

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India (Ministry of Road Transport and Highways, Government of India) क्षेत्रीय कार्यालय-पश्चिम उ0प्र0, लखनऊ Regional Office - West UP, Lucknow. 3/248. विशाल खण्ड, गोमती नगर, लखनऊ-226010 (उ.प्र.) 3/248, Vishal Khand, Gomti Nagar, Lucknow-226010 (UP) दूरभाष / Phone : 0522-4960291, टेलीफैक्स / Fax : 0522-4950680 ई-मेल / E-mail : rowestup@nhai.org, rowestup@gmail.com



14001/1/RO-W-UP/NH-731/Km.232-233/OH/2378

Dated: 28.08.2023

Invitation of Public Comments

Sub: Improvement and Up-gradation of Existing road to 4-Lane with Paved Shoulder from Km. 229,078 to Km. 260.800. End of Hardoi District to Lucknow of NH-731 (Pkg-IV) under EPC mode in the state of Uttar Pradesh- Obtaining NOC of Electrical overhead crossing of 220 KV Jehta- Mallavan transmission line at location number AP-64 & AP-64 of 220 KV Jehta-Mallavan line is crossing NH-731 between chainage no. 232-233-reg

The Authorized Signatory M/s EE, UPPTCL, Hardoi has submitted the proposal for Overhead Crossing of NH-731 by 220KV D/C Jehta-Mallavan Line in between km. 232-233 in the State of Uttar Pradesh.

From the submitted proposal, it is noted that the position of Tower is outside of 2. NH ROW. Length of crossing Span is 224m & Towers are at a distance of 100m & 124m from centre of NH-ROW while height of towers is 46.516m in both side. Vertical Clearance between road level & the lowest conductor is 20.56m. Width of available ROW is 45m.

As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/ 2015/ 3. S&R(R) dated 22.11.2016, the application shall be put out 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, comments of the public on the above application is invited to the below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

> The General Manager cum Regional Officer, National Highways Authority of India Regional Office, UP-West, Lucknow 3/248, Vishal Khand, Gomti Nagar Lucknow-226 010

This issues with the approval of RO-West (UP).

Encl: As above.

(Mohd. Zaid) Manager(T) For RO-West, UP

Copy to:

- 1. Web Admin, NHAI-HQ- with request for uploading on the NHAI website.
- 2. The Technical Director, NIC, Transport Bhawan, New Delhi- with request for uploading on the Ministry's website.
- 3. The PD, PIU-Bareilly for information.

CHECKLIST

Project Director for processing the Proposal of overhead electrical line crossing national highways vested with NHAI

Circular / Codes:-

Ministry Circular No NH-III/P/20/77 dated 08-04-1982

Indian Electricity Act 1910

Indian Electricity Rules 1956

IRC: 32-1969

IS: 5613-1976 Part I to V

For getting approval for laying of overhead electrical line along the National Highway NH-731, vasted with NHAI

S.No	ltem	Information/Status	Remark
	General Information	220 KV D/C Jehta(400) - Mallawan LINE	
	Name and address of the Applicant	UPPTCL, ETD-HARDOI	
	National Highway No	NH-731, Pkg-IV	
1.3	State	UTTAR PRADESH	
	Location	KATRA TARAUNA, TASHIL-MALIHABAD, DIST LUCKNOW	
1.5	Type of electric including carrying voltage details and purpose	220 KV D/C	
1.6	Chain-age in Kilometer	232+740	
1.7	Length in Meter	45	
1.8	Width of available ROW		
(a)	Left side from centr of road	124	
(b)	Right side from centr of road	100	
1.9	Proposal to lay Overhead		
)) ·	Left side from center line towards increasing chainage/KM Direction Right side from center line towards increasing chainage/KM Direction Erection of Electrical line along the NH 731	As above As above N/A	
	Proposal to acquire land	N/A	
	Left side from center line		
	Right side from center line		
1.11	wether the proposal is a- in the saeme side where land is not to the acquired b- Crossing the National highway If not then where to lay the overgead electrical line	Crossing the National Highway	
1.12	Details of already laid services (overhead telicommunication line, overhead electric line etc.), if any, along the proposed route/purposed crossing.	N/A	
113	No of lanes (2/4/6/8 lanes) existing	04 lane	
1.1.	Pirposed number of lanes(2 lanes with paved shoulder 4/6/8lanes)	N/A	
	Service Road existing or not	N/A	
1.1.	If yes then which side		
	Left side from center line		
	Rightside from center line		
11	5 Purposed Service Road	N/A	
1.1	Left side from center line		
	Rightside from center line		

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ोजना कार्यान्वयन इकाई, बरेली (उ०प्र०) EXECUTIVE ENGINEER Electricity Transmission Division U.P. Power Trans.Corpo.Ltd Hardoi

Team Leader Theme Engineering Services Pvt. Ltd. Hardoi-Lucknow NH731

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24 Resident Engineer Theme Engineering Services Pvt. Ltd. Hardoi-Lucknow NH731

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शारतीय राष्ट्रीय राजमार्ग प्राविकरण

0 निदशक परिय भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना कार्यान्वयन इकाई, बरेली (उ०प्र०)

	Where proposa; to lay overhead electric line is after the service road or betweeen the service road and main carriage way, or crossing for approval/	N/A
	rejection based on the Ministry circulars and relevant codes mentioned as above.	
1.18	(I)- If crossing of roads involved	Yes
-	(a) Crossing angle for NH and provide length along the Highway	82°00'00"
	 (b) Structure (Tower, pole and for HT Line only tension tower) for crossing shall not be too near the exesting structure on the National Highway. The minimum distance being 15 meter. (i)-Type of Existing / proposed structure for National Highways (ii)-what is the distance of tower, pole and tension tower lying from the existing / proposed structure for National Highways. 	Tower no AP-64 & AP-65 placed at a distance of 100m & 124 mtr. Respectively from NH Center.
	(c) - The overhead lines and their supporting poles / towers should ordinarily be placed at the extreme age of the road land boundry. In any case, these shall be at least 10 meter away for the age of the existing shoulders of extreme traffic lane. Where the existing road way is narrower then the minimum according to standard or where the widening is proposed for any reason the lateral clearance shall be reckoned with respect to ultimate road way. What is the Horizontal clearance from the extreme edge of the road land boundary?	Tower no AP-64 & AP-65 placed at a distance of 100m & 124 mtr. Respectively from NH Center.
	(d) The overhead lines and their supporting poles/tower should originally be placed at the minimum distance of 5.0 m from the nearest line of avenue trees. What is the Horizontal clearance from the nearest line of avenue trees?	N/A
	(e) In mountainous / hilly terrain the overhead lines should be erected preferably on the valley side as far away as practicable. In hilly reason, lable of ground at a situable distance below the outer conductor on either side from the central line is also to be noted and marked in profile so as to ensure required ground clearence underneath conductor and side clearances in swung conditions. Is the proposal in hilly area?	Plain terrain
	(f) The horizontal clearance in respect of poles erected for the purpose of street	
	lighting in urban situations shall be as under:-	
	i- For roads with Minimum 300mm from the Raised kerbs 300mm from the aged of nearest kerb	N/A
	Preferably 600mm ii- For roads with At least 1.5m from the edge of the carriage way, raised kerbs subject to minimum of 5.0 from the central line of the carriage way.	N/A
	(g) The Pylons of HT lines along crossing the road shall be located outside the NH	N/A
	(h) For crossing the line of same voltage or lower voltage, suspension/ tension tower with suitable extensions shall be used.	N/A
	(i)- The vertical clearance of the overhead lines crossing the road shall be reckoned from the top of the crown of the road taking into account the anticipated final top level due to future raising of road level, strengthening of	20.56 Meter
	payment etc. The actual ground clearance of High Tension line for voltage above 650 Volts varies depending upon the voltage transmitted and these are stipulated in indian standard. Code is 56130-1976 part I to IV and Indian Electricity Rules 1956 as	
	under.	

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And राष्ट्रीय राजमार्ग प्राविकरण हयन इक्तई, बरेली (उठा०) EXECUTIVE ENGINEER

Electricity Transmission Division U.P. Power Trans.Corpo.Ltd Hardoi

da. परियोजना निदेशक

परियोजना निदर्भया भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना कार्यावयन इकाई, बरेली (उठां०)

Resident Engineer Theme Engineering Services Pvt. Ltd. Hardoi-Lucknow NH731

	Affidavit/ Undertaking to be obtained from (to be furnished by the applicant).	Yes	
2.1	Not to demage to other utility, if damaged then to pay the losses either to NHAI of to the concerned agency	Yes	
2.2	Undertaking for Renewal of Bank Guarantee if required.	N/A	
	Confirming all standard conditions as laid down in ministry circular no - NH- III/P/20/77 dated 08-04-1982 Indial Electricity Act 1910 Indian Electricity Rules 1956 IRC:32-1969, IS :5613 part I to IV of (NHAI)	Yes	
2.4	Shifting of overhead Electrical line at their own cost as an when required by (NHAI)	Yes	
2.5	Shifting of overhead Electrical line at their own cost as an when required due to 4/6 lanning/widening of NH	Yes	
2.6	Indemnity against all demage and claims whatesover kind that may be to NHAI or to any third party in the row during installation, operation and maintenance	Yes	
2.7	Traffic movement during laying of OFC/cable to be managed by the applicant	Yes	
2.8	If any claim is raised by the concessionaire then the same gas to ebe paid by the applicant.	Yes	
	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the overhead electrical line located in the National Highway right of way	Yes	
2.10	Explenditure, if any , incurred by electric department for repairing any demage caused to the National Highway by laying, maintenance or shifting of the overhead electrical line in the National Highway right of the way	Yes	
2.11	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 electric department owining the utility line within a reasonable time (not exceeding 60 days) of the intimation given	Yes	
2.12	Certificate from the applicant in the following format:- (i) Laying of overhead electrical will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	Yes	
	(II)For 4/6 laning "we do undertake that I will relocate service road/ approch road, utilities at my own cost, notweithstanding the permission granted within such time as will be stipulated by NHAI' for future 6 laning or any other devlopment.		
2.13	The transmission line installation shall be carried out by trained and experienced personnel and supervised by technically qualified persons competent to undertake such work.	Yes	
2.14	The applicant ensures the safety of the Highway traffic against the Hazards of the high voltage lines during installation , operation and maintenance.	Yes	
2.15	Undertaking the compliance with Indian Electricity Rules and other authorities, regulations-allover headlines shall comply with the requirement of the Indian Electricity rules made their under and the regulations or specification as laid down by NHAI	Yes	

(SNIGNADIA)

प्रबन्धक तकः भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना कार्यावयन इक्तई, बरेली (उ०२०)

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EXECUTIVE ENGINEEN Electricity Transmission Division U.P. Power Trans.Corpo.Ltd Hardoi

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Team Leader Theme Engineering Services Pvt. Ltd. Hardoi-Lucknow NH731

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Resident Engineer Theme Engineering Services Pvt. Ltd. Hardoi-Lucknow NH731

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