कार्यान्वयन ईकाई, अमरावती, आंध्र प्रदेश.

टेली / Tele : 08645 - 234599  
ई-मेल / E-mail : piuamaravati@nhai.org  
nhai@piuamaravati@gmail.com



भारतमाला  
प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

NHAI/PIU-Amaravati/11013/13(OFC)/2016/Vol.1 / 924

1<sup>st</sup> November, 2018

To  
The Team Leader,  
M/s.Aarvee Associates Architects  
Engineers & Consultants Pvt. Ltd.,  
D.No.57-15-5, Pantakaluva Road,  
Near SBI Bank, Patamata, Benz Circle  
VIJAYAWADA - 520 010

Sub: NHAI,PIU,Amaravati - 6 laning of Chilakaluripet - Vijayawada section of NH-16 - M/s. Reliance Jio Infocom Ltd., - Permission for laying Optical Fibre Cable (OFC) from Km. 397/100 to Km.400/700 in Guntur District Andhra Pradesh for a length of 3600mts along Chilakaluripet - Vijayawada section of NH-16 - Reg.

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Sir,

Please find herewith enclosed a copy of letter no. RJIL/OFC/ROW/INTRACITY /MCN/AP/NH-16/GUNTUR-VIJAYAWADA/2018/3952 dated 29.09.2018 received from M/s. Reliance Jio Infocom Ltd., requesting permission to lay OF Cables from Km. 397/100 to Km.400/700 for a length of 3600mts along Chilakaluripet - Vijayawada section of NH-16 in Guntur District, Andhra Pradesh.

In this connection, it is requested to examine the proposal with reference to MoRTH circular, F.No. RW/NH-33044/29/2015/S&R® dated. 22.11.2016 and furnish necessary comments / recommendations so as to enable this office to take further necessary action in this regard

Encl: As above.

*Resub*  
*Gobinda Kishore*  
*2/11/18*

Yours faithfully,

*J. T. Srinivas*  
(Dr.T.SRINIVAS)  
Project Director  
PIU-Amaravati

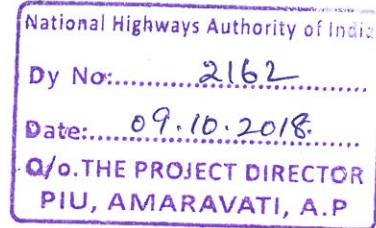


DIGITAL  
LIFE

RJIL/OFC/ROW/INTRACITY/MCN/AP/NH-16/GUNTUR-VIJAYAWADA/2018/3952

Dated 29<sup>th</sup> Sep, 2018

To  
The Project Director,  
National Highways Authority of India,  
Project Implementation Unit-Amaravati,  
Flat No. 106 & 107, 1<sup>st</sup> Floor, Vasanta Residency,  
DoorNo.136-A, Lakshmi Narasimha Colony,  
Mangalagiri-522 503, Andhra Pradesh.



5  
-18

Sub: Request for Right of Way (RoW) permission for laying Optical Fiber Cable (OFC) along NH-16 from 397/100 to 400/700 for a total route length of 3,600 meters in Guntur District of Andhra Pradesh under the Jurisdiction of NHAI, PIU, Amaravathi.

Ref: Ministry of Road Transport & Highways (MoRTH) Guidelines for granting permission for laying Utility Services along and/or across ROW vide letter No. **RW/NH- 33044/29/2001/S&R(R)** dated **22-11-2016**

Dear Sir,

**Reliance Jio Infocomm Limited (Jio)**, is a company engaged in the business of providing Digital Services based on a world-class all-IP data strong future proof network with latest 4G LTE technology on pan India basis. Jio has been granted a Unified License by Dept. of Telecommunications, Ministry of Communication & IT, Govt. of India with authorization to provide all Telecom Services in all service areas. Jio will bring transformational changes in the Indian digital services space to enable the vision of Digital India for 1.2 billion Indians and propel India into global leadership in digital economy. Jio will also offer end-to-end solutions that address the entire value chain across various digital services in key domains such as education, healthcare, security, communication, financial services, government-citizen interfaces and entertainment.

We have recently launched **Jio 4G** services across Andhra Pradesh and are presently extending our 4G Network infrastructure in the state and plan to connect as many areas as possible to extend the Digital services like communication, education, entertainment, healthcare, financial services to the local panchayats, schools, hospitals and general public, in line with Govt. of India's Digital India initiative. This will greatly increase the tele density in those remote areas and also lead to economic development of the people living there. Further these services will also benefit various Government Departments like Forest, Revenue, Police, Health, Education and many more in better administration.

As part of this project, we have to lay underground Optical Fiber Cable (OFC) through HDPE ducts at the subject location. The **HDPE ducts of 33 mm dia (40 mm OD) x 8 ducts** will be laid at the extreme possible edge of RoW at a minimum depth of 1.20 mtrs., using various methods like Open Trenching/Horizontal Directional Drilling (HDD) to construct a Fiber Optic backbone link. The Trenching & restoration work shall be carried out in accordance with cited MoRTH guidelines with utmost care.



Reliance Jio Infocomm Limited, CIN: U72900MH2007PLC234712

Address: 40-1-72D, 5<sup>th</sup> Floor, K.K.Towers, M.G.Road, Vijayawada-520 010, Andhra Pradesh. Tel: 0866-3074803  
Registered Office: 9<sup>th</sup> Floor, Maker Chambers IV, 222, Nariman Point, Mumbai 400021, India. Tel: 022-22785000





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LIFE

As per point no. 5 of cited MoRTH guidelines, we shall pay License Fee and also submit Performance Bank Guarantee in the prescribed format with a validity of 1 year (extendable if required till satisfactory completion of work) as per point no. 6.

Further, as per cited MoRTH guidelines, we have enclosed herewith all the required documentation duly signed at our end like Strip plans, License Deed, Undertakings, Certificates and other documents as per the check list for your kind perusal.

As you may appreciate this project shall be completed on top priority in the larger interest of all the stakeholders, request you to kindly accord us the RoW permission at the earliest. Please do let us for any further information/clarifications.

Thanking you,

Yours Sincerely,  
For Reliance Jio Infocomm Limited



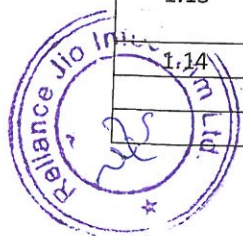
Authorized Signatory

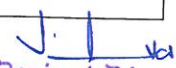
Enclosures: As per Index Sheet

## CHECK - LIST

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

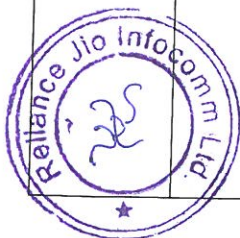
Sl. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	<b>Reliance Jio Infocomm Limited</b>  Regd. Office Address : 9 <sup>th</sup> Floor, Makers Chambers IV, No. 222, Nariman point, Mumbai-400 021 India	
1.2	National Highway Number	<b>NH-16</b>	
1.3	State	Andhra Pradesh	
1.4	Location	Ankireddypalem, Guntur Rural Mandal, Guntur	
1.5	(Chainage in km.)	<b>along the Road from KM 397/100 to 400/700</b>	
1.6	Length in Meters	3,600 meters.	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction	Varies from 39 to 45 Meters	
	(b) Right side from center line towards increasing chainage/ km direction	Varies from 39 to 45 Meters	
1.8	Proposal to lay the utility		
	(a) Left side from center line towards increasing chainage/km directions	KM 397/100 to 400/700	
	(b) Right side from center line towards increasing /km direction		
1.9	Proposal to acquire land		
	a) left side from center line	NA	
	b) right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	
	If not then where to lay the cable		
1.11	Details of already laid services, if any, along the proposed route	Details of already laid services/permissions granted is enclosed.	
1.12	Number of existing lanes (2/4/6/8 lanes)	6 lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 /6/8 lanes)	NA	
1.14	Service road existing or not	Yes	
	If yes then which side		
	(a) Left side from center line	KM 397/100 to 400/700	



  
**Project Director,**  
**NHAI, PIU, AMARAVATI**

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	(b) Right side from center line	KM 397/100 to 400/700	
1.15	Proposed Service road		
	(a) Left side from center line	No proposed Service Road	
	(b) Right side from center line	No proposed Service Road	
1.16	Whether proposal to lay utility is after the service road or between the service road and main carriageway	Proposal is for laying of utility line (OFC) after the Service Road, wherever existing	
1.17	Whether carrying of sewage/gas pipeline has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same.	No, Utility (OFC) not proposed on Bridges.	
1.18	Whether carrying of sewage/gas pipeline has been proposed on the parapet/any part of the Bridges. If yes, then mention the methodology proposed for the same.	No, Utility (OFC) not proposed on the parapet/any part of the Bridges.	
1.19	If Crossing of the Road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expense of the agency owning the line	No Crossings involved	
	a) Whether the existing drainage structures are allowed to carry the utility pipeline		
	b) Is it on a line normal to NH		
	c) What is the distance of crossing the utility pipelines from the existing structures? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.		
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casing.		
	e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path		
	f) The casing/conduit pipe should be as minimum extend from drain to drain in cuts and toe of slope in the fills.		
	g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details		
	h) Mention the methodology proposed for crossing of road for the proposed sewage/Gas 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		





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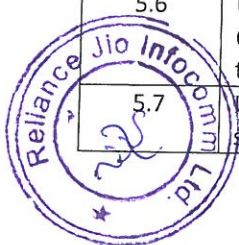
	i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a water way along it		
2	Document/Drawings to be enclosed with the proposal		
2.1	Cross section showing the size of trench for open trenching method	Enclosed	
	Is it normal size of 1.2m deep x 0.3 m wide	Yes	
	i) should not be greater than 60 cms wider than the outer diameter of the pipe	Yes	
	ii) located as close to the extreme edge of the Right of Way as possible but not less than 15m from the center line of the nearest carriageway	Yes	
	iii) shall not be permitted to run along the National Highways when the road formation is situated in double cutting nor shall these be laid over the existing culverts and bridges	Not Applicable	
	iv) These should be so laid that their top is at least 0.6m below the ground level so as not to obstruct drainage of the road land	Yes	
2.2	Cross section showing the size of pit and location of cable for HDD method	HDD Cross section enclosed	
2.3	Strip plan / Route Plan showing utility/Gas pipeline chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Strip plan showing all the details is enclosed	
2.4	Methodology for laying of the Utility pipeline	Enclosed	
2.4.1	Open trenching 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 of refilling the trench	Yes, Methodology of refilling is attached.	
	a) The trench width should be at least 30 cms, but not more than 60 cms. wider than the outer diameter of the pipe	Open Trench cross section enclosed	
	b) For filling of the trench, Bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yield firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.	Yes	
	c) The backfill shall be completed in two stages- i) side fill to the level of the top of the pipe and ii) overfill to the bottom of the road crust	Yes	





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	d) The side fill shall consist of granular material laid in 15 cms. Layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or ponding will not be permitted.	Yes	
	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.	Yes	
	f) The excavation shall be protected by flagman, Signs and barricades and red lights during night hours.	Yes	
	g) If required a diversion shall be constructed at the expense of agency owing the utility line.	Not applicable	
2.4.2	Horizontal Directional Drilling (HDD) Method	Details provided in Methodology of Laying.	
2.4.3	Methodology for laying of the pipeline through CD works and method of laying In cases where the carrying of gas pipeline on the bridge becomes inescapable	Not applicable	
3	Draft License Agreement signed by two witnesses	Enclosed	
3.1	The License fee estimate as per Ministry's guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Enclosed	
4	Whether Performance Bank Guarantee as per Ministry guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016 is obtained	Undertaking for submission of BG has been obtained from M/s Reliance Jio Infocomm Limited	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines	Confirmation of BG shall be obtained after BG submission by M/s Reliance Jio Infocomm Limited	
5	<b>Affidavit/Undertaking from the Applicant for following is to be furnished</b>		
5.1	Undertaking for not to damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Yes, Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI	Yes, Enclosed	
5.3	Undertaking for confirming all standard conditions of Ministry/NHAI's guidelines	Yes, Enclosed	
5.4	Undertaking for Indemnity against all damages and claims	Yes Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic	Yes Enclosed	
5.6	Undertaking that if any claim is raised by the Concessionaire/contractor then the same has to be paid by the applicant	Yes Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work	Yes Enclosed	



## CHECK - LIST

	of installation, shifting or repairs, or alterations to the utility located in the National Highway Right of Ways.		
5.8	Undertaking that expenditure if any incurred by NHAI for repairing any damage caused to the NH by laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	Yes Enclosed	
5.9	Undertaking that text of the License deed is as per verbatim of format issued by MoRTH vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Yes Enclosed	
5.10	Undertaking that the applicant has obtained various safety clearances from the respective 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 clearances as applicable, before applying to Highway Administration.	Not Applicable as the Utility line proposed is OFC.	
5.11	If the MoRTH/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 MoRTH/NHAI at the cost of the Agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes, enclosed	
5.12	Certificate from the applicant in the following format i) Laying of Gas 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 notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laning or/any other development.	Enclosed  Enclosed	
6	Who will sign the agreement on behalf of Gas pipe line agency? Power of attorney to sign the Agreement is available or not	Manager-RE, Reliance Jio Infocomm Limited Copy of Power of Attorney enclosed.	
7	The Project Director shall submit the following Certificates		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide MoRTH circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Enclosed	
7.2	Certificate from the PD in the following format i) "it is certified that any other location of the Gas pipeline would be extremely difficult and unreasonably costly and the installation of Gas pipeline within RoW will not adversely affect the design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriage way, easing of curve etc." ii) for 6-laning	Enclosed	





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	<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>	Enclosed	
		Enclosed	
8	If NH section proposed to be taken up by NHAI on BOT basis – a clause is to be inserted in the agreement "the permitted highway on which licensee has been granted the right lay Gas Pipeline /duct has also been granted as a right of way concessionaire under the concession agreement for up gradation of ----- section from Km. ----- to km -----of NH no. - ----- on Build, Operate and Transfer basis and therefore the licensee shall honor same.	NA	
9	Who will supervise the work of laying of Utility Pipe line		
	a) On behalf of the applicant	Area Manager, Reliance Jio Infocomm Limited, Guntur	
	b) On behalf of MoRTH/NHAI	NHAI PIU, Amaravathi	
10	Who will ensure that the defects in road portion after laying of utility pipeline are corrected and if not corrected then what action will be taken.		
	c) On behalf of the applicant	Area Manager, Reliance Jio Infocomm Limited, Guntur	
	d) On behalf of MoRTH/NHAI	NHAI PIU, Amaravathi	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	Reliance Jio Infocomm Limited	
12	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)	Yes, Enclosed	
13	If any previous approval is accorded for laying cable line then Photocopy of register of records of permissions accorded (as maintained by PD) to be enclosed.	NA	



Name, Designation and Signature of the Authorized representative of applicant

**Sudhir Chaparala**

**Manager - RE**

↓ ↓ ↓  
**Project Director,  
NHAI, PIU, AMARAVATHI**

(Name Designation and signature of concerned field authority of NHAI/PWD/BRO)





ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

S.No. 4353 Dt. 20/ August / 2018 Rs. 100/-

Sold to: M. Suresh Kumar S/o. Satyanarayana, Vijayawada.

For whom : M/s. Reliance Jio Infocomm Ltd., Vijayawada.

20 AUG 2018 CF 136984

R. PREMAIAH  
LICENSED STAMP VENDOR  
L.No: 07-15-008/1995  
R.L. No: 07-15-006/2010  
ARUNDelpet, GUNTUR  
Dist: 08487 15122, Pin: 522 001

**AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSIONS FOR LAYING UTILITY SERVICES  
ON NATIONAL HIGHWAYS**

Agreement to lay Telecom Cables/OFC/ducts along NH-16 from 397/100 to 400/700 for a total route length of 3,600 meters in Guntur District of Andhra Pradesh under the jurisdiction of NHAI, PIU, Amaravathi.

This Agreement made this \_\_\_\_\_ day of \_\_\_\_\_ Month of 2018 between \_\_\_\_\_ acting in his capacity through \_\_\_\_\_ (hereinafter referred to the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assignees) on the one part and M/s Reliance Jio Infocomm Limited, a company registered under companies act 1956 and having it's registered office at No. 222, Makers Chamber IV, Nariman Point, Mumbai-400 021, (herein after called the "Licensee") which expression shall unless excluded by or repugnant to the context. Include his successors/ administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia for development and maintenance of lands in Km 397/100 to 400/700 of NH-16 ROW.

Whereas the Licensee proposes to lay Telecom Cables/ducts etc. referred to as utility services in subsequent paras.





Whereas the Licensee has applied to the Authority for permission to lay utility services from 397/100 to 400/700 for a total route length of 3,600 meters in Guntur District of Andhra Pradesh

And whereas the Authority has agreed to grant such permission for way leave on the NH RoW as per the terms and conditions hereinafter mentioned.

Now this agreement witnesseth that in consideration of the conditions hereinafter contained and on the part of the licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per the approved drawing attached hereto subject to the following conditions, namely :-

1. RoW permissions are only enabling in nature. The purpose of extending the Way Leave facility on the National Highway RoW is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permissions so granted shall be restricted only to the extent of provisions/scope of activities defined in the license agreement and for the purpose for which it is granted.
2. No licensee shall claim exclusive right on the ROW and any subsequent user will be permitted to use the ROW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfillment of technical requirements shall be final and binding. In case any disruption/damage caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals and necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/industrial infrastructure facilities.
4. The Licensee shall pay license fee @ Rs...../sq.m/month to the Authority. The license fee shall become payable from the date of handing over ROW land to the licensee, for laying of utilities/cables/conduits/pipe lines for infrastructure/service provider. As regards tariff and terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of ROW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the ROW. In case of restricted width of ROW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankments, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.



8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case this is not feasible, the utility services may be carried outside the railings/parapets and the bridge super structure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the authority shall be payable by the licensee.
9. In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of National Highways. Towards this, the top of the utility services shall be at least 0.6m below the Ground Level. However, any structure above ground shall be aesthetically provided for/landscaped with required safety measures as directed by the concerned Authority.
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing/conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with provision of IRC and executed following the specifications of the Ministry.
12. Existing drainage structures should not be allowed to carry the line across.
13. The top of casing /conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment – I.
14. The utility services shall cross the National Highway preferably on a line normal to it or as nearly as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by Boring method shall be preferred.
16. In case of Trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cm. wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained herein below or as supplied by the Highway Authority.
- a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
- b. The backfill shall be completed in two stages (i) Side fill to the level of the top of the pipe (ii) overfill to the bottom of the Road crust.





c. The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tamping 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.

d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.

**17.** The licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50 m away from the edge of the right of way.

**18.** All required restoration work subsequent to laying of the cable shall be required to be undertaken by the licensee at its cost either by itself or through its authorized representative in consultation with the authority as per predetermined time schedule and quality standards.

**19.** Prior to commencement of any work on the ground a Performance Bank Guarantee @ Rs. per route meter/Rs. per sq. meter with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the licensee to the Authority/ its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the licensee and recover the amount by forfeiture of the Bank Guarantee.

**20.** In case the Performance Bank Guarantee is invoked as mentioned above, the licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In the case work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the licensee shall be liable to pay full compensation to the aggrieved Authority/its designated agency for any damage sustained by them by reason of the exercise of the ROW facility.

**21.** The Licensee shall shift the utility services within 90 days (or as specified by the respective authority) from the date of issue of the notice by the concerned Authority to shift/ relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original conditions at its own cost and risk.

**22.** The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities/underground installations/facilities etc. The licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc..



23. The licensee shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggrieved authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for at the cost and risk of the licensee. The concerned agency in co-ordination with authority shall also have a right to make good such damages / recover the claims by forfeiture of Bank Guarantee.
24. If the licensee fails to comply with any condition to the satisfaction of the authority, the same shall be executed by the authority at the cost and risk of the licensee.
25. Grant of license is subject to the licensee satisfying (a) minimum disruption of traffic and (b) no damages to the highways. As far as possible, the licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the authority as per predetermined time schedule and quality standards. In case of the licensee failing to discharge the obligation of making good of the excavated trench /other restoration work, the authority shall have a right to make good the damages caused by excavation, at the cost of the licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The licensee shall inform/give a notice to the concerned agency designated by the authority at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance / repair works shall have to be furnished by the licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the authority.
28. The licensee shall indemnify the concerned agency in co-ordination with authority, against all damages and claims, if any, due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal on payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid for the period it is issued and fee deposited. However, the authority has a right to terminate the permission or to extend the period of agreement.
31. That the licensee shall not undertake any work of shifting, repairs or alterations to the utility services without the prior written permission/concerned agency in co-ordination with the authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land/property other than what is herein expressly





granted. No use of NH ROW will be permitted for any purpose other than that specified in the Agreement.

**33.** During the subsistence of this Agreement, the utility services located in highway land /property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.

**34.** The Licensee shall bear the Stamp Duty charged on this Agreement.

**35.** Three copies of 'as laid drawings of utilities (hard and soft copies) with geotagged photographs and geotagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.

**36.** The Licensee shall allow free access to the site at all times to the Authorized representatives of Authority to inspect the project facilities and to investigate any matter within their authority and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.

**37.** The utility services shall not be made operational by the licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by the Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.

**38.** The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of :

- a. Operation, repair and maintenance guidelines given by the manufactures,
- b. The requirements of the Law,
- c. The physical conditions at the site, and
- d. The safety of operating personal and human beings.

**39.** The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.

**40.** While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period, such diversion shall be provided at the cost of Licensee.

**41.** After the termination/expiry of the agreement, the licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However, before taking up the work of removal of utility



services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, Clearing debris, loose earth produced due to excavation of trenching at least 50 m away from the edge of the ROW.

42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.

43. For PPP projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/ shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MORTH/ NHAI/ Implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

This Agreement has been made in duplicate, each on a Stamp Paper. Each party to this Agreement has retained one stamped copy each.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED, SEALED AND DELIVERED BY FOR AND ON BEHALF OF AUTHORITY

BY SHRI \_\_\_\_\_

(Signature, Name and address with Stamp)

SIGNED ON BEHALF OF M/S Reliance Jio Infocomm Limited

BY SHRI **Sudhir Chaparala**  
*Manager - RE*

(Signature, Name and address with Stamp)

HOLDER OF GENERAL POWER OF ATTORNEY DATED \_\_\_\_\_ EXECUTED IN ACCORDANCE WITH  
THE RESOLUTION NO \_\_\_\_\_ DATED \_\_\_\_\_ PASSED BY THE MEETING HELD ON  
\_\_\_\_\_

IN THE PRESENCE OF (WITNESSES):

1.

*[Signature]*

2.

*[Signature]*

**Reliance Jio Infocomm Ltd.,**

H.No. 40-1-72D, 5th Floor,  
K.K. Towers, Opp. HDFC Bank,  
M.G. Road, VIJAYAWADA - 520 010, A.P.