



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

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

टेली / Tele : 0866-2483910

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



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Lr.No.NHAI/RO-VJA/TPTY/NOC/2016/529

Dt.09.03.2021

INVITATION OF PUBLIC COMMENTS

Sub: Regional Office - Vijayawada - Permission for laying of Optical Fiber Cable (OFC) by M/s. Jio Digital Fibre Private Limited along Palamaneru to Alkuppam section of NH-4 from Km 194.800 to Km 197.360 for a total route length of 2560 Mts in the state of Andhra Pradesh - Public comments - Reg.

The Project Director, PIU - Tirupati submitted a proposal of M/s. Jio Digital Fibre Pvt Ltd seeking grant of ROW permission for laying of Optical Fiber Cable (OFC) by M/s. Jio Digital Fibre Private Limited along Palamaneru to Alkuppam section of NH-4 from Km 194.800 to Km 197.360 for a total route length of 2560 Mts 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 along with observations of RO on the proposal in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

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

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


(R.K. Singh),
Regional Officer

To

- 1) Sr. Technical Director, NIC, Transport Bhawan, New Delhi- 110001 - with a request to host the said proposal on MoRTH website
- 2) Web-admin, NHAI - with a request to host the said proposal on NHAI website



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कर्यनवाया इकाई, डे.नां : 23/3/39/501, 5th मंजिल, धनलक्ष्मी नगर, वैकुण्ठपुरम रोड, एमआर पल्ली, तिरुपति- 517 507
Project Implementation Unit, D.No. 23/3/39/501, 5th Floor, Dhanalakshmi Nagar, Vykuntapuram Road, MR Palli, Tirupati - 517 507

Ph.No: 0877-2245060

email : nhaitirupati@gmail.com

piutirupati@nhai.org

Almo
DL
31/2/21

NHAI/PIU-TPT/11011/27/NH-4/OFC- Sl. No. 10/2020/1101

Dated: 29.01.2021

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

DL
31/2/21



Sir,

Sub: **NHAI -PIU-Tirupati:** Rehabilitation and up-gradation of NH-4 from Km. 171.590 to Km. 216+912 (Total Length of 47.687 km) from Nalagampalli to Allukuppam (AP/KA Boarder) to Four laning under NHDP Phase-IV in the state of Andhra Pradesh on EPC mode- (RoW) Permission for laying Optical Fibre Cable(OFC) along Palamaneru to Alkuppam section of NH 4 from Km 194+800 to Km 197+360 for a total route length of 2560 Mts. - In Principle Approval recommended- regd.

- Ref: 1. Jio Digital Fibre Pvt. Ltd. VJA Lr No JDPL/OFC/ROW/INTERCITY /NLD4D/ AP/AP-KK-BOARDER-PALAMANERU/NHAI-69/6711, Dt 14.10.2020
2. T/o Lr No. NHAI/PIU-TPT/11011/27/NH-4/2020/711, Dt 07.11.2020
3. AE Lr No. AA/NHAI/CTR/PII/2119/20-21/1855 Dt 02.12.2020

This is in reference to the subject cited above, wherein M/s. Jio Digital Fibre Pvt. Limited had submitted a proposal requesting grant of (RoW) Permission for laying Optical Fibre Cable (OFC) along Palamaneru to Alkuppam section of NH 4 from Km 194+800 to Km 197+360 for a total route length of 2560 Mts vide reference 1st cited.

2. Vide reference 2nd cited, the proposal had been forwarded to AE, (Team Leader of M/s Aarvee Associates) to inspect the site, verify proposal in accordance to the MoRT&H guidelines vide lr no RW/NH-33044/29/2015/S&R(R) , dated 22.11.2016. Accordingly, AE vide reference 3rd cited had submitted their recommendation to grant RoW permission for the subject work.

3. In this connection, the proposal submitted by M/s. Jio Digital Fibre Pvt. Limited was examined and the following are furnished herewith:

- (i) Check list
- (ii) Undertaking for submission of Performance Bank Guarantee @ Rs. 100/- per route meter
- (iii) Undertaking for shifting / Relocation of Optical Fiber Cables (as per Sl. No. 5 of Checklist)
- (iv) Draft License Agreement regarding granting of RoW permission for laying telecom cable / OFC
- (v) Indemnity Bond
- (vi) Key Map/ RoW Plans
- (vii) Calculations for amount to be paid to NHAI towards License fee
- (viii) Applicant had submitted the typical cross section of OFC for crossing the Highway by HDD along with Methodology

Village	Side	Proposed location of OFC	Length in Mts.	Remarks
Palamaneru Town	LHS (Existing)	Km 194+800 to Km 197+360	2560	Along the NH
		Total	2560	

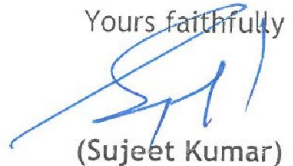
4. Laying of OFC Work shall be carried out in co-ordination with the representatives of Contractor and Authority's Engineer with intimation to NHAI.

5. While laying the OFC Cable the already fixed boundary pillars shall be taken as a reference.

6. Further as per Clause 9.3 of EPC Agreement "The Contractor shall allow, subject to such conditions as the Authority may specify, access to, and use of the site for laying telephone lines, water pipes, electrical cables or other public utilities. Where such access or use causes any financial losses to the Contractor, it may require the user of the site to pay compensation or damages as per applicable laws.

7. Applicant had informed that various safety clearances referred in point no.4 of MoRT&H guidelines are not obtained as the same are not applicable to OFC lines but are applicable for electricity lines/ Gas/ Oil pipelines
8. In view of the above, the proposal submitted by M/s. Jio Digital Fibre Pvt. Limited has been verified in accordance with Guidelines of MORT&H Norms Circular F. No. RW/NH-33044/29/2015/S&R(R), dated 22.11.2016. The proposal along with the copies of all the above mentioned documents is herewith forwarded and requested to put out in public domain for 30 days for seeking claims and objections (on grounds of Public inconvenience, safety and general public interest) as per Para (4) of MoRT&H circular guidelines dt 22.11.2016
9. In this connection, it is requested and recommended to the Competent Authority to accord approval for granting permission to lay OFC cable by M/s. Jio Digital Fibre Pvt. Limited from Km 194+800 to Km 197+360 for a total route length of 2560 Mts in Palamaneru Mandal of Andhra Pradesh

Yours faithfully



(Sujeet Kumar)

IDSE

GM (T) & Project Director
NHAI, PIU-Tirupati

copy to: M/s Aarvee Associates - for information

CERTIFICATE

1. Undersigned has examined the proposal of applicant for granting permission to lay Optical Fibre Cable (OFC) along Palamaneru to Alkuppam section of NH 4 from Km 194+800 to Km 197+360 for a total route length of 2560 Mts in Palamaneru Mandal of Andhra Pradesh and confirms all the standard conditions satisfied which are issued by Ministry Circular F. No. RW/NH-33044/29/2015/S&R(R), dated 22.11.2016
2. It is certified that there will not be hindrance to the 6-laning, if it needs immediate shifting or re-location of OFC cable by the agency at their cost as per the undertaking given by the agency
3. It will be ensured that supervision of the work of laying of utility and ensured that the defects in road portion if any, after laying of utility are corrected.
4. It will be ensured that proposed permission is entered in the register of records.
5. The record of pervious proposal accorded has been enclosed with the approval.



(Sujeet Kumar)

IDSE

GM (T) & Project Director
NHAI, PIU-Tirupati

Authority's Engineer for 4-Lane with Paved Shoulders of
AP/Tamil Nadu Border - Nalagampalli - AP/Karnataka
Border of NH-4 in the state of Andhra Pradesh under
NHDP-IV on EPC Mode

Letter No. AA/NHAI/CTR/PII/2119/20-21/1855

Date: 2nd December, 2020

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Tirupati,
Door No. 23/3/39/501, 5th Floor, Dhanalakshmi Nagar,
Vyuntapuram Road, M R Palli,
Tirupati - 517 507.

No. 940	
Date: 22-11-2020	
PD	8
LAO	
PA	
AA/JAO	
SE	✓
YP	
Steno	

Sub: Rehabilitation and Upgradation of NH-4 from Nalagampalli village (Existing Km.171.590/Design Km.172.000) to A.P/Karnataka border (Existing Km.216.912/Design Km.219.687) four lane with paved shoulder Design Length = 47.687 km under NHDP-IV in the State of Andhra Pradesh on EPC mode- **Reg:** Package -II - Request for Right of Way (RoW) permission for laying Optical Fibre Cable (OFC) along NH-69 Palamaneru - Mulbagal road from Km 194+800 to Km 197+360, for a total route length of 2,560 mts. in Palamaneru Mandal, Chittoor District of Andhra Pradesh - Verify in accordance with guidelines and submit report.

Ref: 1. NHAI Letter No. NHAI/PIU-TPT/11011/27/NH-4/2020/711, dated 07.11.2020
2. M/s Jio Digital Fibre Pvt. Ltd. Lr No. JDFPL/OFC/ROW/INTERCITY/NLD4D/AP/AP-KK-BOARDER-PALAMANERU/NHAI-69/6711, dt. 14.10.2020 received by NHAI PIU, Tirupati on dated 05.11.2020

Dear Sir,

This has reference to above subject and Authority letter no. 711 cited above, we have examined the proposal and submitting a detailed report duly keeping in view of Agreement provisions.

1. Authorized Signatory, Jio Digital Fibre Pvt Ltd, 40-1-72D, 5th Floor, K.K. Towers, M.G. Road, Vijayawada - 520010, requested the Project Director, NHAI, PIU, Tirupati to accord permission to lay underground OFC (Palamaneru Mulbagal Road) of Old NH-4 in between km 194.800 to km 197.360 for a length of 2.560 km in the limits of National highways within the ROW vide letter cited in reference-2.
2. We inspected the proposed location of laying of OFC along with the representative of Jio Digital Fibre Pvt Ltd, 40-1-72D, 5th Floor, K.K. Towers, M.G. Road, Vijayawada - 520010, on dated 26.11.2020.
3. Proposed OFC route of Jio Digital Fibre Pvt Ltd, 40-1-72D, 5th Floor, K.K. Towers, M.G. Road, Vijayawada - 520010, has been verified at site and it is tabulated below.

Proposed location of OFC	Side	Existing Road/Proposed road	Available ROW as per Joint Memorandum Contract clause 8.2		Jio Digital Fibre Pvt Ltd, Vijayawada - proposal to lay OFC from the Centre line of Road		Remarks
			LHS	RHS	LHS	RHS	
Km 194.800 to km 197.360 (Existing road chainage)	LHS	Existing Road on Palamaneru town	15.00m	15.00m	14.00m	-	OFC to be laid at the extreme edge of ROW

4. Jio Digital Fibre Pvt Ltd, 40-1-72D, 5th Floor, K.K. Towers, M.G. Road, Vijayawada – 520010, proposed to lay OFC along the existing road in Palamaneru Town limit of Old NH-4 within the ROW from Km 194.800 to km 197.360 for a length of 2.560 km.
5. It is suggested to lay the OFC by HDD Method instead of open trench method as proposed by "Jio Digital Fibre Pvt Ltd, 40-1-72D, 5th Floor, K.K. Towers, M.G. Road, Vijayawada – 520010," in built-up area of existing road at the extreme edge of ROW.
6. It is possible to permit "Jio Digital Fibre Pvt Ltd, 40-1-72D, 5th Floor, K.K. Towers, M.G. Road, Vijayawada – 520010," for laying OFC by open trench method along the existing road at the extreme edge of ROW of NH-4.
7. However adequate safety arrangements shall be provided during the execution of OFC laying work.
8. Laying of OFC Work shall be carried out in co-ordination with the representatives of Contractor and Authority's Engineer with intimation to NHAI.

In view of the above, it is reported that permission may be accorded to "Jio Digital Fibre Pvt Ltd, 40-1-72D, 5th Floor, K.K. Towers, M.G. Road, Vijayawada – 520010," for laying of OFC at the extreme edge of ROW along the existing road of NH-4 from Km 194.800 to km 197.360 for a length of 2.560 km after fulfilling the necessary terms and conditions as per NHAI Guidelines.

This is for your information and necessary action please.

With best regards,

For Aarvee Associates Architects Engineers and Consultants Pvt. Ltd.,

10/02/2020
N. Satyanarayana Reddy
Team Leader

Copy to:

1. M/s. Aarvee Associates, HO, Hyderabad.
2. Resident Engineer, Aarvee Associates, Palamaneru.
3. M/s. Dilip Buildcon Limited, Palamaneru.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यनवाया इकाई, डे.नां : 23/3/39/501, 5th मंजिल, धनलक्ष्मी नगर, वैकुण्ठपुरम रोड, एमआर पल्ली, तिरुपति- 517 507
Project Implementation Unit, D.No. 23/3/39/501, 5th Floor, Dhanalakshmi Nagar, Vykuntapuram Road, MR Palli, Tirupati - 517 507

Ph No : 0877-2245060

email : nhaitirupati@gmail.com

piutirupati@nhai.org

NHAI/PIU-TPT/11011/27/NH-4/2020/711

Date: 07.11.2020

To,
The Team Leader
M/s. Aarvee Associates Architects
Engineers & Consultants Pvt. Ltd.,
D.No.2-1273, B. V. Reddy Nagar,
Chittoor - 517001

Sir,

Sub: NHAI - PIU-Tirupati - Rehabilitation and up-gradation of NH-4- Package-II-i.e. from Km 171.590 to Km 219.687 from Nalagampalli to Alkuppam (AP/KA Border) to Four Lane rigid pavement with paved shoulder in the state of Andhra Pradesh under NHDP-IV on EPC mode - Request for Right of Way (RoW) permission for laying Optical Fiber Cable (OFC) along NH-69 Palamaneru - Mulbagal road from Km 194+800 to Km 197+360, for a total route length of 2,560 mts. in Palamaneru Mandal, Chittoor District of Andhra Pradesh - Verify in accordance with guidelines and submit report - Reg.


Ref: Jio Digital Fibre Pvt. Ltd., VJA Lr. No. JDFPL/OFC/ROW/INTERCITY/NLD4D/AP/AP-KK-BOARDER-PALAMANERU/NHAI-69/6711, dt. 14.10.2020 received on dt. 05.11.2020

Please find enclosed the reference cited, wherein M/s. Jio Digital Fiber Pvt. Ltd., Vijayawada has requested to accord permission for laying of OFC cables along the stretch of NH-69 (Old NH-4) for a length of 2,560 mts. i.e., from Km 194+800 to Km 197+360.

2. Therefore, AE is requested to verify the proposal and give their comments/recommendations and submit a detailed report according to MoRT&H, Guidelines in vogue to this office for further course of action.

Encl: 1 no. set of proposal

Yours faithfully


(Sujeet Kumar)
GM (T) & Project Director
NHAI, PIU, Tirupati

Copy Submitted to: 1. RO, NHAI, Vijayawada - for information please.
2. M/s. Dilip Buildcon Ltd., - for information and necessary action.

Dated 14th Oct, 2020

To
The Project Director,
National Highway Authority of India,
Project Implementation Unit-Tirupathi,
D.No-23/3/39/501, 5th Floor, Dhanalakshmi Nagar,
Vyunkuntapuram Road, M.R Palli, Tirupathi-517 507.

NHAI-PIU TPT.	
No.	785
Date:	05 NOV 2020
PD	<input checked="" type="checkbox"/>
LAO	<input type="checkbox"/>
PA	<input type="checkbox"/>
AA/JAO	<input type="checkbox"/>
SE	<input checked="" type="checkbox"/>
YP	<input type="checkbox"/>
Steno	<input type="checkbox"/>

Sub: Request for Right of Way (RoW) permission for laying Optical Fiber Cable (OFC) along NHAI-69, Palamaneru Mulbagal road, from Km 194/800 to Km 197/360, for a total route length of **2,560 meters** in Palamaneru Mandal, Chittoor District of Andhra Pradesh under the Jurisdiction of NHAI, PIU Tirupathi.

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

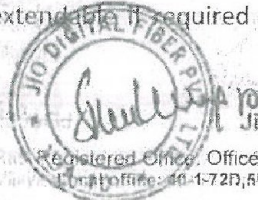
Dear Sir,

Jio Digital Fibre Private Limited (JDFPL), having its registered office at 101, Saffron, Nr. Centre Point, Panchwati 5 Rasta, Ambawadi, Ahmedabad-380 006, Gujarat, India is registered with Department of Telecommunications (DOT) as Infrastructure Provider category I (IP-I) vide registration certificate no.: 935/2019 dated 6th March 2019 to establish and maintain the assets such as Dark Fibers, Right of way, Duct space and Tower.

As part of this project, we have to lay underground Optical Fiber Cable (OFC) through HDPE ducts at the subject location. The HDPE ducts of 33 mm dia (40 mm OD) x 2 ducts will be laid at the extreme possible edge of RoW at a depth of 1.65 mtrs., using various methods like Open Trenching, Horizontal Directional Drilling (HDD), Clamping and other suitable method as required on the ground to construct a Fiber Optic backbone link. The Trenching & restoration work shall be carried out in accordance with cited MoRTH guidelines with utmost care.

Further, kindly note that various safety clearances referred in Point No. 4 of MoRTH guidelines cited above are not obtained/submitted as the same are not applicable to OFC lines but are applicable for Electricity Lines/Gas/Oil pipelines.

As per point no. 5 & 6 of MoRTH guidelines cited above, we shall submit License Fee and a Performance Bank Guarantee for an amount based on per route meter, in the prescribed format with a validity of 1 year (extendable if required till satisfactory completion of work) as a security against improper restoration of



Jio Digital Fibre Private Limited: CIN U64200GJ2018PTC105652



ground in terms of filling/unsatisfactory compaction/damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc..

Further, as per MoRTH guidelines cited above, we have enclosed herewith all the required documentation like Strip plans, Undertakings, Certificates, Indemnity Bonds and other documents as per the check list for your kind perusal.

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

Thanking you,

Yours Sincerely,

For Jio Digital Fibre Private Limited



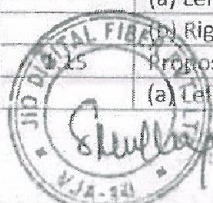
Authorized Signatory

Enclosures: As per Index Sheet

CHECK - LIST

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

Sl. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	Jio Digital Fibre Private Limited Regd. Office Address : Office-101, Saffron, Nr.Center Point, Panchwati 5 Rasta, Ambawadi, Gujarat, Ahmadabad-380 006 India	
1.2	National Highway Number	NHAI-69	
1.3	State	Andhra Pradesh	
1.4	Location	Palamaneru Mandal, Chittoor District	
1.5	(Chainage in km.)	along the Road from LHS Km 194/800 to Km 197/360	
1.6	Length in Meters	2,560 meters.	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction	15 Meters	
	(b) Right side from center line towards increasing chainage/ km direction		
1.8	Proposal to lay the utility		
	(a) Left side from center line towards increasing chainage/km directions	Km 194/800 to Km 197/360,	
	(b) Right side from center line towards increasing /km direction		
1.9	Proposal to acquire land		
	a) left side from center line	NA	
	b) right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	
	If not then where to lay the cable	At the edge of the RoW	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of existing lanes (2/4/6/8 lanes)	2 lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 /6/8 lanes)	NA	
1.14	Service road existing or not	NA	
	If yes then which side		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.15	Proposed Service road		
	(a) Left side from center line		

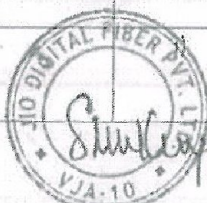



Project Director
NHAI, PIU, Tirupati

Project Director
NHAI, PIU, Tirupati

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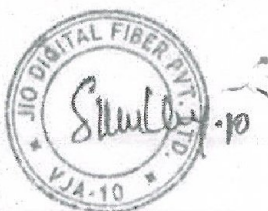
1.16	(b) Right side from center line Whether proposal to lay utility is after the service road or between the service road and main carriageway	NA	
1.17	Whether carrying of sewage/OFC has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same.	No, Utility (OFC) not 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 Crossing of the Road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expense of the agency owning the line	NA	
	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 existing structures? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	Not Applicable	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casing.	Not Applicable	
	e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path	Not Applicable	
	f) The casing/conduit pipe should be as minimum extend from drain to drain in cuts and toe of slope in the fills.	Not Applicable	
	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 0.3 m below the drain inverts. Mention the proposed details	Applicable	
	h) Mention the methodology proposed for crossing of 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	Using HDD methodology	
	The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a	Not Applicable	




Project Director
 NHAI, PIU, Tirupati

CHECK - LIST

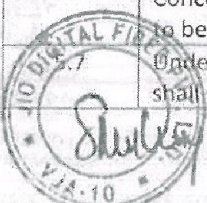
	manner as to prevent the formation of a water way along it		
2	Document/Drawings to be enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching method	Enclosed	
	Is it normal size of 1.5m deep x 0.3 m wide	Yes	
	i) should not be greater than 60 cms wider than the outer diameter of the pipe	Yes	
	ii) located as close to the extreme edge of the Right of Way as possible but not less than 15m from the center line of the nearest carriageway	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 the OFC	Enclosed	
2.4.1	Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes, what is the methodology of refilling the trench	Yes, Methodology of 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	Open Trench cross section enclosed	
	b) For filling of the trench, Bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yield firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.	Yes	
	c) The backfill shall be completed in two stages- i) side fill to the level of the top of the pipe and ii) overfill to the bottom of the road crust	Yes	

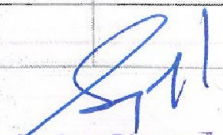


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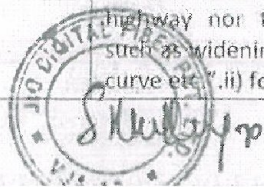
	d) The side fill shall consist of granular material laid in 15 cms. Layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation or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





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	of installation, shifting or repairs, or alterations to the utility located in the National Highway Right of Ways.		
5.8	Undertaking that expenditure if any incurred by NHAI for repairing any damage caused to the NH by laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	Yes Enclosed	
5.9	Undertaking that text of the License deed is as per verbatim of format issued by MoRTH vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Yes Enclosed	
5.10	Undertaking that the applicant has obtained various safety clearances from the respective authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, state/central pollution control board and any other statutory clearances as applicable, before applying to Highway Administration.	Not Applicable as the Utility line proposed is OFC.	
5.11	If the MoRTH/NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the MoRTH/NHAI at the cost of the Agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes, enclosed	
5.12	Certificate from the applicant in the following format i) Laying of OFC will not have any deleterious effects on any of the bridge components and roadway safety for traffic ii) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six laning or/any other development.	Enclosed Enclosed	
6	Who will sign the agreement on behalf of OFC line agency? Power of attorney to sign the Agreement is available or not	RoW Lead, Jio Digital Fibre Pvt Ltd, Copy of Power of Attorney enclosed.	
7	The Project Director shall submit the following Certificates		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide MoRTH circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Enclosed	
7.2	Certificate from the PD in the following format i) "It is certified that any other location of the OFC would be extremely difficult and unreasonably 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	Enclosed	




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	<p>a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location".</p> <p>b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning"</p>	Enclosed	
		Enclosed	
8	If NH section proposed to be taken up by NHAI on BOT basis – a clause is to be inserted in the agreement "the permitted highway on which licensee has been granted the right lay OFC duct has also been granted as a right of way concessionaire under the concession agreement for up gradation of Palamaneru – Mulbagal section of NH no. 69) on Build, Operate and Transfer basis and therefore the licensee shall honor same.	NA	
9	Who will supervise the work of laying of Utility Pipe line		
	a) On behalf of the applicant	Area Manager, Jio Digital Fibre Private Limited, Tirupathi	
	b) On behalf of MoRTH/NHAI	NHAI PIU, Tirupathi/IE/Consultant	
10	Who will ensure that the defects in road portion after laying of OFC are corrected and if not corrected then what action will be taken.		
	c) On behalf of the applicant	Area Manager, Jio Digital Fibre Private Limited, Tirupathi	
	d) On behalf of MoRTH/NHAI	NHAI PIU, Tirupathi/IE/Consultant	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	Jio Digital Fibre Pvt Ltd	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)	Yes, Enclosed	
13	If any previous approval is accorded for laying cable line then Photocopy of register of records of permissions accorded (as maintained by PD) to be enclosed.	NA	

Shri. Sreekanth Pinninti
RoW-Lead

Name, Designation and Signature of the
Authorized representative of applicant

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

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