



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
(परियोजना कार्यावन्धन ईकाई-रेवाड़ी)
प्लॉट नं. 20, सेक्टर 32,
गुड़गांव - 122003, (हरियाणा)

National Highways Authority of India
(Ministry of Road Transport and Highways, Govt. of India)
(Project Implementation Unit-Rewari)
Plot No. 20, Sector 32, (Institutional Area),
Gurgaon-122003, (Haryana)



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NHAI/EC/NH/48B/08/10/47/2024-25/2064.

18.12.2024

Invitation of Public Comments

Sub: Overhead crossing of existing National Highway-148B proposed at Channel 28.031 by Power Grid Transmission Line 765 KV D/C Bikaner III- Neemrana II Transmission Line (28 km-29 km).

Executive Engineer, Bikaner - Neemrana Power Grid Limited, Narnaul (Mahendergarh) submitted the proposal for Crossing of existing National Highway-148B proposed at Channel 28.031 by Power Grid Transmission Line 765 KV D/C Bikaner III- Neemrana II Transmission Line (28 km-29 km) in the State of Haryana.

2. From the submitted proposal, it is seen that the Crossing of Electric Line, length is proposed for 60m. As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/ 2015/ 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).

3. In view of the above, comments of the public on the above application are 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 Project Director,
National Highways Authority of India
Project Implementation Unit- Rewari
Plot no. 20, Sector 32, Gurugram
Haryana, 122003

Encl: As above.


(Yogesh Tilak)
Project Director

Copy to:

4. Technical Director, NIC, Transport Bhawan, New Delhi- with request for uploading on the Ministry's website. (Email: mansoor@nic.in).
5. Regional Officer - Delhi, NHAI- for kind information.
6. Executive Engineer, Bikaner - Neemrana Power Grid Limited, Narnaul(Mahendergarh) - for information.



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पीआईयू/ईसी/एनआईसी/08/10/47/2064-

दिनांक: 18/12/2024.

सार्वजनिक टिप्पणियों का आमंत्रण

विषय: पॉवर ग्रिड ट्रांसमिशन लाइन 765 केवी डी/सी बीकानेर III- नीमराना II ट्रांसमिशन लाइन (28 किमी-29 किमी) द्वारा मौजूदा राष्ट्रीय राजमार्ग -148 बी के ओवरहेड क्रॉसिंग का प्रस्ताव चैनल 28.031 पर।

आवेदक मेसर्स बीकानेर-नीमराना पॉवर ग्रिड ट्रांसमिशन लिमिटेड ने संदर्भ (i) के तहत उद्धृत पत्र के माध्यम से हरियाणा राज्य में राष्ट्रीय राजमार्ग -148 बी पर किमी. 28.000 से किमी. 29.000 तक 765 केवी ट्रांसमिशन लाइन ओवरहेड क्रॉसिंग का प्रस्ताव प्रस्तुत किया है।

2. प्रस्तुत प्रस्ताव से यह देखा गया है कि विद्युत लाइन की क्रॉसिंग की लंबाई 60 मीटर प्रस्तावित है। मंत्रालय के दिनांक 22.11.2016 के कार्यालय जापन संख्या आरडब्लू/एनएच-33044/29/2015/एसएंडआर® के अनुसार, राजमार्ग प्रशासक जनहित के आधार पर 30 दिनों के लिए सार्वजनिक टिप्पणियों के लिए उपयोगिता बिछाने की अनुमति मांगने वाला प्रस्ताव उपलब्ध कराएंगे।

3. उपरोक्त के मद्देनजर, उपर्युक्त प्रस्ताव पर जनता की टिप्पणियां आमंत्रित की जाती हैं और ये टिप्पणियां 30 दिनों के भीतर उपर्युक्त पते पर पहुंच जानी चाहिए, इसके बाद किसी भी टिप्पणी पर विचार नहीं किया जाएगा। यह क्षेत्रीय अधिकारी सह राजमार्ग प्रशासक के अनुमोदन से जारी किया जा रहा है।

संलग्न: उपरोक्त अनुसार।

21/12/24

(योगेश तिलक)

डीजीएम(टी)/परियोजना निदेशक

प्रतिलिपि ::

1. तकनीकी निदेशक, एनआईसी, परिवहन भवन, नई दिल्ली- मंत्रालय की वेबसाइट पर अपलोड करने के अनुरोध सहित।
2. आरओ (दिल्ली), एनएचएआई-मुख्यालय, द्वारका, नई दिल्ली।
3. अधिकृत हस्ताक्षरकर्ता, मेसर्स बीकानेर-नीमराना पॉवर ग्रिड ट्रांसमिशन लिमिटेड।

Annexure-I

CHECK-LIST

Guidelines for Project Directors for processing the proposal for Crossing of 765 KV D/C Bikaner III-Neemrana II Transmission line(TL04) in the land Parallel / Crossing National Highways vested with NH.

Relavent Circulates of Ministry of Road Transport and Highways

1. Circular no. RW/ NH-333044/27/2005/S&R * Dated 22.11.2016 it is regarding the accommodation of Public and Industrial Utility services along and across National Highways Policy Guidelines

Sr.No.	Item	Information/ Status	Remarks
1	General Information	Crossing of 765 KV D/C Bikaner III-Neemrana II Transmission line(TL04)	
1.1	Name and Address of the Applicant Agency	PowerGrid Bikaner Neemrana Transmission Ltd. Narnaul TLC Office Narnaul-123001.	
1.2	National Highway Number	NH-148B	
1.3	State	Haryana	
1.4	Location	Near Dhani Bathotha Village	
1.5	(Chainage in KM)	Km. 28+031	
1.6	Length in Meters	66.88 meter	
1.7	Width of available of ROW	66.88 meter	
	(a) Left side from center line towards increasing chainage/km direction	33.27 meter	
	(b) Right side from center line towards decreasing chainage/KM direction	33.61 meter	
1.8	Proposal to lay overhead 765 KV D/C Transmission line		
	(a)Left side from center line towards increasing chainage/km direction	Overhead crossing at Km.28+031 First leg(Tower Edge) of tower is at distance of 120.16 meter from center line.	
	(b) Right side from center line towards decreasing chainage/km direction	Overhead crossing at Km.28+031 First leg(Tower Edge) of tower is at distance of 97.66 meter from center line.	
1.9	Proposal to acquire land	No	

	(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 if not then where to lay the cable	NA	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number is lanes (2/4/6/8 lanes) existing	6 Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	No	
	If yes then which side	-	
	(a) Left side from center line	-	
	(b) Right side form center line	-	
1.15	Proposed Service road	No	
	(a) Left side from center line	-	
	(b) Right side form center line	-	
1.16	Whether proposal to overhead 765 KV D/C Transmission line is after the service road or between the service road and main carriageway	Across the National Highway.	
1.17	No. of applicants on the same scratch.	1	
1.18	Whether the case of multiple licenses	No	
1.19	If so, furnish a joint implementation programmer to lay their respective ducts within stipulated time frame.	NA	
1.20	If crossing of the road involved	Yes, Overhead crossing is proposed	
	• Crossing angle for NH	87°	
	• Conductor to Conductor distance Across the highway	29.63 meter	
	• Structure (Tower, pole & for HT line only tension towers) for crossings shall not be too near the existing structures	No existing structure near crossing location	

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	on the National Highway, the minimum distance being 15 meters.		
	<ul style="list-style-type: none"> Type of existing/proposed structure for National Highways. 	HT Tower	
	<ul style="list-style-type: none"> What is the distance of Tower, pole and tension tower laying from the existing/proposed structure for National Highways? 	<p>Overhead crossing at Km.28+031 First leg (Tower Edge) of tower is at distance of 120.16 meter from center line in LHS</p> <p>Overhead crossing at Km.28+031 First leg (Tower Edge) of tower is at distance of 97.66 meter from center line in RHS</p>	
	<ul style="list-style-type: none"> The overhead lines and their supporting poles/towers should ordinarily be placed at the extreme edge of the road land boundary. In any case, these shall be at least 10 meter away for the edge of the existing shoulders of extreme traffic lane. Where the existing road way is narrower than 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. 	<p>Overhead crossing at Km.28+031 First leg (Tower Edge) of tower is at distance of 120.16 meter from center line in LHS</p> <p>Overhead crossing at Km.28+031 First leg (Tower Edge) of tower is at distance of 97.66 meter from center line in RHS</p>	
	<ul style="list-style-type: none"> What is the horizontal clearance from the extreme edge of the road land boundary? 	Towers (first leg) (Tower Edge) will be constructed at 120.16 meter (LHS) and 92.56 meter (RHS) from center line of NH.	
	<ul style="list-style-type: none"> The overhead lines and their supporting poles/towers should originally be placed at the minimum distance of 5.0 meter from the nearest line of avenue trees. What is the horizontal clearance from the nearest line of avenue trees? 	<p>Above 5 mtr.</p> <p>Left Side- 100.30 mtr Right Side-77.82 mtr</p>	
	<ul style="list-style-type: none"> In mountainous/hilly terrain the overhead lines should be erected preferably on the valley side as far away as practicable. In hilly region, lable of ground at suitable distance below the conductor on either side from the central line is also to be 	No hilly terrain	





	noted and marked in profile so as to ensure required ground clearance underneath conductor and site clearances in swung conditions. Is the proposal in hilly area?		
	<ul style="list-style-type: none"> The horizontal clearances in respect of poles erected for the purpose of street lighting in urban situations shall be as under: For the roads with raised kerbs - minimum 300 mm from the edge of nearest kerb preferably 600 mm For roads with raised kerbs at least 1.5 meter from the edge of the carriageway subject to minimum of 5.0 from the central line of the carriage way. 	NA	
	<ul style="list-style-type: none"> The Pylons of HT lines along crossing the road shall be located outside the NH land 	Yes will be constructed outside NH ROW	
	<ul style="list-style-type: none"> For crossing the line of same voltage or lower voltage, suspension/tension tower with suitable extensions shall be used. 	NA	
	<ul style="list-style-type: none"> 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 rising of road level, strengthening of pavement 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 standards. Codes IS 56130-1976 part 1 to 4 and Indian Electricity Rules 1956 as under. 	<p>As per the Guidelines, Vertical Clearance is 18.80 meter</p> <p>As per proposed Vertical Clearance is 23.74 meter</p>	
2.	Document/Drawings enclosed with the proposal		
2.1	Strip plan/Route Plan showing the overhead 765 KV D/C Transmission line, Chain age,	Drawing Attached	

	width of ROW, distance of proposed structure (tower, poles), important milestone, intersections, cross drainage work etc.		
2.2	Methodology for crossing overhead 765 KV D/C Transmission line	Methodology attached	
2.3	Draft License Agreement signed by two witnesses	Will be provided when applicable.	
2.4	Performance Bank Guarantee in favor of NHAI has to be obtained at the Rs 100/- per square meter and Rs. 1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completions of work) as security for insuring/making good the area, cleaning debris/loose earth etc. produced in the right of way. No payment shall be payable by the NHAI to the license for clearing debris/loose earth.	Will be obtained after approval	
2.5	Power of Attorney in favor of authorized signatory.	Yes, Authorization letter is enclosed	
2.6	Copy of License	Yes, Enclosed	
3	Affidavit /Undertaking form the Applicant		
3.1	Not damaging other utilities, if damaged then pay the losses either to NH or to the agency concerned.	Yes, Enclosed (Undertaking Point-1)	
3.2	Undertaking for Renewal of Bank Guarantee	Yes, Enclosed (Undertaking Point-2)	
3.3	Confirming all standard condition as laid down in 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 IV	Yes, Enclosed (Undertaking Point-3)	
3.4	Shifting of overhead 765 KV D/C Transmission line as and when required by NH at their own cost by the applicant.	Yes, Enclosed (Undertaking Point-4)	
3.5	Shifting due to 6 Lanning /widening of NH	Yes, Enclosed (Undertaking Point-5)	
3.6	Indemnity against all damages and claims of whatever kind may be to NHAI or to any third party in the ROW during installation,	Yes, Enclosed (Undertaking Point-6)	




	operation and maintenance.		
3.7	Traffic movement during crossing of 765 KV D/C Transmission line to be managed by the applicant.	Yes, Enclosed (Undertaking Point-7)	
3.8	If any claim is raised by the concessionaire, then the same must be paid by the applicant.	Yes, Enclosed (Undertaking Point-8)	
3.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the overhead electrical line located in the NH ROW.	Yes, Enclosed (Undertaking Point-9)	
3.10	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 cost of M/s. PowerGrid Bikaner-Neemrana Transmission Ltd. Owing the utility line within a reasonable time (not exceeding 60 days) of the information given.	Yes, Enclosed (Undertaking Point-10)	
3.11	The transmission line installation shall be carried out by trained and experienced personnel and supervised by technically qualified people competent to undertake such work.	Yes, Enclosed (Undertaking Point-11)	
3.12	The applicant ensures the safety of the highway traffic against the hazardous of the high voltage lines during installation, operation and maintenance.	Yes, Enclosed (Undertaking Point-12)	
3.13	Undertaking the compliance with Indian Electricity rules and other Authorities, regulations- all overhead lines shall comply with the requirement of the Indian Electricity act and rules made their under and the regulations or specifications is laid down by NHAI.	Yes, Enclosed (Undertaking Point-13)	
4	Certificate for 6-lanning from the applicant in following format: - (1) "we do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the	Yes, Enclosed (Undertaking Point-14)	

	<p>permission granted within such time as will be stipulated by NHAI for future six-Lanning or any other development.</p> <p>(2) Lying of overhead electrical will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</p> <p>(3) Certificate for confirming all standard conditions issued vide ministry Circular No.RW/ NH-333044/27/2005/S&R • Dated 22.11.2016</p>		
5	Certificate from the Project Director	Agreed will be obtained after approval	
5.1	<p>Certificate for 6-lanning from PD in the following format</p> <p>(a) Where feasibility is available, I do certify that there will be no hindrance to proposed six Lanning 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 Lanning</p>	Agreed will be obtained after approval	
5.2	<p>If the NH section proposed to be taken up by NHAI on BOT basis a clause in para 17 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 NMH No____on build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."</p>	NA	
5.3	<p>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) issued vide ministry Circular No</p>	Yes, certificate will be obtained after approval	

6	Who will sign the agreement on behalf of M/s PowerGrid Bikaner-Neemrana Transmission Ltd.	As per the authorization letter Mr. Dinesh Kumar Sejkar.	
7	Who will ensure that the defects in the road portion after laying of OFC are corrected and if not corrected then what action will be taken.	NA	
8	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	M/s. PowerGrid Bikaner-Neemrana Transmission Ltd.	
9	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed Performa (copy enclosed) issued vide ministry Circular No	Yes, certificate will be obtained after approval	
10	If any previous approval is accorded for crossing of cable, then photocopy of register of record of permissions accorded as maintained by PD	NA	

Date:-

Place:-Narnaul

For,

M/s PowerGrid Bikaner-Neemrana Transmission Ltd.

दिनेश कुमार सेजकर / Dinesh Kumar Sejkar
 महाप्रबंधक / General Manager
 पावरग्रिड बीकानेर नीमराना ट्रांसमिशन लिमिटेड
 Powergrid Bikaner Neemrana
 Transmission Limited
 नारनौल / Narnaul

