सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय,भारत सरकार))
National Highways Authority of India
(Ministry of Road Transport & Highways, Govt. of India)
क्षेत्रीय कार्यालय, ओड़िशा /Regional Office, Odisha
301 - ए, तीसरी मंजिल, पाल हाईटस, प्लाट नं जे/ 7, जयदेव विहार, भुवनेश्वर - 751013, ओड़िशा
301-A, 3rd Floor, Pal Heights, Plot No : J/7, Jayadev Vihar, Bhubaneswar- 751013, Odisha
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NHAI/13011/54//RO/OD/ 2283 /2022

22.07.2022

To

The Sr. Technical Director,
NIC Centre at MoRTH,
Transport Bhawan,
New Delhi 110001

Sub: Rehabilitation and Upgradation to Six-laning of Bhadrak-Balasore Section of NH-5 (New NH-16) form Km 136.500 to Km. 199.141 in the State of Odisha to be executed on Hybrid Annuity Mode under NHDP Phase-V- **Grant permission for laying of underground Optical Fibre cable from Km. 190+900 to Km. 192+500 (LHS) and from Km. 191+300 to Km. 192+500 (RHS) of NH-16 near Bampada Railway Check Gate, Balasore-reg**

Sir,

Please find enclosed herewith a proposal M/s. Jio Digital Fibre Pvt. Ltd for laying of underground Optical Fibre cable from Km. 190+900 to Km. 192+950 (LHS) and from Km. 191+300 to Km. 192+950 (RHS) of NH-16 near Bampada Railway Check Gate, Balasore. The details is as under:

Sl. No.	Description	Chainage	NH No.	Distance (In Km.)	Location	RHS/LHS
1.	Along the road	Km. 190+900 to Km. 192+500	NH-5 (New NH-16)	1.60	Bampada village Chowk to Reliance facility	LHS
2		Km. 191+300 to Km. 192+500		1.20	Bampada Railway Check Gate to Reliance facility	RHS

2. Accordingly, as per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016, the application along with the recommendations of concerned PD/Consultants are enclosed herewith with request to hoist the same in the Ministry's Website for public comments within 30 days of uploading on the website.

This is issued with the approval of the **"Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar".**

Yours faithfully,

22/07/22
(Sunil Kumar)
DGM (Tech.)

सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय,भारत सरकार))
National Highways Authority of India
(Ministry of Road Transport & Highways, Govt. of India)
क्षेत्रीय कार्यालय, ओड़िशा /Regional Office, Odisha
301 - ए, तीसरी मंजिल, पाल हाईटस, प्लाट नं जे/7, जयदेव विहार, भुवनेश्वर - 751013, ओड़िशा
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NHAI/13011/54/RO/OD/ 2282 /2022

22.07.2022

INVITATION OF PUBLIC COMMENTS

Sub: Rehabilitation and Upgradation to Six-laning of Bhadrak-Balasore Section of NH-5 (New NH-16) form Km 136.500 to Km. 199.141 in the State of Odisha to be executed on Hybrid Annuity Mode under NHDP Phase-V- **Grant permission for laying of underground Optical Fibre cable from Km. 190+900 to Km. 192+950 (LHS) and from Km. 191+300 to Km. 192+500 (RHS) of NH-16 near Bampada Railway Check Gate, Balasore-reg.**

M/s. Jio Digital Fibre Pvt. Ltd has submitted the proposal for laying of underground Optical Fibre cable from Km. 190+900 to Km. 192+500 (LHS) and from Km. 191+300 to Km. 192+500 (RHS) of NH-16 near Bampada Railway Check Gate, Balasore. The details is as under:

Sl. No.	Description	Chainage	NH No.	Distance (in Km.)	Location	RHS/ LHS
1.	Along the road	Km. 190+900 to Km. 192+500	NH-5 (New NH-16)	1.60	Bampada village Chowk to Reliance facility	LHS
2		Km. 191+300 to Km. 192+500		1.20	Bampada Railway Check Gate to Reliance facility	RHS

2. As per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016, the Highway Administration will put out the application in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

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

The Regional Officer,
National Highways Authority of India,
Regional Office, Odisha
301-A, 3rd Floor, Pal Heights,
J/7, Jayadev Vihar, Bhubaneswar 751013, Odisha
e-mail : roodisha@nhai.org

This is issued with the approval of **the "Regional Officer, NHAI, Regional Office, Odisha, Bhubaneswar".**

22/07/2022

Dy. General Manager (Tech.)
National Highways Authority of India,
Regional Office, Odisha
301-A, 3rd Floor, Pal Heights,
J/7, Jayadev Vihar, Bhubaneswar 751013

CHECKLIST
Guidelines for project Directors for processing the proposal for laying water pipeline in the land across National Highway vested with NHAI.
Relevant Circulars
1. Ministry Circular No. NH-41(58)/68 dated 31-1-1969
2. Ministry Circular No. NH-III/P/66/76 dated 18/19-11-1976
3. Ministry Circular No. RW/NJ-III/P/66/76 dated 1.5.1982
4. Ministry Circular No. RW/NH-11037/1/86-DOI(II) dated 28.07.1993
5. Ministry Circular No. RW/NH-11067/1/1/86-DOI dated 17.09.2003
6. Ministry Circular No. RW/NH-34066/2/95/S&S dated 25.10.1999
7. Ministry Circular No. RW/NH-34066/7/2003 S&R dated 17.09.2003

CHECKLIST FOR GETTING APPROVAL FOR LAYING OF WATER PIE LINE ON NH LAND

Sr. No.	Item	Information/Status	Remarks
1	General Information	laying of underground OFC Cable	
1.1	Name and Address of the Applicant Agency	Jio Digital fibre Pvt. Ltd, Floor 4 Room, Fortune tower, C.S. PUR, APSEZ-74073	
1.2	National Highways Number	NH-16	
1.3	State	Odisha	
1.4	Location	Dampada Village to Reliance Factory	
1.5	Chainage in KM	190/900 - 192/[illegible] 192500 (KM)	
1.6	Length in Meters	2800	
1.7	Width of Available ROW in meter	NA	
	(a) Left side from centre line towards increasing chainage/km direction	37.5	
	(b) Right side from centre line towards increasing chainage /km direction	37.5	
1.8	Proposal to lay underground water pipeline for water supply.	OFC	
	(a) Left side from center line towards increasing chainage/km direction		
	(b) Right side from centre line towards increasing chainage/km direction	15M	
1.9	Proposal to acquire Land		
	(a) Left side from centre line towards increasing chainage/km direction		
	(b) Right side from centre line towards increasing chainage/km direction	NA	
1.10	Whether the proposal is on the same side where land is not to	NA	

Team Leader cum
Senior Highway Engineer

For Jio Digital Fibre Pvt. Ltd.

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	be acquired		
	If not then where to lay the Water Pipeline		
1.11	Details of already laid services, if any, across the proposed route	NA	
1.12	Number of Existing Lanes (2/4/6/8 Lanes)	4	
1.13	Proposed No. of Lanes (2 Lanes with paved shoulders/4/6/8 Lanes)	NO	
1.14	Service Road Existing or not	NO	
	If yes then which side		
	(a) Left side from centre line		
	(b) Right side from centre line	NO	
1.15	Proposed Service Road		
	(a) Left side from centre line		
	(b) Right side from centre line		
1.16	Whether proposal to lay water pipeline is beyond the Service Road of between the service road and main carriageway.		
1.17	The permission for laying of water pipeline shall be considered for approval/rejection based on Ministry Circulars mentioned as above. a. Carrying of sewage/gas pipeline on Highway bridges shall not be permitted as fumes/gasses pipes can accelerate the process of corrosion, thus being much cause explosions, thus being much more injurious that leakage of gas. b. Carrying of Gas pipe lines on bridges shall also be discourage. However if the Gas Authorities seem to have no other viable alternate and approach the Highway Authority well in time before the design of the bridge is finalized, they may be permitted to carry the pipeline on Independent superstructure supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free space around the superstructure of the bridge and repairs etc c. Cost of required extension of the sub-structures as well as that of the supporting superstructure	NA	

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Project Director,
National Highways Authority of India

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	shall be borne by the agency in charge of the Utilities. d. Services are not being allowed indiscriminately on the parapet/any part of the bridge, safety of the bridges has to be kept in view while permitting various services along bridge approvals are to be accorded in this regard with the concurrence of the ministry's Project Chief Engineers only.	NA	
1.18	If crossings of the road involved if yes, it shall be either encased in Pipelines or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	HDD	
	(a) whether existing drainage structures are allowed to carry Water Pipeline	to make maximum distance from existing Structure	
	(b) Is it on a line normal to NH		
	(c) What is the distance of crossing the water pipeline from the existing structures? Crossing shall not be too near the existing structure on the National Highways, the minimum distance being 15 meter.	OK	
	(d) The casing Pipeline (or conduit Pipeline in the case of electric Pipeline) 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 Pipeline / Pipeline. Mention type of crossing	OK	
	(e) Ends of the casing / conduit Pipeline shall be sealed from the outside, so that it does not act as a drainage path.	OK	
	(f) The Casing/Conduit Pipeline should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	OK	
	(g) The top of the casing / conduit Pipeline should be at least 1.2 meter below the surface of the road subject to being a at least 0.3 meter below the drain inverts. Mention the proposed details.	OK	
	(h) Mention the methodology proposed for crossing of road for the proposed Water Pipeline. Crossing shall be by boring	HDD	

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Project Director,
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	method (HDD) (Trench less Technology), especially where the existing road pavement is of cement concrete or dense bituminous concrete type.		
2	Documents / Drawings to be enclosed with the proposal		
2.1	Cross Section showing the size of the trench for open trenching method (Is it normal size of 1.65 m deep x 0.3 m wide) (i)Should not be greater than 60 cm wider than the outer diameter of the Pipeline. (ii) Located as close to the extreme edge of the right of way as possible but not less than 15 meter from the centre lines of the nearest carriageway. (iii) Shall not to be permitted to run across the National Highways when the road formation is situated in double cutting. Nor shall be these are laid over the existing culverts or bridges. (iv) These should be so laid that top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Enclosed Agreed Agreed Agreed Agreed	
2.2	Cross Section showing the size of pit and location of Pipeline for HDD method	Enclosed	
2.3	Strip Plan/ Route Plan showing the Water Pipeline, Chainage, width of ROW, distance of proposed Pipeline from the edge of ROW , Important milestone , intersections, cross drainage works etc.	Enclosed	
2.4	Methodology for crossing of the water pipeline	HDD	
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	As per NHAI instruction.	
	The trench width should be at		

For Jio Digital Fibre Pvt. Ltd

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	least 30cm, but not more than 50cm wider than the outer diameter of the Pipeline.	NA	
	i) For filling of the trench, Bedding shall be to a depth of not less than 30cm. It shall consist of granular material, free of lumps, clods and cabbies 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 selected material.	NA	
	The backfill shall be completed in two stages (i) side fill to the level of the top of the Pipeline and (ii) overfill to the bottom of the road crust.	Agreed	
	iii) The side-fill shall consist of granular material laid 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 be saturation or pounding will not be permitted.	Agreed	
	iv) 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 dip at the trench.	Agreed	
	v) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	Agreed	
	vi) If required, a diversion shall be constructed at the expense of the agency owning the utility line.	Agreed	
2.4.2	Horizontal Directional Drilling (HDD) Method	HDD	
2.4.3	Methodology for lying of Pipeline through CD works and method of lying. In cases where the carrying of water pipeline on the bridge becomes inescapable.	NA	
3	Draft License agreement signed by two witnesses	Enclosed	
4	Performance Bank Guarantee in favor of NHAI has to be obtained	To be Submitted	

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For Jio Digital Fibre Pvt. Ltd

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	@ Rs. 50/- per running meter (parallel to NH) and Rs. 1,00,000/- per crossing of NH, 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 crossing the Water Pipeline / ducts by proper filling and compaction, clearing debris / loose earth produced due to execution of trenching at least 50 meter away from the edge of the Right Of Way (ROW). No payment shall be payable by NHAI to the licensee for clearing debris / loose earth. Performance BG as per above is to be obtained.	To be Submitted as per NHAI guideline	
4.1	Confirmation of BG has been obtained or not as per NHAI guidelines.	To be confirmed	
5	Affidavit / Undertaking from the Applicant for the following is to be furnished	Attached	
5.1	Not to damage to the other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency.	undertaking attached	
5.2	For Renewal of Bank Guarantee	undertaking attached	
5.3	For confirming all standard conditions of Ministry Circulars and NHAI's Guidelines.	undertaking attached	
5.4	For shifting of Pipeline as and when required by NHAI at their own cost.	undertaking attached	
5.5	For shifting of water Pipeline due Six Leaning / widening of NHAI	Undertaking attached	
5.6	For indemnity against all damages and claims.	Undertaking attached	
5.7	For traffic Movement during crossing of Pipeline to be managed by the applicant.	undertaking attached	

Project Director, National Highways Authority of India, PIU-BALASORE

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For Jio Digital Fibre Pvt. Ltd.

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5.8	If any claim is raised by the Concessionaries then the same has to be paid by the applicant.	Undertaking attached agreed	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Water Pipeline / any other utility located in the National Highways right if way's.	Agreed	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highways by crossing, maintenance or shifting of the water Pipeline will be borne by the applicant agency owning the line.	Undertaking attached agreed	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement of repairs to the road, it will be carried out as desired by NHAI at the cost of the agency owning the utility line within the reasonable time (not exceeding 60 Days) of the intimation given.	Undertaking attached Agreed	
5.12	Certificate from the applicant in the following format : (i) Crossing of water Pipeline will not have any dexterous 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 leaning or any other development.	Certification attached agreed	
6	Who will sign an agreement on behalf of water Pipeline agency?	State. Coordinator Odisha	
	Power of attorney to sign the agreement is available or not.	Available	
7	The Project Director, will submit the following Certificates	NA	
7.1	Certificate for proposal for		

Project Director,
National Highways Authority of India
PIU-BALASORE

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	confirming of all standard condition issued vide Ministry of Road Transport and Highways Circular No. NH- III/P/66/76 dated 18/19.11.1976, RW/NH - III/P/66/76 dated 11.5.1982, RW / NH -11037/1/86-DOI dated 28.7.1983 /NH-11037/1/86-DOI dated .1995; RW/NH- 34066/2/95/S&R d 25.10.1999 and circular No. / NH-34066/7/2003 S&R (B) d 17.9.2003.	To be Submitted	
7.2	Certificate from PD in the following format (i) "it is certified that any other location of the water Pipeline would be extremely difficult and unreasonably costly and installation of Water Pipeline within ROW will not adversely affect the design, stability, & 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 (a) Where feasibility is available "I do certify that there will be no hindrance to the feasibility report considering proposed structures at the said location." (b) In case feasibility report is not available "I do certify that sufficient ROW is available at side for accommodating six laning."	To be Submitted	
8	If NH section proposed at 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 to lay Water Pipeline line / duct has also been granted as a right of way to the concessionaire under the **concession agreement for** up gradation of [..... section from km ..... To km ..... Of NH No. ..... on build, Operate and Transfer Basis] and therefore, the licensee shall honor the	To be Submitted	

Project Director
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For Jio Digital Fibre Pvt. Ltd

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	same".		
9	Who will supervise the work of crossing of Water Pipeline	Site Engineer of Jio Digital fibre Pvt Ltd	
	(a) On Behalf of the Applicant		
	(b) On Behalf of NHAI		
10	Who will ensure that the defects in road portion after crossing of Water Pipeline are corrected and if not corrected then what action will be taken.	Jointly by Site engineer of JDFPL & NHAI	
	(a) On Behalf of the Applicant		
	(b) On Behalf of NHAI		
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire	Jio Digital fibre Pvt. Ltd.	
	On Behalf of the Applicant		
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed Performa.	Yes	
13	If any previous approval is accorded for crossing of underground Water Pipeline then photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed.	Yes/No.	

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