



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,

रानीगारीतोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

Regional Office : D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,

Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Lr.No. NHAI/RO-VJA/PIU-AMA/NOC/2021-22/865

Dt.17.03.2022

To

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

**Sub: RO - Vijayawada - Permission for laying of OFC Cable (M/s.Vodafone Idea Telecom Infrastructure Limited) using HDD Method along the road on LHS & RHS from Km. 430/140 to Km. 430/600 and across the road from LHS to RHS at Km. 430/140 and Km. 430/600 on Chilakaluripet - Vijayawada section of NH-16 at Vaddeswaram Village & Tadepalli Mandal, Guntur District, Andhra Pradesh - Public comments - Reg.**

Sir,

Please find enclosed herewith a proposal submitted by M/s.Vodafone Idea Telecom Infrastructure Limited for laying Optical Fiber Cable (OFC) along the road on LHS & RHS from Km. 430/140 to Km. 430/600 and across the road at Km. 430/140 and Km. 430/600 on Chilakaluripet - Vijayawada section of NH-16 at Vaddeswaram Village & Tadepalli Mandal, Guntur District, Andhra Pradesh for a total length of 1120m.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22<sup>nd</sup> November 2016, the application along with the recommendations of PD, PIU-Amaravati & notice inviting public comments 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

(R.K. Singh),  
Regional Officer  
RO - Vijayawada

### Copy to:

(i) PD, PIU - Amaravati

(ii) M/s Vodafone Idea Telecom Infrastructure Limited (VITIL), 6th Floor, Varun Tower-II, Begumpet, Hyderabad-500016, Telangana - for information.



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,  
रानीगारीतोटा, कृष्णलंका, विजयावाड़ा - 520 013, आन्ध्र प्रदेश

Regional Office : D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,  
Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Lr.No. NHAI/RO-VJA/PIU-AMA/NOC/2021-22/

Date :17.03.2022

### INVITATION OF PUBLIC COMMENTS


**Sub: RO - Vijayawada - Permission for laying of OFC Cable (M/s.Vodafone Idea Telecom Infrastructure Limited) using HDD Method along the road on LHS & RHS from Km. 430/140 to Km. 430/600 and across the road from LHS to RHS at Km. 430/140 and Km. 430/600 on Chilakaluripet - Vijayawada section of NH-16 at Vaddeswaram Village & Tadepalli Mandal, Guntur District, Andhra Pradesh - Public comments - Reg.**

The Project Director, PIU - Amaravati submitted a proposal of M/s.Vodafone Idea Telecom Infrastructure Limited for laying Optical Fiber Cable (OFC) along the road on LHS & RHS from Km. 430/140 to Km. 430/600 and across the road at Km. 430/140 and Km. 430/600 on Chilakaluripet - Vijayawada section of NH-16 at Vaddeswaram Village & Tadepalli Mandal, Guntur District, Andhra Pradesh for a total length of 1120m.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R(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,  
Regional Office, Dr. No.41-29-45A, R. S. No.373/2A  
Near Kodandaramalayam, Chalasani Nagar,  
Ranigarithota, Krishnalanka, Vijayawada - 520 013.  
Email: [rovijayawada@nhai.org](mailto:rovijayawada@nhai.org)**

  
(R.K. Singh),  
Regional Officer  
RO - Vijayawada





## 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@amaravati@gmail.com



भारतमाला  
प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

NHAI/PIU-Amaravati/11013/13(OFC)/2020/Vol.1

10<sup>th</sup> February, 2022

To  
The Regional Officer,  
National Highways Authority of India  
Door No.41-29-45A, R.S.No.373/2A  
Near Kodandaramalayam  
Chalasani Nagar, Ranigarithota  
Krishnalanka  
Vijayawada - 520 013

1/24  
11/02  
DGM-T



Sir,

Sub: NHAI, PIU - Amaravati - 6 laning of Chilakaluripet - Vijayawada section of NH-5 -  
M/s.Vodafone Idea Telecom Infrastructure Limited -Permission for laying Optical  
Fiber Cable(OFC) along the road on LHS & RHS from Km. 430/140 to Km.  
430/600 and across the road from LHS to RHS at Km. 430/140 and Km. 430/600  
on Chilakaluripet - Vijayawada section of NH-16 at Vaddeswaram Village &  
Tadepalli Mandal, Guntur District, Andhra Pradesh - Reg.

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It is to inform that M/s Vodafone Idea Telecom Infrastructure Limited, vide letter  
no. VITIL/ROW/NH/2021-22/21 dated nil requested permission for laying of Optical Fiber  
Cable (OFC) along the road on LHS & RHS from Km. 430/140 to Km. 430/600 and for  
crossings at Km. 430/140 and Km. 430/600 on Chilakaluripet - Vijayawada section of NH-16  
at Vaddeswaram Village & Tadepalli Mandal, Guntur District, Andhra Pradesh.

PIU, vide letter no. NHAI/PIU-Amaravati/11013/13(OFC)/2020/Vol.1/1719 dated  
03.12.2021 forwarded the proposal to IE, M/s MSV Intl. Inc. In association with M/s Sri  
Infotech, with a request to examine the proposal as per MoRTH guidelines and to furnish  
necessary comments/ recommendations for taking further action.

Accordingly, IE, MSV Intl. Inc. In association with M/s Sri Infotech vide letter no.  
MSV\_Sri Infotech/103/KAZA/2022/NHAI/0287 dated 04.01.2022 submitted as follows:

The applicant has submitted:

- (i). Checklist
- (ii). Undertaking for submission of Performance Bank Guarantee @ Rs.100/- per  
route meter.

Contd..2

5m

#2#

- (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). License Fee estimate for laying optical Fiber cable on NH-16 with supporting docs.
1. As per the plan submitted, the applicant has proposed to lay the Optical Fibre Cable parallel to the road by Open Trench Method. The trench will be in the ROW within 2m utility corridor and will be straight along the highway. At road crossings, restricted ROW, Drains, Culverts, Bridges the applicant has proposed Horizontal Direction Drilling Method (HDD Method).
  2. Applicant has submitted the typical cross sections of Optical Fibre Cable trench and typical cross-section for HDD with methodology.

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

Further, the applicant has submitted calculation of license fee and Performance Bank Guarantee which works out to be Rs. 86,197/- and Rs. 1,12,000/- respectively and the same has been verified in this office and found to be in order.

In light of the above, the proposal along with the copies of all the above mentioned documents are herewith submitted with a request to communicate the approval of the Competent Authority for Optical Fiber Cable (OFC) along the road on LHS & RHS from Km. 430/140 to Km. 430/600 and for crossings at Km. 430/140 and Km. 430/600 on Chilakaluripet - Vijayawada section of NH-16.

Yours faithfully,



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

Encl: As above.





### CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of Optical Fibre Cable and confirms that all the standard conditions are satisfied as per guidelines of issued Ministry Circular No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
2. It is certified that any other location for utility line would be extremely difficult and unreasonably costly and installation of utility line within RoW will neither 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 (Chilakalunipet – 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	Chilakalunipet-Vijayawada Section of NH-16	OFC	PICG, Air Force (Defense)	No	
2	from Km.1104 to Km.1114 -10900m	LHS	Chilakalunipet-Vijayawada Section of NH-16	OFC	PICG, Air Force (Defense)	No	
3	Km.418.030 to Km.418.420 -390m	RHS	Chilakalunipet-Vijayawada Section of NH-16	OFC	Idea Cellular	No	
4	Km.411.860 to Km.414.158 -2371m	LHS & RHS	Chilakalunipet-Vijayawada Section of NH-16	OFC	Bharati Airtel Limited	No	
5	Km.1100.000 to Km.1103.400 - 3500m	RHS & Crossings	Chilakalunipet-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	Chilakalunipet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
7	Km.411.840 to Km.412.810 - 970m	LHS, RHS & Crossings	Chilakalunipet-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	Chilakalunipet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
9	Km.1114.000 to Km.1126.200 -12200m	RHS	Chilakalunipet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
10	Km.397.200 to Km.355.000 for a total length of 42200m	RHS	Chilakalunipet-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 - 8155 m	LHS & Crossings	Chilakalunpet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
12	Km.1138.200 to Km.1139.200 - 1000m	RHS	Chilakalunpet-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	Chilakalunpet-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	Chilakalunpet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
15	Km.411.900 to Km.424.600 for a total length of 12700m	LHS	Chilakalunpet-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	Chilakalunpet-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.393/550, Km.393/200, Km.394/500, Km.395/365, Km.395/400) on NH-16 (Old NH-5)	RHS & Crossings	Chilakalunpet-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	
20	Km. 1102/840 to Km. 1104/840 for a length of 2000m	LHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	Bharati Airtel Ltd.,	No	
21	Km. 397/100 to Km. 400/700 for a length of 3600m	LHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
22	Km.1141/000 to 1183/000 with crossings at Km.1160/0, 1164/4, 1166/0, 1180/0 - 42000m	LHA & Crossing	Chilakaluripet-Vijayawada Section of NH-16	OFC	Dinesh Engineers Ltd.,	No	

*[Signature]*  
sec

Project Director  
NHAI, PIU-Amaravati(AP)

*[Signature]*





# MSV INTERNATIONAL INC.

In Association with

**SRI INFOTECH**



**MSV International Inc.**

C/o Jakka Shanmuka Rao  
Plot no:80, House No:6-220  
Aditya Township, NH-5 Road,  
Kaza Village, Mangalagiri (M)  
Guntur Dist: Andhra Pradesh-522503  
Email: msv.chilakaluripet@gmail.com  
CIN: F04214

Independent Engineer (IE) Services during Operation & Maintenance stage of Six laning of Chilakaluripet – Vijayawada Section of NH-5 (New NH-16) from Km.355.000 to Km.434.150 (length 82.5 Km) in the State of Andhra Pradesh executed as BOT (Toll) on DBFO Pattern under NHDP Phase-V

MSV\_Sri Infotech/103/KAZA/2022/NHAI/0287

Dated: 04.01.2022

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

National Highways Authority of India	
By No.....	65
Date.....	05-01-2022
O/o THE PROJECT DIRECTOR PIU, AMARAVATI, A.P.	

*Sm*  
*Slr 2*

**Sub:** Independent Engineer Services during Operation & Maintenance period for 6-laning of Chilakaluripet-Vijayawada Section of NH-5 (New No. NH-16) from Km 355+000 to Km.434+150 (Length – 82.5 Km) in the State of Andhra Pradesh to be executed as BOT (Toll) On DBFO Pattern Under NHDP PHASE-V **M/s. Vodafone Idea Telecom Infrastructure Limited – Permission for Laying Optical Fiber Cable (OFC) along the road on LHS & RHS from km. 430/140 to Km. 430/600 and across the road from LHS to RHS at km. 430/140 and Km. 430/600 on Chilakaluripet – Vijayawada section of NH-16 at Vaddeswaram Village & Tadepalli Mandal, Guntur District, Andhra Pradesh – Reg.,**

**Ref:** 1. NHAI/PIU-Amaravati/11013/13(OFC)/2020/Vol.1/1719 dated 03.12.2021

**Dear Sir,**

With reference to the letter cited above, it is to inform that **M/S. Vodafone Idea Telecom Infrastructure Limited** has requested to examine the proposal and grant permission to lay Optical Fiber Cable along NH-16 between Km. 430/140 to Km. 430/600 on RHS & LHS with crossings at Km. 430/140 and at Km. 430/600. IE along with Concessionaire's representative inspected the site and as per Ministry guidelines vide F.No. RW-NH-33044/29/2015/S&R(R) dated 22.11.2016 and the observations are hereunder:

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 Checklist).
  - IV. Undertaking for no damages in carrying out works.
  - V. Draft License agreement regarding granting of ROW permission for laying Utility Services on National Highway.
  - VI. Indemnity Bond.
  - VII. License Fee estimate for Laying Optical Fiber Cable on NH-16 with supporting docs.
2. As per the plan submitted, the applicant has proposed to lay the Optical Fiber Cable (OFC) parallel to the road by Open Trench Method. The trench will be in the ROW within 2m utility corridor and will be straight along the highway. At Road Crossings, Restricted ROW, Drains, Culverts, Bridges the applicant has proposed Horizontal Direction Drilling method (HDD Method).

*Sm*  
**Cont..2...**

3. Applicant submitted the typical cross-sections of Optical Fiber Cable trench and typical cross-section for HDD with methodology.

In view of the above, we found the proposal submitted by **M/S. Vodafone Idea Telecom Infrastructure Limited** for laying of Optical Fiber Cable is in order. Hence, Competent Authority may take a suitable decision to accord permission to lay Optical Fiber Cable as requested by the applicant.

This is for your kind information and further necessary action please.

Thanks & Regards,

**Yours Sincerely**

**For MSV International Inc., in association with Sri Infotech.**



**G. Prasad**

**Highway Maintenance Cum Resident Engineer (HMRE)**

**Copy to: Mr. Ravi Kiran - Chief Operation & Maintenance, VTPL, KAZA.**





## 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.

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



**भारतमाला**  
प्रगति के पथ पर अग्रसर  
**BHARATMALA**  
ROAD TO PROSPERITY

NHAI/PIU-Amaravati/11013/13(OFC)/2020/Vol.1/1719

3<sup>rd</sup> December, 2021

To  
The Team Leader,  
M/s MSV Intl. Inc. in association  
with M/s Sri Infotech,  
Plot No. 80, House No. 6-220,  
Aditya Township, NH-5 Road,  
Kaza Village, Mangalagiri(M),  
Guntur(D), AP - 522503.

Sir,

Sub: NHAI, PIU - Amaravati - 6 laning of Chilakaluripet - Vijayawada section of NH-5 -  
M/s.Vodafone Idea Telecom Infrastructure Limited -Permission for laying Optical  
Fiber Cable(OFC) along the road on LHS & RHS from Km. 430/140 to Km.  
430/600 and across the road from LHS to RHS at Km. 430/140 and Km. 430/600  
on Chilakaluripet - Vijayawada section of NH-16 at Vaddeswaram Village &  
Tadepalli Mandal, Guntur District, Andhra Pradesh - Reg.

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Please find herewith enclosed a copy of letter no. VITIL/ROW/NH/2021-22/21  
dated nil received from M/s. Vodafone Idea Telecom Infrastructure Limited, requesting  
permission for laying of Optical Fiber Cable (OFC) along the road on LHS & RHS from Km.  
430/140 to Km. 430/600 and across the road from LHS to RHS at Km. 430/140 and Km.  
430/600 on Chilakaluripet - Vijayawada section of NH-16 at Vaddeswaram Village &  
Tadepalli Mandal, Guntur District, Andhra Pradesh.

In this connection, it is requested to examine the proposal, with reference to  
MoRT&H Circular, F.No. RW-NH-33044/29/2015/S&R(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

Yours faithfully,

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

# PROPOSAL FOR LAYING OPTICAL FIBER CABLE

## HIGHWAY

NH-16

(NH-5 AS OLD NH NUMBER)

## SECTION

KOLKATA-CHENNAI

The Project Director,  
National Highways Authority of India,  
PIU, AMARAVATI.

Letter No. VITIL/ROW/NH /2021-22/21.

To,  
The Project Director,  
NHAI, PIU, AMARAVATI.

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National Highways Authority of India	
By No.	5004
Date	01-12-2021
O/o THE PROJECT DIRECTOR NHAI, AMARAVATI, A.P.	

Sub: Laying of Optical Fiber Cable by M/s. Vodafone Idea Telecom infrastructure Limited:

From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16(NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District, Andhra Pradesh— Permission Regarding.

Ref: Ministry's Circular no. RW/NH-33044/27/2015-S&R(R) dated 22.11.2016

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1. Vodafone Idea Telecom Infrastructure Limited (Formerly Vodafone Towers Limited) has been awarded license to install, operate & maintain National Long Distance services within territorial boundaries of India, Vide license agreement No. 10-25/2001-BS-1(01) Dated 29-11-2001 by Government of India, Ministry of Communications, Department of Telecommunications.

We are going to lay underground OFC through From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16(NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District, Andhra Pradesh. The work should be carried out as per standards, guidelines and policies for laying of OFC including installation of chambers & route markers.

2. We request you to issue demand note in accordance with your policy.

Thanking you,

Yours Sincerely,

For Vodafone Idea Telecom Infrastructure Limited.

Authorized Signatory

Enclosed :- 1. Plan showing the proposed OFC path.  
2. Agreement and undertakings.

# INDEX

S.No	DESCRIPTION	Remarks
1	CHECK LIST FOR GETTING APPROVAL	
2	AGGREMENT COPY OF NHAI	
3	INDEMNITY BOND	
4	CERTIFICATE FOR 6 LANNING	
5	NHAI UNDERTAKING	
6	ANNEXURE-VI NHAI UNDERTAKING	
7	UNDERTAKING FOR PERFORMANCE BANK GURANTEE	
8	UNDERTAKING AS PER SL.No.5 OF CHECK LIST	
9	UNDERTAKING FOR PAYMENT OF LICENSE FEES/LEASE RENTALS	
10	ANNEXURE -IIIENCLOSED TO MOST	
11	TYPICAL CROSS SECTION OF TRENCHING FOR OFC LAYING	
12	METHODOLOGY OF LAYING OF OFC – OPEN TRENCHING & TRENCHLESS (HDD)	
13	TYPICAL CROSS SECTION OF HDD	
14	ANNEXURE -I CALCULATION OF LICENE FEES & BANK GUARANTEE AMOUNT	
15	PROPOSED ROUTE PLAN	
16	POWER OF ATTORNEY OF THE AUTHORIZED SIGNATORY	

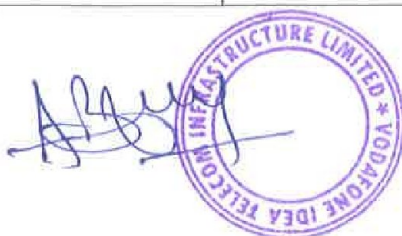




## CHECK - LIST

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

S.NO	ITEM	INFORMATION/STATUS	REMARKS
1	General Information		
1.1	Name and Address of the Applicant / Agency	Vodafone Idea Telecom infrastructure Limited, 6th floor, Varun Tower-II, Begumpet, Hyderabad-500016, Telangana, India	
1.2	National Highway Number	NH-16	
1.3	State	ANDHRA PRADESH	
1.4	Location	at Vaddeswaram village, Tadepalli Mandal, Guntur District.	
1.5	Chainage in Km	From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District, Andhra Pradesh	
1.6	Length in Meters	1120	
1.7	Width of available ROW		
	(a) Left side from center line towards increase chainage/km direction	As per drawing attached	
	(b) Right side from center line towards increase chainage/km direction	As per drawing attached	
1.8	Proposal to lay the utility		
	Along the Naional Higway		
	(a) Left side from center line towards increase chainage/km direction	460m	
	(b) Right side from center line towards increase chainage/km direction	460m	
	Across the Naional Higway		
	(a) Left side from center line towards increase chainage/km direction	100m	
	(b) Right side from center line towards increase chainage/km direction	100m	
1.9	Proposal to acquire land		
	(a) Left side from center	Nil	
	(b) Right side from center	Nil	
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	At The edge of the 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	4/6 lanes	
1.13	Proposed number of lanes (2 lane with paved shoulders/4 / 6/8 lanes	NA	
1.14	service road existing or not	Enclosed	
	If yes then which side		
	(a) Left side from center	Yes	
	(b) Right side from center	Yes	
1.15	proposed service road		
	(a) Left side from center	NA	
	(b) Right side from center	NA	
1.16	Whether proposal to lay utility is after the service road or between the service road and main carriageway	after the service road, and within RoW	
1.17	Whether carrying of sewage/oFC 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/oFC 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 Crossings of the road involved If yes, it shall be either encased in pipes or through structure or conduits specially built for that purposed at the expense of the agency owning the line.	Not Applicable	
	a) Whether the existing drainage structures are allowed to carry the OFC	No	
	b) Is it on a line normal to NH	Yes	
	c) What is the distance of crossing the utility OFC from the exisllng structures? Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter	Not Applicable	



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	d) The casing pipe (or Conduit pipe in the case of electric cable) carrying the utility line steel, cast iron or reinforced concrete and have adequate strength and large enough to permit ready withdrawal of carrier pipe/cable. Mention on type of casing.	Not Applicable	
	e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as drainage path.	will be followed	
	f) The casing/conduit pipe should be as minimum extend from drain to drain in cuts and toe of slope in the fills.	will be followed	
	g) The top of the casing/conduit pipe should be at least 1.5 meter below the surface of the road subject to being at least 0.3m below the drain inverts. Mention the proposed details.	The proposed conduit pipe will be at a depth of 1.65 mtr	
	h) Mention the methodology proposed for crossing of the road for the proposed sewage/OFC. Crossing shall be by boring method (HDD) (Trenchless Technology), specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Usig HDD Methodology	
	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.	will be followed	
2	<b>Document/drawing enclosed with the proposal</b>	YES Enclosed	
2.1	cross section showing the size of trench for open trenching method.	YES Enclosed	
	Is it normal size of 1.5m deepX0.3m wide.	Yes	
	i) Should 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.	Drawing Enclosed	
	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/OFC, 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 OFC	Yes	
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 of trench.	Yes, Methodology of OFC laying 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.	NA	
	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	HDD (horizontal directional drilling) method	Details provided in Methodolog of laying.	
2.4.3	Methodology for laying of the OFC through CD works and method laying. In case where the carrying of OFC on the bridge becomes inescapable.	Yes, Methodology of OFC laying attached.	
3	<b>Draft license Agreement signed by two witness</b>	Yes, 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's 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 Vodafone Idea Telecom infrastructure Limited	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.	Conformation of BG shall be obtained after BG submission by from M/s Vodafone Idea Telecom infrastructure 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	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI.	Yes	
5.3	Undertaking for confirming all standard condition of MoRTH/NHAI's guidelines.	Yes	
5.4	Undertaking for Indemnity against all damages and claims.	Yes	
5.5	Undertaking for management of traffic movement during laying of utility line without hameering the traffic.	Yes	
5.6	If any claim is raised by the concessionaire then the same has to be paid by the applicant	Yes	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of instalation shifting or repairs or alteration to the utility located in the National Highway Right of Ways.	Yes	
5.8	Undertaking that expenditure if any incurred by NHAI for repairing any damage caused to the NH by laing, maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	Yes	
5.9	Undertaking that test 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	
5.10	Undertaking that the applicant has obtained various safety clearance 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 satutory 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	



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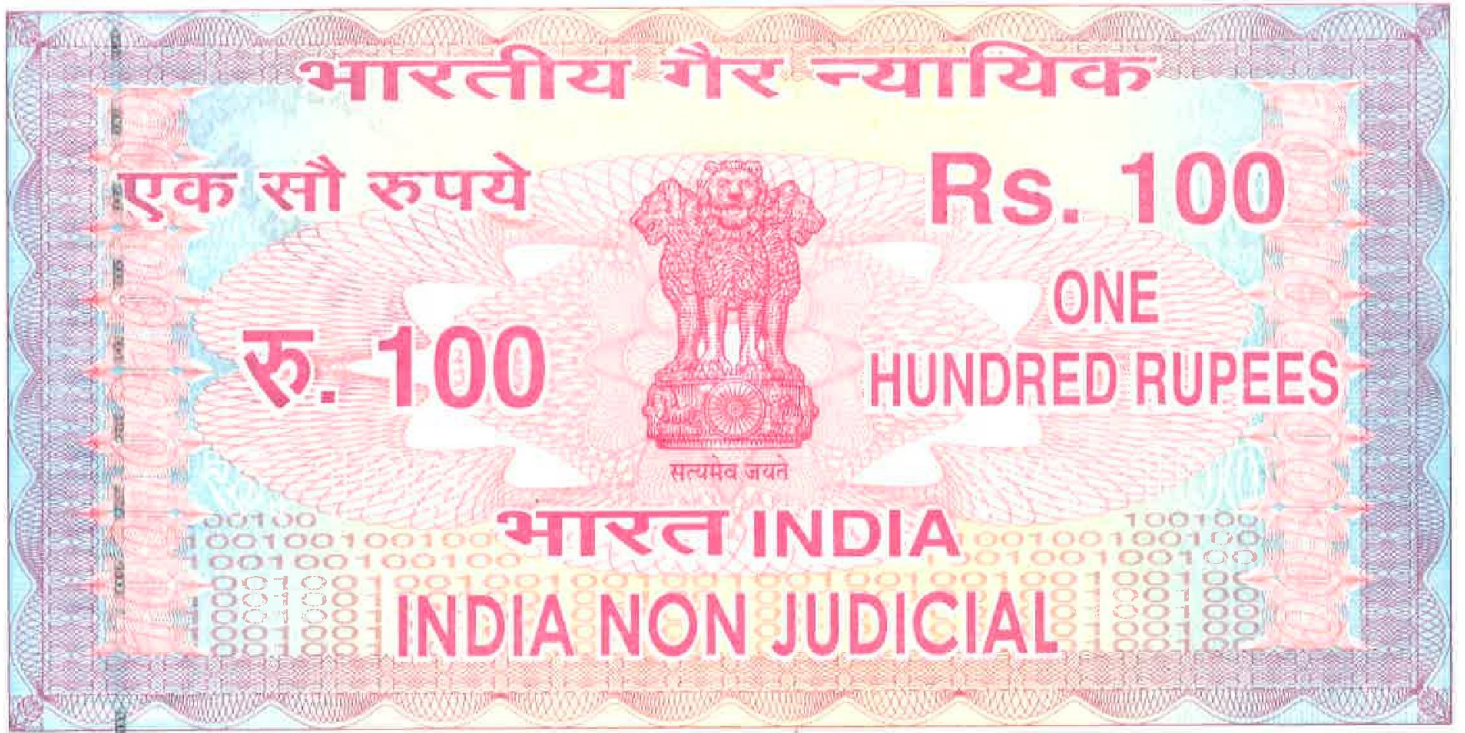
5.12	<p>Certificate form the applicant in the following format</p> <p>i) Laying of OFC will not have any deleterious effects on an of the bridge corriponents and roadway safety for traffic.</p> <p>ii) we do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future 4/6 laning or/any other development.</p>	Yes	
6	Who will sign the agreement on behalf of OFC line agency? Power of Attorney to sign the Agreement is available or not.	Vodafone Idea Telecom infrastructure Limited.	
7	The Project Director shall submit the following Certificates		
7.1	Certificate that the proposal is confirming to all stands conditions issued vide MoRTH circular No.RW/NH-33044/29/2015/S&R * dated : 22.11.2016.	Yes	
7.2	Certificate from the PD in the following format i) "It is certified that an other location of the OFC would be extrenely difficult and unneasonably costly and the Installation of OFC 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	Yes	
	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".	PD, PIU-Amaravati	
	b) In case feasibility report is not available " I do certify that sufficient ROW is available at the site for accommodating proposed six-laning".	Enclosed	
8	if NHAI section proposed to be taken up by NH on BOT basis- a clause ia to be inserted i the agreement " the permitted highway on which license has been granted the right lay OFC duct has also been granted as a right of way concessionable under the concession agreement for up gradatio of NH-16 Kolkatha-Chennai Section , From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of~1120 Mtrs, at Vadeswram village, Tadepalli Mandal, Guntur District, Andhara Pradesh on Build, Operate and Transfer Basis] and therefore , the licensee shall honour the same.	NA	
9	Who will supervise the work of laying of Utility pipe line		
	a) On behalf of the applicant.	Area Manager, Vodafone Idea Telecom infrastructure Limited.	
	b) On behalf of MoRTH/NHAI	NHAI PIU, Amaravati/IE/Consultant	
10	Who will ensure that the defects in road portion after laying of OFG are corrected and if not corected then what action will be taken		
	a) On behalf of the applicant.	Area Manager, Vodafone Idea Telecom infrastructure Limited	
	b) On behalf of MoRTH/NHAI	NHAI PIU, Amaravati/IE/Consultant	
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the Concessionaire?	Vodafone Idea Telecom infrastructure 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	
13	If any previous approval is accorded for laying of cable 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



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

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



ఆంధ్రప్రదేశ్ రాష్ట్రం ANDHRA PRADESH 25 OCT 2021  
 No. 5763 Date. 25-10-2021 Rs. 100/-

Issued to Sri: A.S. Kumar S/o Venkateswarlu, VSA  
 For Whom: Vodafone Idea LTD. VSA

CU 216028  
 Ch. Mahalakshmi  
 CH. MAHALAKSHMI  
 LICENCED STAMP VENDOR  
 O.L. No: 06-27-012/2012  
 R.L. No: 06-27-011/2019  
 VALID UP TO 31-12-2021  
 D.No: 7759/18, Mahalakshmi Nagar,  
 Payalapuram, VIJAYAWADA-15,  
 Cell: 9951025826

#### Annexure-II

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

Agreement to lay Telecom Cables/ OFC/ducts From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District in the state of Andhra Pradesh.

This Agreement made this day of 2021 between acting in his executing capacity through (Hereinafter referred to the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part, and M/s Vodafone Idea Telecom infrastructure Limited., a company reregistered under the companies Act, 1956 and having its Registered office at 6th floor, Varun Tower-II, Begumpet, Hyderabad-500016, Telangana, India (Hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

Whereas the PD, NHAI, PIU-Amaravati is responsible, inter-alia, for development and maintenance of lands in.....

Whereas the Licensee proposes to lay Telecom cables/ducts referred to a utility services in subsequent paras.





Whereas the Licensee has applied to the Authority for permission to lay Telecom Cables/ducts From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District, Andhra Pradesh.

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

Now this agreement witnesses 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 telecom cables/ducts as per the approved drawing attached hereto subject to the 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 utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provision/scope of activities defined in the license agreement & 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 RoW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirement being fulfilled. Decision of the Authority in relation to fulfilment of technical requirement shall be final and binding on all concerned parties. In case any disruption/damage is 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 & 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 fees @ Rs. .... sq m/ month to the Authority. The License fee shall become payable from the date of handing over of RoW land to the Licensee, for laying of utilities/cable/conduits/pipelines 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 cable/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 service 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 embankment, 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 License 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 superstructure. 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 License. ✓
9. In exceptional cases, where ROW is restricted the utility service can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility service be laid in concrete ducts, which will be designed to carry traffic on top. The width of the ducts shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility service 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 the National Highways. Towards this, the top of the utility services shall be at least 0.6 metre 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 in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry. ✓
12. Existing drainage structures shall not be allowed to carry the lines across. ✓
13. The top of the 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 clearance is given Attachment-I. ✓
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable. ✓
15. The Telecom Cables / Ducts 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 60cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in below or as supplied by the Highway Authority.
- Bedding shall be to a depth not less than 30cm. it shall consist of granular material, free of lumps, colds and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edge should be excavated and replaced by selected material.
  - The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to bottom of the road crust.
  - 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.
  - The road crust shall be built to the same strength as the existing crust oneither side of the trench or to thickness and specification 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 50m 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.100 Per route metre / Rs..... per sq m 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/it's designed agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility service & interference, interruption, disruption or failure caused thereof to any service 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 case the work completed herein is



~~Complete~~  
not contemplated 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 with 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 telecom cables/ducts. 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 condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in coordination 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 replacement sought for, at the cost and risk of the Licensee. The concerned agency in coordination with Authority shall also have a right 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 damage 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 day 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 are 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 damaged 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 only for the period it is issued and fee deposited. However, the Authority also 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 prior written permission of the 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 geo-tagged photographs and geo-tagged video recording 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 authorised 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 drawing and the 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 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 standard and follow best industry practices, methods and standard 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 practice, methods and standards shall be adjusted as necessary, to take account of:
- a. Operation, repair and maintenance guidelines given by the manufacturers,
  - b. The requirements of Law,
  - c. The physical conditions at the site, and
  - d. The safety of operating personnel 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 produces due to excavation of trenching at least 50m away from the edge of the ROW.
42. Any dispute 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. MORT&H/NHAI/implanting



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 WHERE OF THE PARTIES HERE TO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED SEALED AND DELIVERED FOR AND BEHALF OF AUTHORITY BY SHRI \_\_\_\_\_

(Signature, name & address with stamp)

SIGNED ON BEHALF OF M/S Vodafone Idea Telecom infrastructure Limited,

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

A handwritten signature in blue ink is written over a circular purple stamp. The stamp contains the text "VODAFONE IDEA TELECOM INFRASTRUCTURE LIMITED" around the perimeter.

(Signature, name & address with stamp)

HOLDER OF GENERAL POWER OF ATTORNEY DATED \_\_\_\_\_  
EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO. \_\_\_\_\_ DATED  
PASSED BY THE BOARD OF DIRECTORS IN THE MEETING HELD ON THE PRESENCE OF  
(WITNESSES):

- 1.
- 2.





We, **M/S Vodafone Idea Telecom Infrastructure Limited, 6th floor, Varun Tower-II, Begumpet, Hyderabad-500016, Telangana, India**, do hereby Indemnity Project Director, National Highway Authority of India, PIU, Amaravati binding ourselves to pay all the losses and claims in respect of Right of way permission for laying Optical Fiber Cable Kolkata - Chennai section of NHAI (NH-16) road From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District in the state of Andhra Pradeshor maintenance thereof and against all claims proceedings, damage costs, charges and expenses whatsoever in respect thereof in relation there to. Failing such payments of claims in the above work abide in accepting for recovery of such claims after from any of our assets.

**M/S Vodafone Idea Telecom Infrastructure Limited,**

A handwritten signature in blue ink is written over a circular purple stamp. The stamp contains the text "VODAFONE IDEA TELECOM INFRASTRUCTURE LIMITED" around the perimeter and a small star in the center.

Authorized Signatory





25 OCT 2021

ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

S.No. 5764 Date 25-10-2021 RS: 20/-

Sold to Sri: A.S. Kumar S/o Venkateswarlu VJA

For Whom: Vodafone Idea LTD. VJA

81AA 147393  
CH. Mahalakshmi  
CH. MAHALAKSHMI  
LICENCED STAMP VENDOR  
O.L. No: 06-77-012/2012  
R.L. No: 06-77-011/2019  
VALID UPTO: 31-12-2021  
D.No: 77-S1/1-18, Prakash Nagar,  
Payasaram, VIJAYAWADA-16,  
Cell: 9951025826

#### UNDERTAKING

We, M/S Vodafone Idea Telecom infrastructure Limited, 6th floor, Varun Tower-II, Begumpet, Hyderabad-500016, Telangana, India, hereby do undertake in Reference to our ROW Application for the route NH-16, From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District in the state of Andhra Pradesh.

We undertake to relocate Cable lines/Utilities at our own cost, notwithstanding the permission granted within such time as will be stipulated by NHAI " for future Six or Eight laning or any other development".

M/S Vodafone Idea Telecom Infrastructure Limited

Authorized Signatory





25 OCT 2021

ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

S.No. 5747 Date 25-10-2021 Rs. 20/-

Sold to Sri: A.S. KUMAR S/o Venkateswaraiah. VJA

For Whom: Vodafone Idea LTD. VJA

81AA 147396  
 CH. MAHALAKSHMI  
 LICENCED STAMP VENDOR  
 O.L. No: 06-17-012/2012  
 R.L. No: 06-17-011/2019  
 VALID UP TO: 31-12-2021  
 D.No: 77-51/1-16, Prakash Nagar,  
 Rayachoti, VUDAYAWADA-15.  
 Cell: 9951025826

**UNDERTAKING**

We, **M/S Vodafone Idea Telecom Infrastructure Limited**, here by do undertake in Reference to our ROW Application for the route NH-16 From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District in the state of Andhra Pradesh.

As per the contract of National Highways (Land & Traffic) Act, 2002 & the Highway Administration 2004, the necessary fee payable for the use of National Highway Land will be paid as & when required by NHAI.

Vodafone Idea Telecom Infrastructure Limited,

Authorized Signatory







25 OCT 2021

ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

S.No. 5751 Date 25-10-2021 Rs. 20/-

Sold to Sri: A.S. Kumar S/o Venkateswarlu. VJA

For Whom: Vodafone Idea LTD. VJA

81AA 147400

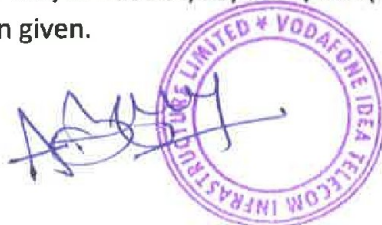
Ch. Mahalakshmi  
CH. MAHALAKSHMI  
LICENCED STAMP VENDOR  
O.L. No: 06-77-012/2012  
R.L. No: 06-77-011/2019  
VALID UP TO 31-12-2021  
D.No: 77-51-1-05, Prakash Nagar,  
Payalapuram, Vijayawada-15.  
Cell: 9951025826

#### Annexure-VI

#### UNDERTAKING

We, M/sVodafone Idea Telecom Infrastructure Limited, 6th floor, Varun Tower-II, Begumpet, Hyderabad-500016, Telangana, India laying of optical fiber cables along From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District in the state of Andhra Pradesh.

We hereby, undertake the Standard Conditions of NHAI: vide circular no MoRT&H circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 guidelines as per check list has been given.





**5.1. Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency:** Regarding the location of other cables, underground installation/utilities etc, the M/sVodafone Idea Telecom Infrastructure Limited, shall be responsible to ascertain from the respective agency in coordination with NHAI. The M/sVodafone Idea Telecom Infrastructure Limited shall ensure the safety and security of already existing Cables/underground installation/utilities facilities etc. before commencement of the excavation.

**5.2. Renewal of Bank Guarantee:** The M/S Vodafone Idea Telecom Infrastructure Limited shall furnish a Bank Guarantee @ Rs100/- per running meter to the NHAI, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cable/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the M/sVodafone Idea Telecom Infrastructure Limited for clearing debris/loose earth. In case the work contemplated here with is not completed to the satisfaction of the NHAI, which has granted the permission, within a period of 11 months from the date issue of the bank guarantee, the M/s Vodafone Idea Telecom Infrastructure Limited shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of the M/s Vodafone Idea Telecom Infrastructure Limited failing to discharge the obligation of making good the excavated trench, the NHAI shall have a right to make good damages caused by excavation, at the cost of the M/s Vodafone Idea Telecom Infrastructure Limited and recover the amount by invoking the bank guarantee furnished by the M/s Vodafone Idea Telecom Infrastructure Limited.

**5.3. Confirming all standard condition of NHAI:**

- (i) The period of validity of way permission shall be co-terminus with the validity of license given by the Ministry of communications/DOT.
- (ii) The cable shall be laid at the edge of the right of way within 2m utility corridors.
- (iii) The top of the casing conduit pipe containing the cables shall be at least 1.60m below the surface of the road subject to being at least 0.3m below the drain inverts.
- (iv) The licensee has to cross the NH by horizontal drilling method (trenchless technology only). In case any damage is caused to the road pavement in this process, the M/sVodafone Idea Telecom infrastructure Limited will be required to restore the same to the original condition at his own cost.
- (v) Existing CD works shall not be allowed for laying the OFC and shall be crossed by HOD method only.
- (vi) No trenching will be done on link road, boring method will be used in link road and cable will be laid at the extreme edge of the non -BT surface only.
- (vii) The licensee shall inform/give a notice to the NHAI, Govt. of India or its authorized agency at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ RS100/- per meter length for



- maintenance/repair work shall have to be furnished by the M/s Vodafone Idea Telecom Infrastructure Limited.
- (viii) Each day, the extent of digging the trenches should be strictly regulated so that cables are 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 NHAI.
- (ix) The License shall indemnify the concerned agency in co-ordination with NHAI, against all damages and claims, if any, due to the digging of trenches for laying cables/ducts.
- (x) The NHAI has a right to terminate the permission or to extent the period of agreement. In case the M/s Vodafone Idea Telecom Infrastructure Limited wants shifting, repairs or alteration to telecom cables/ducts, he will have to furnish a separate bank guarantee.
- (xi) The Licensee shall not without prior permission in writing from the NHAI Govt. of India or its authorized agency undertake any work of shifting, repairs or alterations to the said telecom cables/ducts.
- (xii) The permission granted shall not in any way be deemed to convey to the M/s Vodafone Idea Telecom Infrastructure Limited any ownership right or any interest in route/road/Highway/land/property, other than what is herein expressly granted.
- (xiii) During the subsistence of this agreement, the laying telecom cables/ducts located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NHAI so that the right of the M/s Vodafone Idea Telecom Infrastructure Limited to the use thereof shall not become absolute and indefeasible by laps of time.
- (xiv) The M/s Vodafone Idea Telecom Infrastructure Limited shall bear the stamp duty charged for the agreement.
- (xv) The telecom cables shall not be brought in to use by the M/s Vodafone Idea Telecom Infrastructure Limited unless a completion certificate to the effect that the laying telecom cables/ducts has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
- (xvi) Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the for breach of any condition to the same and the M/s Vodafone Idea Telecom Infrastructure Limited 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.
- (xvii) The Licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance. If NHAI is required to do some emergent work the Vodafone Idea Telecom Infrastructure Limited will provide an observer within 24 hours. NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise.

**5.4.** The enforceability of the Right-of way permission granted here in shall be restricted to the extent of provision/scope of service contained/defined in the license agreement of the License with Department of Telecommunications and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-





of way facility is not to enhance the scope of M/sVodafone Idea Telecom Infrastructure Limited.

**5.5. Prior approval of the NHAI/R&B NH Div:** The Vodafone Idea Telecom Infrastructure Limited shall be obtained the prior approval for repair and any damages caused to the NHAI/R&B NH Div. by laying maintenance/shifting of the utility line will be borned.

**5.6. Shifting of OFC as and when required by NHAI:** The M/sVodafone Idea Telecom Infrastructure Limited Shall shift the cables/ducts within 90 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the cables/ducts, 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 condition at his own cost and risk

**5.7. Shifting Due to6 Lanning /widening of NHAI:**After the termination/ expiry of the agreement, the M/sVodafone Idea Telecom Infrastructure Limited shall remove cables/ducts within 90 days and the site shall be brought back to the original condition failing which the M/s Vodafone Idea Telecom Infrastructure Limited will lose the right to remove the cable/ducts. However, before taking up the work of removal of cables the M/s Vodafone Idea Telecom Infrastructure Limited shall furnish a bank guarantee to the owner for a period for a period of one year for an amount assessed, by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.

**5.8. Traffic Movement during tying of OFC to be managed by the applicant:** If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of M/s Vodafone Idea Telecom Infrastructure Limited.

**5.9. If any claim is raised by the concessionaire, then the same has to be paid by the applicant:**

M/s Vodafone Idea Telecom Infrastructure Limited shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of the M/s Vodafone Idea Telecom Infrastructure Limited. The concerned agency coordination with NHAI shall also have a right to make good search damages /recover the claims by way of invoking of bank guarantee furnished by the M/s Vodafone Idea Telecom Infrastructure Limited. if the M/s Vodafone Idea Telecom Infrastructure Limitedfails to comply with condition 5 and 6 above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of the M/s Vodafone Idea Telecom Infrastructure Limited.

The text of the license deed is as per verbatim of MoRTH format (issued vide Ministry's circular No.RW/NH-33044/29/2015/S&R® dated 22.11.2016) will be followed.

Yours sincerely

**M/sVodafone Idea Telecom Infrastructure Limited**

  
Authorized signatory





ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

S.No. 5754 Date 25-10-2021 No. 20

Sold to Sri: A.S. Kumari S/o Venkateswaraiah. VSA


For Whom: Vodafone Idea LTD. VSA

81AA 147403  
CH. MAHALAKSHMI  
LICENCED STAMP VENDOR  
O.L. No: 06-27-012/2012  
R.L. No: 06-27-013/2019  
VALID UP TO 31-12-2021  
D.No: 77-51/1-18, Prakash Nagar,  
Payakapuram, VIJAYAWADA-15.  
Cell: 9951025826

### UNDERTAKING FOR PERFORMANCE BANK GURANTEEE

**Name of Work :** To lay Telecom Cables/OFC/ducts along NH-16, From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District, Andhra Pradesh under the Jurisdiction of NHAI, PIU Amaravati.

We, **Vodafone Idea Telecom infrastructure Limited**, having its registered office at Vodafone Idea Telecom infrastructure Limited, 6th floor, Varun Tower-II, Begumpet, Hyderabad-500016, Telangana, India, do hereby undertake to furnish a **Performance Bank Guarantee @ Rs.100 per route meter** for a period of one year initially (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in

terms of filling/unsatisfactory compaction/damages caused together underground installation/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case, M/s. Vodafone Idea Telecom Infrastructure Limited failing to discharge the obligation of making good the damages caused due to excavated trench, the NHAI shall have a right to make good the damages caused due to excavation at the cost of the M/s. Vodafone Idea Telecom Infrastructure Limited and recover the amount by invoking the Bank Guarantee. In case the work contemplated is not completed to the satisfaction of Authority, which has granted the permission, within a period of 11 months from the date of the Bank Guarantee, M/s. Vodafone Idea Telecom Infrastructure Limited shall either furnish a fresh guarantee or extend the guarantee for a future period of one year.

**For Vodafone Idea Telecom Infrastructure Limited**

  
Authorized Signatory







25 OCT 2021

ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

S.No. 5759 Date 25-10-2021

Sold to Sri: A.S. kumari slo Venkateswari, VSA

For Whom: Vodafone Idea LTD. VSA

81AA 147408  
Ch. Mahalakshmi  
CH. MAHALAKSHMI  
LICENCED STAMP VENDOR  
O.L. No: 06-27-012/2012  
R.L. No: 06-27-011/2019  
VALID UP TO 31-12-2021  
D.No: 77-611-70, 100, 100 Nagar,  
Payakapuri, Vijayawada-15.  
Cell: 9951025026

### UNDERTAKING/AFFIDAVIT

We, **M/S Vodafone Idea Telecom Infrastructure Limited**, here by do undertake in Reference to our ROW Application for the route From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District, Andhra Pradesh under the Jurisdiction of NHAI, PIU Amaravati.

We here by undertake the following conditions with reference to the above cited work:

1. Not to damage any other utility, if damage then to pay the losses either to NHAI or to the concerned agency.





2. in case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission within a period of 11 months from the date of issue of the Bank Guarantees, M/S Vodafone Idea Telecom Infrastructure Limited, shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
3. The subject sited proposal is confirming all standard conditions of NHAI's Guidelines.
4. we will shift the OFC as and when required by NHAI at our own cost.
5. we will shift the OFC due to 6 laning /widening of NH at our own cost.
6. we shall indemnify to road authority against all damages and claims clause (xxiii).
7. we will manage the traffic movement during laying of OFC cable.
8. if any claims raised by the Concessionaire, then the same has be paid by us (M/S Vodafone Idea Telecom Infrastructure Limited)
9. we do undertake that M/S Vodafone Idea Telecom Infrastructure Limited, will relocate service roads/approach road utilities at our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laning or any other development.
10. Laying of OFC cable will not have any deleterious effects on any of the bridge components and roadway safety for traffic.
11. Prior approval of the NHAI shall be obtained before undertaking of any work of installation, shifting or repairs, or alternation to the showing OFC cable located in NH ROW.
12. Expenditure, if any, incurred by NHAI for repairing any damage caused to NH by laying. Maintenance or shifting of the OFC cable will be borne by us (M/S Vodafone Idea Telecom Infrastructure Limited) owing the line.
13. 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 MoRTH/NHAI at our own cost owning the utility line within a reasonable time (not exceeding 90 days) of the intimation given.

**For Vodafone Idea Telecom Infrastructure Limited**

  
Authorized Signatory

10



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

25 OCT 2021

S.No. 5761 Date: 25-10-2021 R. 20

Sold to Sri: A.S. Kumari S/o Venkateswararao. USA

For Whom: Vodafone Idea LTD. USA

81AA 147410

CH. MAHALAKSHMI

LICENCED STAMP VENDOR

O.L. No: 06-27-012/2012

R.L. No: 00-17-011/2019

VALID UP TO: 31-12-2021

D.No: 77-511-16 P. Ch. Nagar,

Payasapuram, VILAYANADA-15.

Cell: 9951025826

#### UNDERTAKING

**Name of Work:** To lay Telecom Cables/OFC/ducts along From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District, Andhra Pradesh under the Jurisdiction of NHAI, PIU Amaravati.

We, **Vodafone Idea Telecom Infrastructure Limited**, having its registered office at **6th floor, Varun Tower-II, Begumpet, Hyderabad-500016, Telangana, India**, do hereby undertake that

As per MoRT&H Circular No.RW/NH-33044/29/2015/S&R(R) Dated:22<sup>nd</sup> November, 2016 the necessary guarantee for the use of National highway land will be submitted as and when required by the NHAI.

For Vodafone Idea Telecom Infrastructure Limited

Authorized Signatory





### Annexure-III

#### Enclosure to MOST (Dept. Of RT & H) Letter No.RW/NH-33044/29/2015/S&R(R)

Format for maintaining Records of Right of way permission granted for laying OFC

(To be maintained separately for every NH and State, every PWD Division or equivalent)

1. Name of state : ANDHRA PRADESH
2. Name of Agency (PWD/BRO/NHAI) : NHAI
3. Name of PWD Division or Equivalent : Amaravati
4. NH Number : NH-16

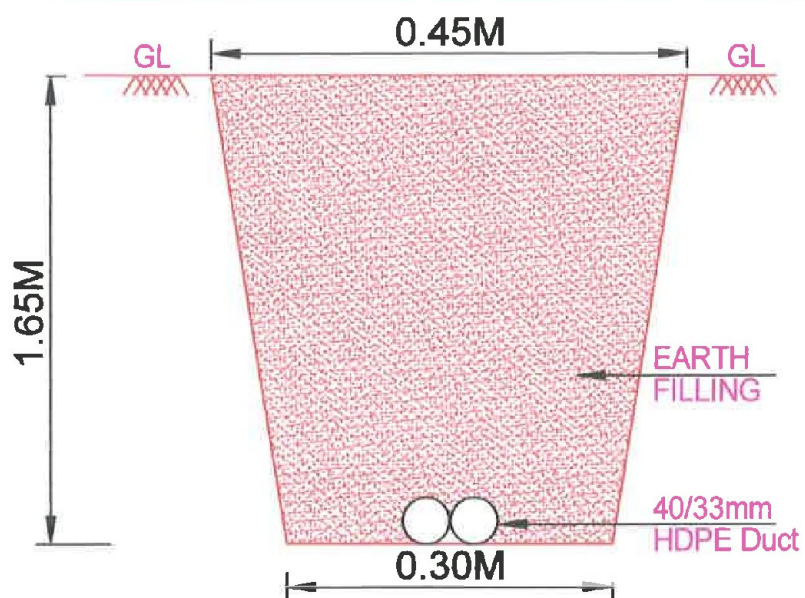
Location (chainage in KM)	Left or Right side of NH (towards increasing chainage km direction)	Section and reach	Kind of service	Name of licensee and contract address	Date of signing of agreement	Date of Validity of agreement	Date of last inspection agreement of site	Any deviation from MoRTH standard norms	Remarks
From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of <b>1120 Mtrs,</b>	Left & Right as shown in diagram	Kolkata - Chennai	OFC (Fiber)	M/s. Vodafone Idea Telecom Infrastructure Limited, 6th floor, Varun Tower-II, Begumpet, Hyderabad-500016, Telangana, India. Visakhapatnam, AP 530003, India				NO	

*[Signature]*

*[Circular Stamp: VODAFONE IDEA TELECOM INFRASTRUCTURE LIMITED]*



TYPICAL CROSS SECTION OF TRENCHING FOR OFC LAYING



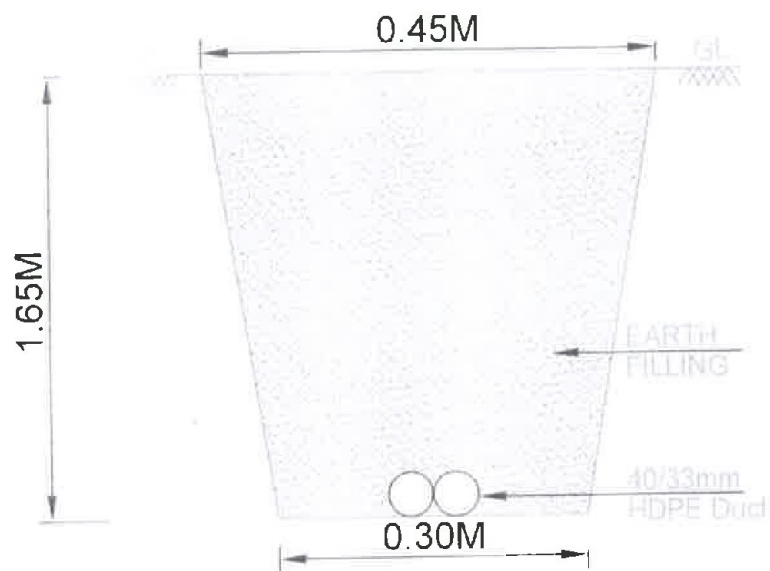
*[Signature]*

**INFRASTRUCTURE LIMITED \* VODAFONE IDEA TELCOM**

*[Signature]*

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

A. CROSS SECTION OF TRENCHING FOR OFC LAYING



### Methodology adopted for laying of OFC by Open Trench Method

#### General:

After through study of the entire stretch of proposed OFC laying, we have proposed to laying of OFC (Optical Fiber Cable) route NH-16 (Old NH-5) from Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District in the state of Andhra Pradesh.

An indicative diagram is enclosed in the annexure for ready reference.

We have proposed to lay our OFC at 0.5 to 1.0m from the extreme boundary according to the availability of space and in case where there is any possibility of our cable at 1.65m depth with HTP pipe protection. ✓

#### Protection methodology in case of culverts / cannels:

Trench shall be due at the extreme boundary across waterway to culverts/cannels up to the depth of 1.65m below the invert of the culvert/cannel and DWC pipe will be laid with (RCC full round pipe) concrete encasement for further protection.

#### Protection methodology in case of Culverts/cannels:

In case of non compliance, we propose to lay OFC cable by HDD in shorter lengths. However, the same shall be discussed with the NHA, PIU, Amaravati officials on case basis and cable routing shall be decided as per their advice.

### Methodology adopted for laying of OFC by HDD Method:

#### General:

After through study of the entire stretch of proposed OFC laying, we have proposed laying of OFC (Optical Fiber Cable) route NH-16 (Old NH-5) From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of ~1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District in the state of Andhra Pradesh.

An indicative diagram is enclosed in the annexure for ready reference.

Two pits at the extreme edges of the NHA boundary, where HDD is to be done, will be opened and measuring pit size of 1.2m x 1.2m x 1.65m and horizontally directional drilling will be carried out and then the PLB pipe will be pulled.





**Protection methodology is case of culverts/cannels:**

Trench shall be due at the extreme boundary across waterway to culverts/cannels up to the depth of 1.5 to 2.0 mts below the culverts/cannels and PLB pipe will be laid with DWC pipe encasement for further protection.

**Protection methodology is case of culverts/cannels:**

In case of non compliance, we propose to lay OFC cable by HDD in shorter lengths. However, the same shall be discussed with the NHAI, PIU-Amaravati officials on case to case basis and cable routing shall be decided as per their advice.

**Methodology adopted for laying of OFC on Highway Bridges:**

**(for check list point no.1.17 & 1.18)**

**General:**

After through study of the entire stretch of proposed OFC laying, we have proposed to laying of OFC (Optical Fiber Cable) route NH-16 (Old NH-5) from Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of **~1120 Mtrs**, at Vaddeswaram village, Tadepalli Mandal, Guntur District in the state of Andhra Pradesh.

Preferably HDD method will be adopted along the RoW at the extreme edge of the RoW if any hard soil encountered in such cases the following methodology will be followed.

It is proposed to lay OFC over high way bridges through PVC Pipe casing providing in the parapet wall and at the slopes Double Wall corrugated pipe with cement concreting at **0 Cm** depth will be done.

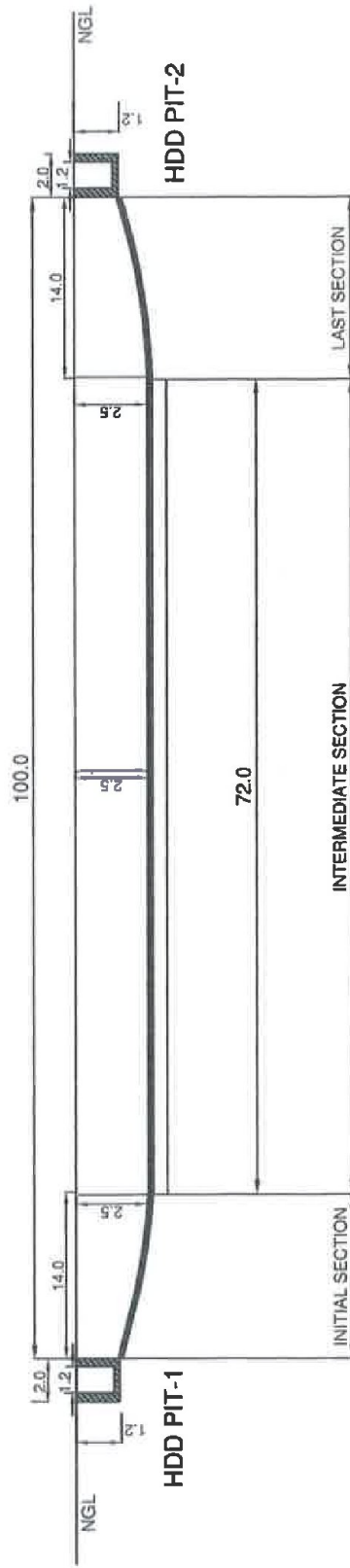
**Protection methodology is case of culverts/cannels:**

Trench shall be due at the extreme boundary across waterway to culverts/cannels up to the depth of 1.65 m below the invert of the culvert/cannels and DWC will be laid with (RCC full round pipe) concrete encasement for further protection.

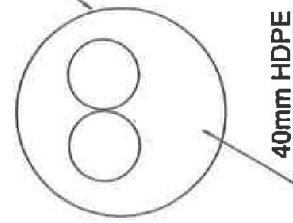
In case of non compliance, we propose to lay OFC cable by HDD in shorter lengths. However, the same shall be discussed with the NHAI, PIU-Amaravati officials on case to case basis and cable routing shall be decided as per their advice.



# Typical Cross Sectional For HDD



Bore Dia 100mm



40mm HDPE 2 Duct



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Project Director  
NHAI, PIU, AMARAVATI.

# ANNEXURE-1

## Calculation of License Fees & Bank Guarantee Amount

Proposal for granting of permission for Laying of Optical Fiber Cable (OFC) along NH-16(NHAI) Kolkata-Chennai Section From Km.430/140 to Km.430/600, along the road on RHS & LHS (both side of the road) and road crossings at 430/140 (LHS to RHS), 430/600 (LHS to RHS), on NH-16 (NH-5 as old NH Number) for Total Length of 1120 Mtrs, at Vaddeswaram village, Tadepalli Mandal, Guntur District, Andhra Pradesh In the state of Andhra Pradesh under the Jurisdiction of NH-44 (NHAI).

Sl.No.	Name of the Village	Chainage		Length Route Mtrs.	Width Mtrs.	Utilized NH Land Area Sq.Mtrs.	Prevailing Circle rate of Land in Rs./Acre (As Per Revenue Records)	Prevailing Circle rate of Land in Rs./Sq.Mtrs. (Rate per Acre/4046.86)	Amount Rs	Remarks
		From (Km)	To (Km)							
1	Vaddeswaram village (RHS)	430.140	430.600	460	0.1	46	18,876,000	4664.36	214,560.00	
2	Vaddeswaram village (LHS)	430.140	430.600	460	0.1	46	18,876,000	4664.36	214,560.00	
3	Road cross Vaddeswaram village	430.140	430.140	100	0.1	10	18,876,000	4664.36	46,644.00	
4	Road cross Vaddeswaram village	430.600	430.600	100	0.1	10	18,876,000	4664.36	46,644.00	
							Total Amount		522,408	
							License Fee (Rs./month)=		522,408/10X12	
							Total License Fees for 5 years=		4,353 X12X5	
							Total License Fees payable M/s., Vodafone Idea Telecom Infrastructure Limited for Laying of Public Utility Service (Telecom Cables)		261,204	
							(For Public Utilit 33% of Industrial Utilities as per point No.5 of MoRTH guidelines vide letter No.RW/NH-3304/29/2015/S&R(R) dated 22.11.2016, 33%).		86,197	

### Performance Bank Guarantee Amount calculation

Amount of the Performance Bank Gurantee to be submit = Total No. of route meter x Rs. 100/- per route meter (<=300mm dia/width)
i.e. 1120 x Rs.100/- = 1,12,000
Performance Bank Guarantee Amount = 1,12,000/-

M/s.,Vodafone Idea Telecom Infrastructure Limited.,



T. SRINIVAS

*[Signature]*

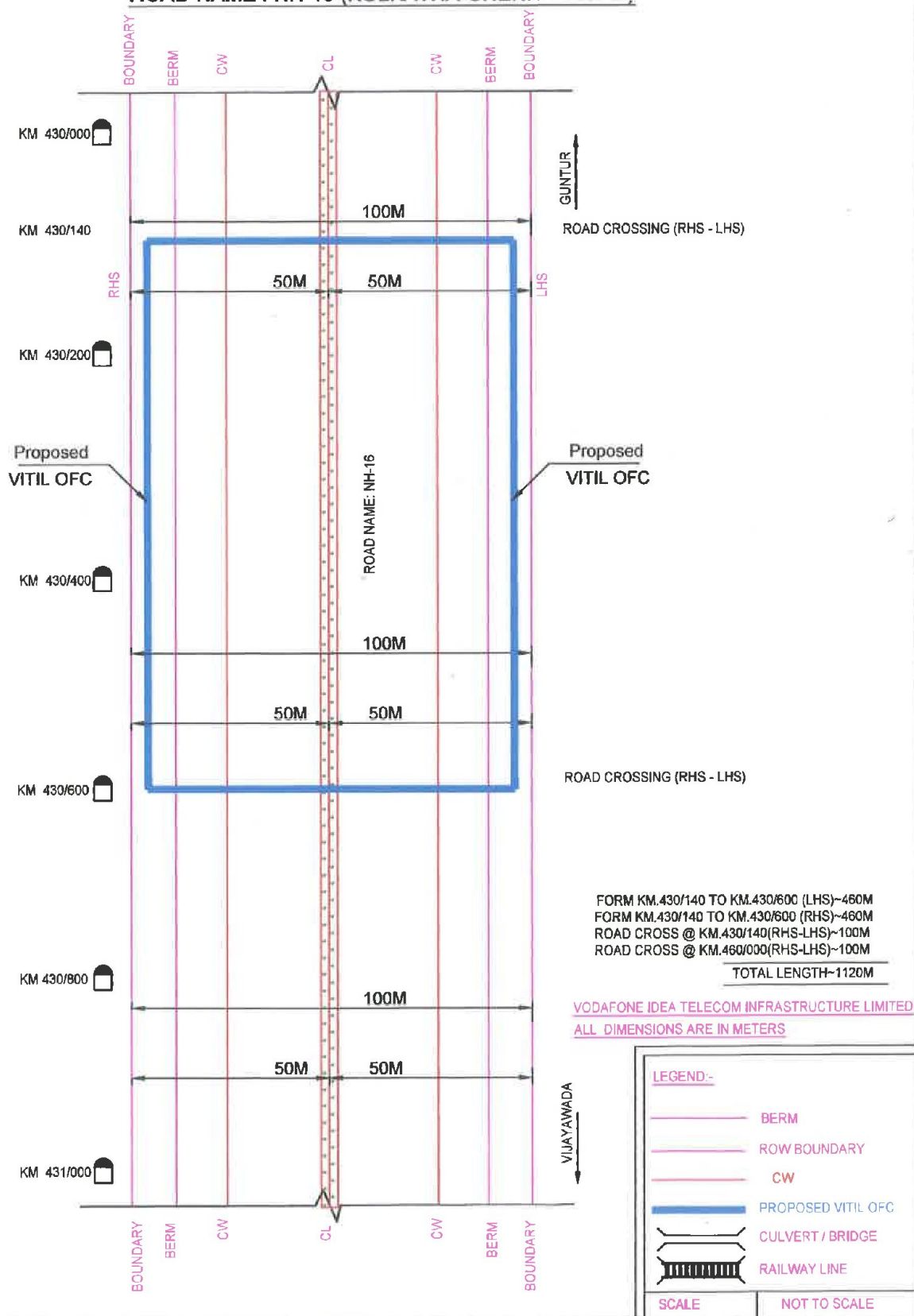
Project Director  
NHAI, PIU- AMARAVATI

*Project Director*  
NHAI, PIU, AMARAVATI.



### ROW PLAN

ROAD NAME : NH-16 (KOLKATHA-CHENNAI ROAD)



FORM KM.430/140 TO KM.430/600 (LHS)-460M  
FORM KM.430/140 TO KM.430/600 (RHS)-460M  
ROAD CROSS @ KM.430/140(RHS-LHS)-100M  
ROAD CROSS @ KM.460/000(RHS-LHS)-100M  

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TOTAL LENGTH-1120M

**VODAFONE IDEA TELECOM INFRASTRUCTURE LIMITED**  
ALL DIMENSIONS ARE IN METERS

**LEGEND:-**

BERM  
 ROW BOUNDARY  
 CW  
 PROPOSED VITIL OFC  
 CULVERT / BRIDGE  
 RAILWAY LINE

SCALE

NOT TO SCALE

**Project Director**  
P. I. U., AMARAVATI.



తెలంగాణ తెలంగాణ TELANGANA

S.No. 4068 Date : 14-07-2021, Rs:100/-

Sold To: HARSHA PATIL,

S/o. MALLESH GOUDA PATIL,

For Whom: M/s. VODAFONE IDEA TELECOM  
INFRASTRUCTURE LTD, R/o. HYDERABAD.

*MD. FAZLULLAH*

AE 889373

MD. FAZLULLAH

Licensed Stamp Vendor, Lic No.15-26-009/2018,  
Renewal No. 15-26-031/2021, B-23/A, Electronics  
Complex, Kushaiguda, Kapra, Medchal-Malkajgiri  
District. Cell: 9963927587

Undertaking for submission of Performance Bank Guarantee

We, Vodafone Idea Telecom Infrastructure Limited, 2<sup>nd</sup> floor, Varun Tower II, Begumpet, Hyderabad-500 016, do hereby undertake to furnish a performance Bank guarantee @ Rs.100 per route meter for a period of one year initially (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in terms of filling/unsatisfactory compaction/damages caused to other underground Installation utility services & interference, interruption, disruption of failure caused thereof to any services etc. In case, Vodafone Idea Telecom Infrastructure Limited failing to discharge the obligation of making good the damages caused due to excavated trench, the NHAI shall have a right to make good the damages caused due to excavation at the cost of the M/s Vodafone Idea Telecom Infrastructure Limited and recover the amount by invoking the bank guarantee. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission, within a period of 11 months from the date of issue of the bank guarantee, M/s Vodafone Idea Telecom Infrastructure Limited shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.

For Vodafone Idea Telecom Infrastructure Limited

Authorized Signatory

*[Signature]*  
*[Signature]*

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INDIA

TELANGANA

### POWER OF ATTORNEY

#### **KNOW ALL MEN BY THIS POWER OF ATTORNEY:**

**WHEREAS** 'Vodafone Idea Telecom Infrastructure Limited', a Company incorporated under the Companies Act, 1956, having its Registered Office at Vodafone House, Corporate Road, Prahlad Nagar, Off S. G. Highway, Ahmedabad – 380 051, Gujarat, India and Corporate Offices at Birla Centurion, 10th Floor, Century Mills Compound, Pandurang Budhkar Marg, Worli, Mumbai-400030 and having its Circle Office at 2<sup>nd</sup> Floor, Varun Tower-II, Begumpet, Hyderabad-500016 (hereinafter referred to as "the Company") have appointed Mr. Sri Harsha Patil as Chief Technology Officer of the Company for the state of Andhra Pradesh, Telangana with effect from 26 August 2020 and has inter-alia, entrusted to him powers and authorities for managing day to day affairs of the Company in the state of Andhra Pradesh, Telangana.

**AND WHEREAS** the Board of Directors of the Company have vide resolution dated 26-Aug-2020 resolved and authorised Mr. Sri Harsha Patil, son of Mallesh Gouda Patil, as Cluster Technology Officer of the company for the state of Andhra Pradesh & Telangana to do all such acts, deeds, matters and things as specified in paragraphs herein.

**AND WHEREAS** Mr. Sri Harsha Patil is authorized to sub delegate to any employee / officer of the company as the Cluster Technology Head may deemed appropriate with further authority to such employee/ officer to further sub delegate and for this purpose to execute where necessary, any letters of authority or power of attorney as he thinks fit and to revoke any such sub delegation.



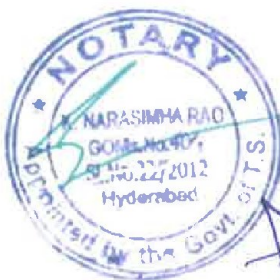
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**AND WHEREAS** the Company has appointed Mr. A. Bapu Reddy, son of late Raji Reddy, as Senior General Manager - Technology of the company for the states of Andhra Pradesh & Telangana.

**NOW KNOW BY ALL THESE PRESENTS WITNESSETH** that I, the said Mr. Sri Harsha Patil in my capacity as the Cluster Technology Officer of the Company for Andhra Pradesh & Telangana, do hereby nominate, constitute and appoint "A. Bapu Reddy" as the true and lawful Attorney of the Company and delegate to him the following powers and authorities, such powers and authorities to be exercised by the said Attorney in all cases subject to the applicable provisions of the Companies Act 2013 and the Articles of Association of the Company and within the limits set out hereunder or as may be delegated by the Board, in the Company's name and on behalf of the Company exclusively and solely for the business and operations / legal matters of the Company, subject to any express limitation imposed by the Board of Directors:

1. To represent the Company as its authorized representative for all intents and purposes before the authorities of Government Departments or Semi - Government Corporations including Central and State Governments and any of the departments related thereto including, without limitation, those departments having authority over civic authorities, Telecom and to sign and execute documents, forms, undertakings, affidavits, applications, letters, receipts and other papers in relation to business of the company.
2. To represent the Company as its authorized representative to all intents and purposes before the authorities of Government Departments or Semi - Government Corporations including Central and State Governments in connection with the business of the Company and to sign and execute documents, forms, undertakings, affidavits, applications, letters, receipts and other papers in relation to apply for to import of Cellular network equipment's from foreign manufactures/dealers /suppliers etc. and for the purpose to apply for requisite import license and also to complete other related formalities in this regard.
3. To generally do all such acts, things and deeds as may be necessary and expedient to give effective discharge to the mandate of these presents, for the aforesaid purpose.
4. To represent the Company to all intents and purposes before the authorities of Bharat Sanchar Nigam Limited (BSNL) and Mahanagar Telephone Nigam Limited (MTNL) in connection with the business of the Company and to sign applications, orders, letters, receipts, documents, papers and writings whatsoever and also to apply for lease lines, Point of Interconnect (POI), PCM links, licenses, permits



*A. Bapu Reddy*

etc. and any other official work for carrying on or developing the business of the Company.

5. To make, sign, execute and register all Letter of Intent, MOU's, contracts, agreements, affidavits and related documents required to be executed by the Company relating to Network operations for and on behalf of the Company upto a value not exceeding Rs.15 million per annum per agreement.
6. To execute and sign leave and license agreement, lease agreement, amenities agreements and / or such similar / incidental agreements / understandings / documents, if any, subject to internal commercial approvals, for any premises and appear before the concerned Sub-Registrar of Assurances & Properties and lodge for registration such agreements, documents, and/or deeds and do all acts, deeds & things for receiving back original documents after registration from the concerned offices of Sub-Registrars.
7. To sign and execute all papers, documents and affidavits for the purposes of instituting, prosecuting and defending legal proceedings (in matters having a total value of less than Rs.15 Million per annum) pertaining to Network operations by or against the Company in all courts, tribunals and offices in India and to act on behalf of the Company in all such proceedings.
8. To make, sign, execute all notices, letters, documents relating to Network operations to be issued to any party/person/ Distributor / Dealer / Franchisee/ Agency for and on behalf of the Company.
9. To be the authorized representative of the Company in dealings with any and all Government Departments, Semi-Government Bodies, Labour Departments, State Governments, Law Enforcement Agencies, Municipal Corporations, and Shops & Establishment Departments pertaining to Network operations in the respective Telecom Service Area mentioned against their name hereinabove for and on behalf of the Company.
10. Subject to any limitations imposed herein, to sub-delegate any to the above powers to any of the officers, member of the staff or employees of the Company or authorized representative of such other person as he thinks fit and to revoke any such sub-delegation.
11. To do such other acts, deeds or things which are required for Network operations in the respective Telecom Service Area mentioned against their name hereinabove as per law subject to the pecuniary limitation



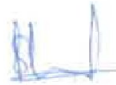
stated herein above and also that which are incidental and ancillary thereto.

**This Power of Attorney shall be valid from the date of execution hereof till the earliest of the following:**

- I. 31-Mar-2022; or;
- II. upon the attorney ceasing to be in employment of the Company or any of its subsidiary; or;
- III. upon earlier revocation by the Company.

**IN WITNESS WHEREOF** the undersigned has set his hand to this deed this \_\_\_\_\_ day of \_\_\_\_\_, 2021 at Hyderabad in the presence of the following witnesses:

**For Vodafone Idea Telecom Infrastructure Limited**



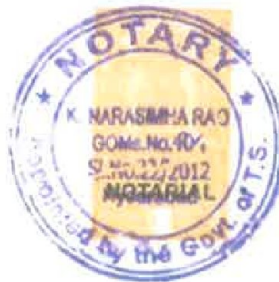
**Sri Harsha Patil**  
Cluster Technology Officer,  
Andhra Pradesh & Telangana

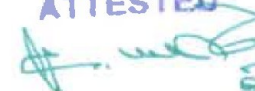
I Accept



**(A. Babu Reddy )**

**Witnesses:**

**ATTESTED**  
  
K. NARASIMHA RAO, B.A., LL.B.  
ADVOCATE / NOTARY  
Appointed by the Govt. of T.S.  
# 10-1-891/401, A.C. Guards  
Khairatabad, HYDERABAD.



# Land Rates Value of Money

District Name: GUNTUR Mandal Name: THADEPALLE  
 City/Town/Village: VADDESWARAN Survey No.: 10/08/2020

S.No.	Habitation	Nature of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1	VADDESWARAN	Dry land	3,390,000	10/08/2020
2	RADHA-RANGA NAGAR	Dry land	3,390,000	10/08/2020
3	VADDESWARAN	Wet Land double crop	3,390,000	10/08/2020
4	RADHA-RANGA NAGAR	Wet Land double crop	3,390,000	10/08/2020
5	VADDESWARAN	House Sites	0	10/08/2020
6	RADHA-RANGA NAGAR	House Sites	0	10/08/2020
7	VADDESWARAN	Land abutting NH/SH/2PP/MPP	18,876,000	10/08/2020
8	RADHA-RANGA NAGAR	Land abutting NH/SH/2PP/MPP	18,876,000	10/08/2020

Back

Note:

The land rates information is not records maintained in registration department for the purpose of helping the recorder/courts to verify the same and for the purpose of the records of market value in a year OR authority due to insurance.

For more details, please visit the Registrar office.

KURUGALAGIRI.

For more details, please visit the Registrar office.

KURUGALAGIRI.

For more details, please visit the Registrar office.

Phone : 1234567

