



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, ओडिशा / Regional Office, Odisha

301 - ए, तीसरी मंजिल, पाल हाइट्स, प्लॉट नं जे/7, जयदेव विहार, भुवनेश्वर - 751013, ओडिशा

301-A, 3rd Floor, Pal Heights, Plot No : J/7, Jayadev Vihar, Bhubaneswar- 751013, Odisha

दूरभाष / Ph.: 0674 - 2361470/ 570/670 (का/ओ)

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NHAI/13011/54/RO/OD/2173/2023

24.07.2023

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 – Request to grant permission for overhead crossing of 33 kV XLPE Insulated Cable of Maharaja Polyfab Pvt Ltd located at Km.60+570 of NH-53 - Reg

Sir,

Please find enclosed herewith a proposal of Maharaja Polyfab Pvt Ltd for granting permission for overhead crossing of 33 kV XLPE Insulated Cable at Km.60+570 of NH-53. The details are as under:

Sl No.	Description	Chainage	NH No.	Remark
1.	Crossing	Km.60+570	53	overhead crossing of 33 kV XLPE Insulated Cable

2. Accordingly, as per guidelines issued by MoRTH vide P. 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,

Abinash
24.07.2023

(Abinash Behera)
Dy. Manager (Tech)



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NHAI/13011/54/RO/OD/ 2112/2023

24.07.2023

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 – Request to grant permission for overhead crossing of 33 kV XLPE Insulated Cable of Maharaja Polyfab Pvt Ltd located at Km.60+570 of NH-53 - Reg

Maharaja Polyfab Pvt Ltd has submitted a proposal for granting permission for overhead crossing of 33 kV XLPE Insulated Cable at Km.60+570 of NH-53. The details are as under:

SI No.	Description	Chainage	NH No.	Remark
1.	Crossing	Km.60+570	53	overhead crossing of 33 kV XLPE Insulated Cable

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".

(Signature)
24.07.2023

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

Check List

Guidelines for Project Directors for processing the proposal for the 33 Kv line Crossing across the 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 the 33 Kv line Crossing across the National Highway vested with NHAI

H-53

Sl No.	Item	Information / Status	Remarks
1	General information		
1.1	Name and Address of the Applicant	Maharaja Polyfab Pvt Ltd Chakarkend Bargarh, Odisha 768033.	
1.2	National Highway Number	NH 53	
1.3	State	Odisha	
1.4	Location	Maharaja Polyfab Pvt Ltd Chakarkend Bargarh, Odisha- 768033.	
1.5	(Chainage in Km)	One Crossing at KM 60+570	
1.6	Length in Meters	NA	


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


परियोजना निर्देशक/Project Director
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1.7	Width of available ROW	60 m	
	(a) left side from center line towards increasing chainage /km direction	30 m	
	(b) Right side center from line towards increasing chainage / Km direction	30 m	
1.8	Proposal to lay Road Line		
	(a) left side from center line towards increasing chainage /km direction	NA	
	(b) Right side from center from line towards increasing chainage / Km direction	NA	
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	NA	
1.12	Number of lanes (2/4/6/8 lane) existing	4	
1.13	Purposed number of lanes (2 lanes with paved shoulders/4/6/8 lanes)	N.A	
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	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to lay cable is after service road or b/w service road & main Carriage Way	NA	
1.17	The permission for 33 KV Line Crossing Overhead I shall be considered for approval / rejection based on the Ministry Circulars as above.	Agreed	
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.	Overhead crossing will be done with sufficient height clearance.	
	(a) Existing drainage structures shall not be allowed to carry the lines.	NA	
	(b) Is it on a line normal to NH	Yes	
	(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.	Agreed	
	(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 shall be sealed from the outside, so that it does not act as a drainage path.	NA	
	(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.	NA	
	(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.	NA	

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National Highways Authority of India


K. Nageswara Rao
Project Director,
NHAI, PIU Sambalpur

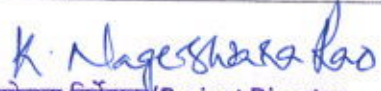
(h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	NA	
(i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	NA	


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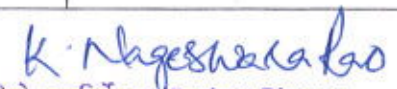
2	Document / Drawings enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2m deep x 0.3 m wide)	NA	
	(i) should not be greater than 60 Cm wider than the outer diameter of the pipe	NA	
	(ii) located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-lines of the nearest carriageway	NA	
	(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	NA	
	(iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	NA	
2.2	Cross section showing the size of pit and location of cable for HDD method	NA	
2.3	Strip plan /route plan showing Line Crossing chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersection, cross drainage works etc.	NA	
2.4	Methodology for laying of 33 KV Line Crossing	Attached Annexure	
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	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	


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5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the showing Overhead Cable Crossing located in the National highway right-of-ways.	Yes	
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 Line Crossing Cable will be borne by the agency owning the line.	Yes	
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.	Yes	
5.12	Certificate from the applicant in the following format (i) Laying of 33 KV Line (Cable Crossing) 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"	Yes	
6	Who will sign the agreement on behalf of Cable Crossing line agency.	Company	
7	Certificate from the Project Director		
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	(Yes/No)	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the line Crossing would be extremely difficult and unreasonable costly and the Crossing of Cable Over head 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".	(Yes/No)	


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<p>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".</p>	<p>YES</p>	
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