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, प्लाट् नं जे/7, जयदेव विहार, भुवनेश्वर - 751013, ओड़िशा
301-A, 3rd Floor, Pal Heights, Plot No : J/7, Jayadev Vihar, Bhubaneswar- 751013, Odisha
दूरभाष /Ph.: 0674 - 2361470/ 570/670 (फा/O)
ई-मेल/e-mail : roodisha@nhai.org, ronhaiodisha@gmail.com, वेबसाइट/Web : www.nhai.gov.in

NHAI/13011/54/RO/OD/1535/2024 31.07.2024

To

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

Sub: Four laning of Sambalpur Bargarh - Orissa / Chhattisgarh Border Section of NH-06 from Km.0.000 to 88.000 in the State of Orissa to be executed as BOT (Toll) on DBFOT pattern under NHDP Phase-III **-Grant permission for laying of insulated electric cable by Sumit Digital Infrastructure Ltd. From Km.25+400 to Km.26+400 in Chakulifarm village on NH-53 along RHS for a length of 1 Km. through aerial method by installing 30 numbers of poles- Reg**

Sir,

Please find enclosed herewith a proposal of M/s Sumit Digital Infrastructure Ltd. for laying of insulated electric cable From Km.25+400 to Km.26+400 in Chakulifarm village on NH-53 along RHS for a length of 1 Km. through aerial method by installing 30 numbers of poles. The details are as under:

Sl No.	Description	Chainage		Side	Remark
		From	To		
1.	Laying of insulated electric cable	Km.25+400	Km.26+400	RHS	Laying of insulated electric cable in Chakulifarm village through aerial method by installing 30 numbers of poles.

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,

31.07.24

(Abinash Behera)
Dy. Manager (Tech)

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
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NHAI/13011/54/RO/OD/ 1534/2024 31.07.2024

INVITATION OF PUBLIC COMMENTS

Sub: Four laning of Sambalpur Bargarh - Orissa / Chhattisgarh Border Section of NH-06 from Km.0.000 to 88.000 in the State of Orissa to be executed as BOT (Toll) on DBFOT pattern under NHDP Phase-III **-Grant permission for laying of insulated electric cable by Sumit Digital Infrastructure Ltd. From Km.25+400 to Km.26+400 in Chakulifarm village on NH-53 along RHS for a length of 1 Km. through aerial method by installing 30 numbers of poles- Reg**

M/s Sumit Digital Infrastructure Ltd. has submitted a proposal for laying of insulated electric cable From Km.25+400 to Km.26+400 in Chakulifarm village on NH-53 along RHS for a length of 1 Km. through aerial method by installing 30 numbers of poles. The details are as under:

Sl No.	Description	Chainage		Side	Remark
		From	To		
1.	Laying of insulated electric cable	Km.25+400	Km.26+400	RHS	Laying of insulated electric cable in Chakulifarm village through aerial method by installing 30 numbers of poles.

3. As per guidelines issued by MoRTH vide F. No. RW/NH-33044/29/2015/S&R(R) dated 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).

4. 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".

31.07.24

Dy. 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 of insulated conductor using poles i the land across National Highway vested with NHAI.

Relevant Circulars

1) Ministry Circular No. NH-41 (58)/68 dated 31.01.1969
2) Ministry Circular No. NH-III/P/66/76 dated 18/19.11.19776
3) Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982
4) Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993
5) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995
6) Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999
7) Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003

Check list for getting approval for laying of insulated conductor on poles Lines on NH land

NH-53

Sl No.	Item	Information / Status	Remarks
1	General information	Aerial Laying of Optical Fiber Cable by installing 32 nos of own PSC poles	
1.1	Name and Address of the Applicant	Summit Digitel Infrastructure Ltd., Fortune Tower, 1st Floor, Wing A&B, Chandrrasekharpur, Pin-751023	
1.2	National Highway Number	NH-53	
1.3	State	Odisha	
1.4	Location	Chakulifarm Village on NH-53	
1.5	(Chainage in Km)	Ch 25/4 Km to Ch No. 26/4 Km	
1.6	Length in Meters	1000 (R.H.S.)	
1.7	Width of available ROW		
	(a) left side from center line towards increasing chainage /km direction		
	(b) Right side center from line towards increasing chainage / Km direction		
1.8	Proposal to lay pipe line	32 PSC Poles	
	(a) left side from center line towards increasing chainage /km direction	29 Mtrs	
	(b) Right side from center from line towards increasing chainage / Km direction		

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Authorized Signatory

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National Highways Authority of India
प.का.ई, सम्बलपुर/PIU, Sambalpur

महाप्रबंधक और परियोजना निदेशक
GM(T) & Project Director
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1.9	Proposal to accuire land	N.A	
	(a) Left side from center line		
	(b) Right side from center line		
1.10	Whether proposal is in the same side where land is not to be acquired. If not then where to lay the water pipe line	N.A	
1.11	Details of already laid services, if any, along the proposed route	N.A	
1.12	Number of lanes (2/4/6/8 lane) existing	4 Lane + PS	
1.13	Purposed number of lanes (2 lanes with paved shoulders/4/6/8 lanes)	4 Lane + PS	
1.14	Service road existing or not	No	
	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service road	No	
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay OFC line is after service road or between the service road and main carriageway	NA	
1.17	The permission for laying of OFC line shall be considered for approval / rejection based on the Ministry Circulars as above.	NA	
	(a) Carrying of sewagw/gas pipelines on highway bridges shall not be permitted as Fumes/gases pipes can accelarate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of Water.		
	(b) Carrying of pipe lines on bridges shall also be discourged. However, if the water supply authorities seem to have no other viable alternative 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, support on extended portions of piers and abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repairs, etc.		
	(c) Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities.		
	(d) Service are not being allowed indiscriminately on the parapet/any part of the bridges, 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.		

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1.18	If crossings of the 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.	NA	
	(a) Existing drainage structures shall not be allowed to carry the lines.		
	(b) Is it on a line normal to NH		
	(C) Crossing shall not be too near the existing structure on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures.		
	(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 strengh and be large enough to permit ready withdrawal of the carrier pipe/cable.		
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.		
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.		
	(g) The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.		
	(h) 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 / Drawings enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2m deep x 0.3 m wide)	Aerial Laying of Optical Fiber Cable by installing own PSC poles	
	(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-lines of the nearest carriageway		
	(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		
	(iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstructure drainage of the road land.		

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2.2	Cross section showing the size of pit and location of cable for HDD method	Aerial Laying of Optical Fiber Cable by installing own PSC poles	
2.3	Strip plan /route plan showing OFCline chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersection, cross drainage works etc.	Aerial Laying of Optical Fiber Cable by installing own PSC poles	
2.4	Methodology for laying of showing OFC line	Aerial Laying of Optical Fiber Cable by installing own PSC poles	
2.4.1	Open trenching method, (May be alllowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench	NA	
	(a) The trench width should be at least 30 cm, but not more than 60 cm 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 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 selected material.	NA	
	(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.	NA	
	(d) The sidefill shall consist of granular material laid in 15 cm 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.	NA	
	(e) The road crust shall be built to the same strengh as the exsting crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	NA	
	(f) The excavation shall be protected by flagman, sign and barricades, and red lights during night hours.	NA	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	NA	
2.4.2	Horizontal Directional Drilling (HDD) Method	Aerial Laying of Optical Fiber Cable by installing own PSC poles	
2.4.3	Laying OFC Line through CD works and method of laying	NA	
	(a) On approaches, the water mains/cables shall be carried along a line as close to the edge of the right-of way as possible up-to a distance of 30 m from the bridge and subject to all other stipulations contained in this Ministry's guideline issued with letter No. NH-HI/P/66/76 dated 19.11.1976.		
3	Draft license Agreement signed by two witnesses.	Enclosed	
4.0	Performance Bank Guarantee in favour of NHAI has to be ontained @ 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 laying the cables/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 licensee for clearing debris/loose earth.	To be submitted as per NHAI guideline	

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PIU, Sambalpur, Odisha

4.1	Performance BG as per above is to be obtained.	To be confirmed	
4.2	Conformation of BG has been obtained as per NHAI quidelines		
5	Affidavit / Undertaking from the Applicant for the following is to be furnished		
5.1	Not to damage to other utility, if damaged then to pay losses either to NHAI or to the concerned agency	Undetaking Attached	
5.2	Renewal of Bank Gurantee	Undetaking Attached	
5.3	Conforming all standard condition of NHAI's guideline	Undetaking Attached	
5.4	Shifting of OFC Line as and when required by NHAI at their own cost.	Undetaking Attached	
5.5	Shifting due to 6 lanning/widening of NH	Undetaking Attached	
5.6	Indemnity against all damages and claims clasuse (xxiv)	Undetaking Attached	
5.7	Traffic movement during laying of OFC line to be managed by the applicant	Agreed & Undetaking Attached	
5.8	If any claims is raised by the Concessionaire then the same has to be paid by the applicant	Agreed & Undetaking Attached	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the showing OFC line located in the National highway right-of-ways.	Agreed & Undetaking Attached	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the OFC line will be borne by the agency owning the line.	Agreed & Undetaking Attached	
5.11	If the 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 NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Agreed & Undetaking Attached	
5.12	Certificate from the applicant in the following format (i) Laying of OFC line will not have any deleterious effect on any of the bridge components and roadway safety for traffic. (ii) for 6-lanning "We do undertaking that, I will relocate service road/approach road/utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI" for future six-lanning or any other development"	Certification attached & Agreed	
6	Who will sign the agreement on behalf of M/s Jio Digital Fiber Ltd. agency.	State Coordinator, Odisha	
	Power of attornwy to sign the agreement is available or not	Available	
7	Certificate from the Project Director	NA	
7.1	Certificate for conforming of all standard condition issued vide Ministry Circular No. Ministry Circular No.NH-41 (58) 68 dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003	To be submitted	

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7.2	Certificate from PD in the following format (i) "It is certified that any other location of the OFC line would be extremely difficult and unreasonable costly and the installation of OFC line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc". (ii) for 6-lanning (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 structure at the said location". (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning".	To be submitted	
8	If NH Section proposed to be taken up by NHAI on BOT basis- a clause to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay cable/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 thereof, the licensee shall honour the same".	NA	
9	Who will supervise the work of laying of OFC line	Site Engineer of Summit Digitel Infrastructure Ltd	
10	Who will ensure that the defects in road portion after laying of OFC line are corrected and if not corrected then what action will be taken.	Jointly by site engineer of Summit Digitel Infrastructure Ltd & NHAI	
11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire	Summit Digitel Infrastructure Ltd	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the precribed proforma (copy enclosed)	Yes	
13	If any previous approval is accorded for laying of underground OFC line then photocopy of register of records of the permission accorded as maintained by PD then copy be enclosed.	No	

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ई सम्बलपुर, ओड़ीशा / PIU, Sambalpur, Odisha