

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India (Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्रप्रदेश क्षेत्र

Ref: NHAI/RO-VJA/V-G/2017-18/1078.

Office of the Regional Officer, Andhra Pradesh Region



टेली / Tele : 0866-2483910 ई-मेल / E-mail : rovijayawada@nhai.org nhairovja@gmail.com



Date: 09-05-2018

То

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

Sub: Right of Way permission for laying Telecom Cables / OFC / Ducts on National Highways from Km. 262.580 to Km. 262.635 and Km. 262.560 to Km. 262.912 of NH-65 (Old NH9) & Road crossings at Km. 262.580, Km. 262.912 of NH-65 at Guntupalli village, Ibrahimpatnam Mandal, Krishna District on Hyderabad - Vijayawada section in the State of Andhra Pradesh - Public Comments - Reg.

* * * * *

Sir,

Please find enclosed herewith the proposal of M/s. Vodafone Mobile Services Limited for laying of Telecom Cables / OFC / Ducts from Km. 262.580 to Km. 262.635 and Km. 262.560 to Km. 262.912 of NH-65 (Old NH9) & Road crossings at Km. 262.580, Km. 262.912 of NH-65 at Guntupalli village, Ibrahimpatnam Mandal, Krishna District on Hyderabad - Vijayawada section in the State of Andhra Pradesh.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the application along with the recommendation of PD, PIU - Vijayawada 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,

T. M. Keemeer

For Regional Officer, RO - Vijayawada

Encl: As above

Copy to PD, PIU - Vijayawada - for information



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India (Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

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

टेली / Tele : 0866-2483910 ई-मेल / E-mail : rovijayawada@nhai.org nhairovja@gmail.com



Ref: NHAI/RO-VJA/N-V/2017-18/

Date : 09-05-2018

INVITATION OF PUBLIC COMMENTS

Sub: Right of Way permission for laying Telecom Cables / OFC / Ducts on National Highways from Km. 262.580 to Km. 262.635 and Km. 262.560 to Km. 262.912 of NH-65 (Old NH9) & Road crossings at Km. 262.580, Km. 262.912 of NH-65 at Guntupalli village, Ibrahimpatnam Mandal, Krishna District on Hyderabad - Vijayawada section in the State of Andhra Pradesh - Public Comments - Reg.

The Project Director, PIU - Vijayawada submitted a proposal of M/s. Vodafone Mobile Services Limited for laying of Telecom Cables / OFC / Ducts from Km. 262.580 to Km. 262.635 and Km. 262.560 to Km. 262.912 of NH-65 (Old NH9) & Road crossings at Km. 262.580, Km. 262.912 of NH-65 at Guntupalli village, Ibrahimpatnam Mandal, Krishna District on Hyderabad - Vijayawada section in the State of Andhra Pradesh.

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

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

Regional Officer - Vijayawada, National Highways Authority of India, Plot No.21, Teachers' Colony, Gurunanak Nagar Road, Vijayawada, Andhra Pradesh. Pin: 520 008. Email: <u>rovijayawada@nhai.org</u>

For Regional Officer RO - Vijayawada



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India (Ministry of Road Transport & Highways) परियोजना कार्यान्वयन ईकाई Project Implementation Unit डि.नं: 54-20/3-9, प्लाट नं:1, अंबेडकर नगर कॉलोनी(पहला क्रास), गुरुनानक नगर कॉलोनी, विजयवाडा-520 008, आं.

दूरभाष / Phone : 0866 - 254349 ड-मंडल / E-mail : vij@nhai.or nhaipiuvij@gmail.con

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> > TRIC

21/4/8

09th April, 2018

13 APR DUM-T FOS W. 2706 + 13.4-18.

D. No. 54-20/3-9, Plot No. 1, Ambedkar Nagar Colony (1st Cross), Gurunanak Nagar Colony, VIJAYAWADA-520 008. A.P.

Ref : 11070/PIU/V/NHAI/2018/80

To The Regional Officer, National Highways Authority of India, Regional Office, Vijayawada.

Sir.

Sub: NHAI, PIU - Vijayawada - Right of Way permission for laying Telecom Cables / OFC / Ducts on National Highways from Km. 262.580 to Km. 262.635 and Km. 262.560 to Km. 262.912 of NH-65 (Old NH9) & Road crossings at Km. 262.580, Km. 262.912 of NH-65 at Guntupalli village, Ibrahimpatnam Mandal, Krishna District on Hyderabad - Vijayawada section in the State of

It is to submit that, M/s. Vodafone Mobile Services Limited has submitted a proposal for laying of Telecom Cables / OFC / Ducts from Km. 262.580 to Km. 262.635 and Km. 262.560 to Km. 262.912 of NH-65 (Old NH9) & Road crossings at Km. 262.580, Km. 262.912 of NH-65 at Guntupalli village, Ibrahimpatnam Mandal, Krishna District on Hyderabad - Vijayawada section in the State of Andhra Pradesh and requested to accord approval.

- Upon scrutinizing the proposal of M/s. Vodafone Mobile Services Limited by IE as per MORTH Circular dated 22.11.2016 and IE has furnished the following: a) Applicant has furnished the Draft License Agreement as per Appendix of MORTH
 - b) Necessary undertakings are also submitted by M/s. Vodafone Mobile Services
 - c) The proposal comes under category of Public Utility Provider as per Annexure I
- d) OFC Cable route plan chainages, lateral offsets submitted.

e) At 2 locations road crossings are proposed at Km. 262.580 and at Km. 262.912. f) Applicant has furnished Performance Bank Guarantee as per Cl: 6 of MORTH Circular **Rs. 50,000/-** with a validity of 1 year initially (Diameter of bore

निगमित कार्यालय : जी-5 एवं 6. सेक्टर-10. द्वारका, नई दिल्ली- 110 075. वेब सैट : http://www.nhai.org Corporate Office : Plot No. G-5 & 6, Sector - 10, Dwarka. New Delhi - 110 075 Website : http://www.com/actionation/com/ac

- g) Applicant has furnished charges for granting license for use of highway land as per MORTH Circular Cl: 5 Rs. 29,580/- for 5 years period (Initially permission would be valid for a maximum of 5 years at a time).
- h) Certificate from the Project Director is also enclosed.

The proposal is found to be in order and is satisfying with the MORTH Guidelines dated 22.11.2016.

In view of the above, it is recommended to accord permission for laying Telecom Cables / OFC / Ducts on National Highways from Km. 262.580 to Km. 262.635 and Km. 262.560 to Km. 262.912 of NH-65 (Old NH9) & Road crossings at Km. 262.580, Km. 262.912 of NH-65 at Guntupalli village, Ibrahimpatnam Mandal, Krishna District on Hyderabad - Vijayawada section in the State of Andhra Pradesh.

Yours faithfully,

Encl : As above.

(M. Vidya Sagar) Project Director

DOCUMENTS ACCOMPANYING THE PROPOSAL

- Name of Work : Proposal for laying Telecom Cables / OFC / Ducts on National Highways from Km. 262.580 to Km. 262.635 and Km. 262.560 to Km. 262.912 of NH-65 (Old NH9) & Road crossings at Km. 262.580, Km. 262.912 of NH-65 at Guntupalli village, Ibrahimpatnam Mandal, Krishna District on Hyderabad - Vijayawada section in the State of Andhra Pradesh - Reg.
- 1) Checklist for getting approval for laying of optical fiber cables on NH land
- 2) Agreement regarding granting of ROW permissions for laying OFC cables / ducts
- 3) Format for maintaining records of ROW permission granted for laying OFC
- 4) Undertaking for relocation of cable lines / utilities at their own cost
- 5) Undertaking for not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency
- 6) Indemnity Bond
- 7) ROW plans
- 8) Typical cross section of Ducts
- 9) Construction Methodology of OFC laying
- 10)Certificate from the Project Director

(M. Vidya Sagar) 9 4 15 Project Director

CERTIFICATE

- It is certified that all Standard Conditions specified in the proposal from M/s. Vodafone Mobile Services Limited for permission for laying Telecom Cables / OFC / Ducts on National Highways from Km. 262.580 to Km. 262.635 and Km. 262.560 to Km. 262.912 of NH-65 (Old NH9) & Road crossings at Km. 262.580, Km. 262.912 of NH-65 at Guntupalli village, Ibrahimpatnam Mandal, Krishna District on Hyderabad - Vijayawada section in the State of Andhra Pradeshis in conformity of Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.
- 2. It is further certified that there will be no hindrance to existing highway, since the OFC is proposed for laying is at the extreme edge at ROW.
- 3. It is to certify that upon receipt of approval for the above proposal, the same will be entered in the Register of Records of the Permissions in the prescribed proforma.

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(M. Vidya Sagar) 71416 Project Director

Date: 05/02/2018

Ref: Vodafone/ NH-65/ROW/OFC/002

То

The Project Director, D.No.54-20/3-9, Plot No-1 **National Highways Authority of India**, Project Implementation Unit, Vijayawada-520008, Krishna Dist., A.P.

Dear Sir,

Sub: Granting of Right of Way permission for laying Telecom Cables/OFC/Ducts on National Highways from Km 262/580 to Km 262/635 and Km 262/560 to Km 262/912 of NH -65 (Old NH9) & Road crossings at Km 262/580, Km 262/912 of NH65 at Guntupaili Village, Ibrahimpatanam Mandal, Krishna District on Hyderabad-Vijayawada section in the state of Andhra Pradesh - Re-submission - Reg.

Ref : 1) Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016. 2)

With reference to the letter cited above, we are re-submitting the proposal as per the latest Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016 for Granting of Right of Way permission for laying Telecom Cables/OFC/Ducts on National Highways from Km 262/580 to Km 262/635 and Km 262/560 to Km 262/912 of NH -65 (Old NH9) & Road crossings at Km 262/580, Km 262/912 of NH65 at Guntupalli Village, Ibrahimpatanam Mandal, Krishna District on Hyderabad-Vijayawada section in the state of Andhra Pradesh.

We are herewith enclosing herewith 2 sets of Strip plan, HDD methodology, License Agreement and checklist complete in all respect as per Ministry of Road Transport & Highways letter No RW/NH-33044/29/2015 S&R(R) dated 22.11.2016.

We request you to kindly Granting of Right of Way permission for laying Telecom Cables/OFC/Ducts on National Highways and return us one copy of drawing duly sealed and signed as a token of your permission.

Thanking you,

Yours truly,

For M/s Vodafone M Limited Telangan Authorized Signa Encl : As above

Vodafone Mobile Services Limited (CIN - U64202MH1992PLC296375) 6th Floor, Varun Tower II, Begumpet, Hyderabad - 500016 Telangana, India T + 0407171800, F +04027764777

Registered Office : Peninsula Corporate Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai - 400 013, India T +91 22 7171 5000, F +9122 2496 3645, www.vodafone.in

CHECK - LIST

Guidelines for processing the proposal for laying optical fiber cable along National Highways vested with NHAI/PWD/BRO.

Relevant Circulars

t

1) Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016

0.110.	Itelli	Information/Status	Remarks
1.	General Information		Remarks
1.1	Name and Address of the Applican	t/ Vodafone Mobile Services Limited	
	Agency	Registerd under Companies	
		Act.1956 and having its	
		Regd.Office located: Peninsula	
		corporate Park, Ganpatrao Kadam	
		marg, Lower parel, Mumbai-	
		400013, India.	
1.2	National Highway Number	NH-65 (Old NH-9)	
1.3	State	Andhra Pradesh	
1.4	Location		
		Guntupalli Village,	
		at Km 262/580 to Km 262/635	
		and Km 262/560 to Km 262/912	
		of NH -65 (Old NH9) & Road	
		crossings at Km 262/580 & Km	
1.5	(Chainens in K.)	262/912 on HYD-VJA section	
1.5	(Chainage in Km)	Guntupalli Village,	····
		at Km 262/580 to Km 262/635	
		and Km 262/560 to Km 262/912	
		of NH -65 (Old NH9) & Road	
		crossings at Km 262/580 & Km	
		262/912 on HYD-VJA section	
.6	Length in Meters	500mts	
	Width of available ROW		
	(a) Left side from center line to tower	As per Sheet Attached	
	towards increasing chainage/Km		
	direction		
	(b) Right side from center line to tower	As per Sheet Attached	
	increasing chainage/Km direction		
8	Proposal to lay the cables	UG-OFC	
	(a) Left side from center line towards	(At the edge of ROW)	
1	increasing chainage/Km direction	Yes, As per Drawings attached	
((b) Right side from center line towards	(At the edge of ROW)	
ii	ncreasing chainage/Km direction	Yes,As per Drawings attached	
9 F	Proposal to acquire land	Alredy land acquired	
(a) Left side from center line		
(b) Right side from center line	-	
10 V	Whether proposal is in the same side	Yes	
N	where land is not to be acquired		
If	not then where to lay the cable	At the edge of Proposed ROW	
1 D	Details of already laid services, if any,	TATA,BSNL Idea and Airtel	
a	long the proposed route	Bill and All tel	

Check list for getting approvel for laving of OFC cables/Ducts on NH65 land

0 Calangan Project Director 4 NHAL, PIU, VIJAYAWADA

1.13 Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes) NA 1.14 Service road existing or not NO 1.14 Service road existing or not NA (a) Left side from center line NA (b) Right side from center line NA (a) Lift side from center line NA (b) Right side from center line NA (c) Right side from center line NA (d) Lift side from center line NA (e) Lift side from center line NA (f) Whether proposal to laying UG-OFC line is after the service road or between the service road and main carriage way After the service road or between the service road or highway Bridges. 1.17 Whether carrying of sewage/gas pipe line has been propsoed on highway Bridges. NO 1.18 Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. NO 1.19 If crossings of the road involved fir Yes, the mention the methodology proposed for the same NO 1.19 If crossings of the road involved fir Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line. NO a) Whether existing drainage structure allowed to carry utility pipeline. NO <	1.12	Number of existing lanes (2/4/6/8 lanes)	4 Lanes
1.14 Service road existing or not NO If yes then which side NA (a) Left side from center line NA (b) Right side from center line NA (a) Lift side from center line NA (b) Right side from center line NA (c) Dight side from center line NA (a) Lift side from center line NA (b) Right side from center line NA (c) Dight side from center line NA (c) Night side from center line NA (c) The same NO 1.17 Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line. a) Whether existing drainage stru	1.13	Proposed Number of lanes (2 lane with	NA
If yes then which side NA (a) Left side from center line NA (b) Right side from Center line NA (a) Lift side from center line NA (b) Right side from center line NA (c) Right side from center line NO line has been propsoed on highway NO line has been proposed on parapet/any part of the bridges. NO line line has been proposed on parapet/any proposed for the same NO line expenses of the road involved if Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line. a) Whether	1.14		NO
(a) Left side from center line NA (b) Right side from Center line NA (c) Right side from center line NA (a) Lift side from center line NA (a) Lift side from center line NA (a) Lift side from center line NA (b) Right side from center line NA (c) Right side from center line NA (c) Right side from center line NA (a) Lift side from center line NA (b) Right side from center line NA (c) Right side from center line NA (d) Ruther corposal to laying UG-OFC After the service road line is after the service road or between the service road or between the service road or between the service or ad and main carriage way NO 1.17 Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. NO 1.18 Whether carrying of sewage/gas pipe line has been propsoed involved Yes If Yes, the mention the methodology proposed for the same NO 1.19 ft crossings of the road involved Yes If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line. NO <td></td> <td></td> <td>ΝΔ</td>			ΝΔ
1.15 Proposed Service road (a) Lift side from center line NA (b) Right side from center line NA 1.16 Whether proposal to laying UG-OFC After the service road or between the service road and main carriage way 1.17 Whether carrying of sewage/gas pipe line has been propsoed on highway Bridges. NO 1.18 Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. NO 1.18 Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. NO 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 purpose at the expenses of the agency owning the line. NO a) Whether existing drainage structure allowed to carry utility pipeline. NO NO b) Is it on a line normal to NH Yes More than 15.0m c) What is the distance of crossing the utility pipelines from the existing structures. More than 15.0m NA 15 the casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable. NA d) The casing / conduit pipe i Mat NA YES			
(a) Lift side from center line NA (b) Right side from center line NA (c) Right side from center line NA 1.16 Whether proposal to laying UG-OFC line is after the service road or between the service road and main carriage way After the service road 1.17 Whether carrying of sewage/gas pipe line has been propsed on highway Bridges. NO If Yes, the mention the methodology proposed for the same NO 1.18 Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. NO If Yes, its mention the methodology proposed for the same NO 1.19 If crossings of the road involved line has been propsoed on parapet/any part of the bridges. Yes 1.19 If crossings of the road involved line. Yes 1.19 If crossings of the road involved line. Yes a) Whether existing drainage structure allowed to carry utility pipeline. NO b) Is it on a line normal to NH Yes c) What is the distance of crossing the utility pipelines from the existing structures. More than 15.0m Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. NA d) The casing pipe (or conduit pipe in the caraie pipe / cable. NA <td></td> <td></td> <td>NA</td>			NA
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110 Whether is after the service road or between the service road and main carriage way 1.17 Whether carrying of sewage/gas pipe line has been propsoed on highway Bridges. NO 1.17 Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. NO 1.18 Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. NO 1.18 Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. NO 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 purpose at the expenses of the agency owning the line. NO a) Whether existing drainage structure allowed to carry utility pipeline. NO b) Is it on a line normal to NH Yes c) What is the distance of crossing the utility pipelines from the existing structures. More than 15.0m crossings shall not be too near the existing structures of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable. NA (e) Ends of the casing / conduit pipe / YES		(b) Right side from center line	
between the service road and main carriage way	1.16		After the service road
carriage way			
1.17 Whether carrying of sewage/gas pipe line has been propsoed on highway Bridges. If Yes, the mention the methodology proposed for the same NO 1.18 Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the mention the methodology proposed for the same NO 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 purpose at the expenses of the agency owning the line. Yes a) Whether existing drainage structure allowed to carry utility pipeline. NO b) Is it on a line normal to NH Yes c) What is the distance of crossing the utility pipelines from the existing structures. More than 15.0m d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable. NA e) Ends of the casing / conduit pipe / YES			
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the carrier pipe / cable. Mention type of casing. e) Ends of the casing / conduit pipe / YES			
Mention type of casing. e) Ends of the casing / conduit pipe / YES			
e) Ends of the casing / conduit pipe / YES		Mention type of casing.	
tower foundation shall be sealed from		e) Ends of the casing / conduit pipe /	YES
		tower foundation shall be sealed from	
the outside, so that it does not act as a			
drainage path.			NFO FOR
f) The casing / conduit pipe should, as		f) The casing / conduit pipe should, as	I X SO IL
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Project Director NHAI, PIU, VIJAYAWADA ? 46

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	minimum extend from drain to drain in cuts and toe of slop toe of slope in the fills.		
	g) The top of the casing/conduit pipe tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	2 1 9	
	 h) Mention the methodology propsect for crossing of road for the proposed OFC. Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type. 		
	 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 waterway along it. 		
2	Document / drawing enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of the trench for open trenching method. (Is it normal sixe of 1.6m(min) deepX0.3 wide) i)Should not be greater than 60 cm wider than the outer diameter of the pipe. ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-line of the nearest carriageway iii) shall not be permitted to run along the National highway when the road formation is situated in double cutting, Nor shall these be laid over the existing culverts and bridges. iv) These should be so laid that their top is atleast 0.6 meter below the ground level so as not to obstruct drainage f the road land.	Drawing enclosed	
2.2	Cross section showing the size of pit and location of pipe line for HDD method.	Drawing Enclosed	
2.3	Strip plan / Route plan showing the OFC. chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drawings work etc.	YesAttached as per the Drawing	
2.4	Methodology for laying of OFC	Laying Methodology Attached	

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Project Director 9 W W Siangana NHAI, PIU, VIJAYAWADA W W Siangana

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, methodology of refilling of		
	trench. (a) The trench width should be atleast	NA	
	30 cm but not more than 60cm wider	INA I	
	than the outer diameter of the pipe.		
	(b) For filling of the trench, bedding	NA	
	shall be to a depth of not less than 30	TU C	
	cm. It shall consist of granular material,		
	free of lumps, clods and cobbles and		
	graded to yield a firm surface without		
	sudden change in the bearing value.		
	Unsuitable soil and rock edged should		
	be excavated and replaced by		
	replaced by selected material		
	(c) The backfill shall be completed in	NA	
	two stages (1) side-fill to the elvel fo		
	the top of the pipe and (ii) overfill to the		
	bottom of the road crust.		
	d) The side fill shall consist of granular	NA	
	material laid in 15cm layers each		
	consolidated by mechanical tampering 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.		
	e) The road crust on either side of the	NA	
	trench. Care shall be taken to avoid		
	the formation of a dip at the trench		
	f) The excavation shall be protected by	NA	
	flagman, signs and barricades and red		
	lights during night hours.		
	g) If required, a diversion shall be	NA	
	constructed at the expense of agency		
- 1	owning the utility line		
2.4.2	Horizontal Directional Drilling (HDD)	Total 500mts including NH-65 & Road Crossings	
2.4.3	method. Methodology for laying of OFC through	Yes by taking threw bed of cross	
2.4.3	CD works and method of Laying. In	drainage	
	cases where the carrying of gas pipe	di di lago	
	line on the bridge becoems		
	inescapable.		
3	Draft License agreement signed by two	YES	
	witnesses.		
	The Lineare for estimate a	VEO	
3.1	The License fee estimate s per Ministry's guidelines issued vide	YES	
	Ministry's guidelines issued vide circular No. RW/NH-		
	33044/29/2015/S&R (R) dated		
I		A A GOULE SERIE	<u></u>
	9200	ALL AND	
	Project Director NHAI, PIU, VIJAYAW	9 YIL O TE TUMHeana)	
	Project Director	In the standard and and	

	22.11.2016		
4	Whether Performance Bank Guarnatee as Ministry's guidelines issued vide circular No. RW/NH- 33044/29/2015/S&R (R) dated 22.11.2016 is obtained.	agency towards Performance Bank Guarantee as per extant norms MORTH per each crossing as demanded by NHAI/MORTH.	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.	Yes	
5	Affidavit / undertaking from the Applicant for the following is to be furnished	Yes	
5.1	Undertaking for not to Damage any other utility. If damaged then to pay the losses either to NHAI or to the concerned agency.	YES,Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI.	YES,Enclosed	
5.3	Undertaking for Confirming all standard conditions of Ministry Circulars and NHAI's guideline	YES,Enclosed	
5.4	Undertaking for Indemnity against all damages and claims.	YES,Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	YES,Enclosed	
5.6	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be pid by the applicant.	YES,Enclosed	
5.7	Undertaking that prior apporval of the NHAI shall be obtained before undertaking any work of the installation, shifting or repairs or alterations to the utility located in the National Highway right of ways.	YES,Enclosed	
5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage casued to the NationI Highway by the laying, maintanance or shifting of the utility line will be borne by the applicant agency owning the line.	YES,Enclosed	
5.9	Undertaking that text of the license deed is as per verbatim of MoRTH format (issued vide Ministry's Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	YES,Enclosed	
5.10	Undertaing that the applicant has obtaind various safety clearences from the representative authorities such as Directorate of Electricity, Chief controller of Explosives. Petroleum and	Yes	
	Project Director	z T. Jangana A 9 44 4	

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afety organisation. Oll afety Direcotrate . Pollutino Control Board		
Pollutino Control Board		
er statutory clearence's		
fore applying to Highway		
n.		
TH/NHAI considers it	Yes	
future to move the utility		
work fo improvement or		
road it will be carried out		
the NHAI at the cost of		
vning the utility line within		
time (not exceeding 60		
timation given.		
m the applicant in the	Yes, Enclosed	
at		
er head electrical line will		
deleterious effects on		
oridge components and		
y for traffic.		
"we do undertake that I		
ervices road / approach		
s at my own cost not		
the permission granted		
me as will be stipulated		
future six laning or any		
ment.	Vodafone Mobile Services Limited	
the agreement on behalf	Vodatorie Mobile Services Littited	
FC	Yes	
Attorney to sign the	res	
available or not		
Director, will submit the	Yes	
ficates.		
or confirming of all	Yes	
ition issued vide Ministry		
NH-41 (58)/68 dated		
Ministry Circular No.		
/29/2015/S&R (R) dated		
		_
m PD in the following	Yes	
3	Certificate enclosed.	
ed that any other location		
upply pipe line would be		
icult and unreasonable		
e installation of Water		
ne within ROW will not		
ct the design, statbility &		
of the highway nor the		
provement.		
ning of the carriageway,		
e etc".		
g	NA	
sibility is available " I do	The second	
ere will be no hindrance	1502	
e	e etc". I ibility is available " I do	e etc". NA ibility is available " I do

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Project Director NHAI, PIU, VIJAYAWADA 94

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	to proposed six-lanning based on the feasibilityreport considering proposed structures at the said location". (b) In case feasibility report is not available " I do certify that sufficient ROW is available at site for accommodation proposed six-laning".		
8.	If NH section proposed to be taken up by NHAI on BOT basis – s cause in para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right of the way to be concessional under the concession agreement for up-gradation Kolkata- Chennai section from Km 1182/802 to Km 1356/547 of NH No. 16 on build, operate and transfer basis] and therefore, the license shall honor the same".	Enclosed	
9	Who will supervise the work of laying of OFC	Vodafone Mobile Services Limited	
	(a) On behalf of the Applicant	Vodafone Mobile Services Limited	
	(b) On bealf of NHAI	Supervision Consultant	
10	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	Vodafone Mobile Services Limited	
	(b) On bealf of NHAI	Supervision Consultant	
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	Vodafone Mobile Services Limited	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).		
13	If any previous approval is accorded for laying of OFC then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed.	Yes	

[Name, Designation and signature of The authorised representative:of applicant]

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

9 Project Director NHAI, PIU, VIJAYAWADA

Casing Pipe Details



NH -65, GUNTUPALLI, Proposed OFC - Vodafone



Typical Cross Sectional For HDD

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CERTIFICATE

- Undersigned hs examined the proposal of the applicant for laying of Telecom OFC cables/ducts and confirm that the all the standard conditions issued Minstry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.
- 2. It is certified that any other location of utility line would be extremely difficult and unreasionble costy and installation of utility line withi ROW will not adversly affect the design, stability & traffic safety of the highway nor the likely future improvement such s widening of the carriageway, easing of curve etc.
- I will ensure supervision of the work of laying of utility and ensure that the defects in road portion after laying of utility are corrected.
- 4. I will notify/forefit the BG for claims for damages done/disruption in working, if any.
- 5. I will ensure that propsoed permission in entered in the register of records.
- The record of previous apporval, if any has been considered and copy od same is enclosed with the proposal.



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