



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## NATIONAL HIGHWAYS AUTHORITY OF INDIA

(Ministry of Road Transport and Highways, Govt. of India)

### क्षेत्रीय कार्यालय/ REGIONAL OFFICE

ई-6/47, स्मृति परिसर, साईबोर्ड के पास, अरेरा कॉलोनी, भोपाल (म.प्र.)-462016

E-6/47, Smriti Parisar, Near Sai Board, Arera Colony, Bhopal (M.P.)-462016

दूरभाष / Phone : 0755-2426638, फैक्स/Fax : 0755-2426698, ई-मेल/E-mail ID - robhopal@nhai.org

NHAI/RO-MP/IND/I-G/SVVPL/303.608/2024/E-248093/ **51004**

Date: 06.05.2024



### Invitation of Public Comments

**Sub:** 4-laning of Indore-Gujarat border section of NH-47 from Km 9.500 to Km 171.000 on DBFOT in the State of Madhya Pradesh under NHDP-III – **Proposal for permission for crossing of Eco Panther conductor on 66KV multi circuit transmission line from 220KV /33KV windfarm pooling substation Hazaratpur to windfarm in District Dhar Madhya Pradesh on Indore-Ahmedabad road of NH-47 crossing at CH-303.608 design CH-76.150 – Reg.**

**Ref:** PD, PIU-Indore e-office file (Computer No. 248093).

The Project Director, PIU-Indore vide e-office file (Computer No. 248093) has recommended the proposal for permission for crossing of Eco Panther conductor on 66KV multi circuit transmission line from 220KV /33KV windfarm pooling substation Hazaratpur to windfarm in District Dhar Madhya Pradesh on Indore-Ahmedabad road of NH-47 crossing at CH-303.608 design CH-76.150.

2. As per Ministry vide OM No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016; the Highways Administrator will make available the proposal seeking permission for utility laying for public comments for 30 days on ground of public interest.

3. In view of the above the comments of public are invited on captioned proposal and the same should reach to below mentioned address till 04.06.2024 beyond which no comments will be considered.

**The Highway Administrator**  
O/o Regional Officer,  
National Highways Authority of India  
E-6/47, Smriti Parisar,  
Near Sai Board, Arera Colony,  
Bhopal (MP)-462016  
E-mail ID:robhopal@nhai.org

This issues with the approval of Regional Officer cum Highway Administration.

(Paras Bansal)  
Manager (T)

Copy to:

- Web Admin, NHAI-HQ-with request for uploading on the NHAI website.
- The Senior Technical Director, NIC, Transport Bhawan, New Delhi-110001 for uploading on Ministry's Website.
- The Project Director, NHAI, PIU-Indore (M.P.) for information.
- The Authorized Signatory, Sprng Vayu Vidyut Private Limited, House No.8, Deendayalpuram, Near Police Super Market Dhar, Dist. Dhar (M.P.)-454001.

## Check list

Guidelines for Project Directors for processing of laying Over Head Electrical line crossing National Highways vested with NHAI.

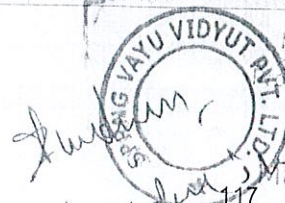
Relevant circular/codes

- 1) Ministry Circular Ni. NH-III/P/20/77 dated 08.04.1982
- 2) Indian Electricity Act-1910
- 3) Indian Electricity Rules- 1956
- 4) IRC: 32-1969
- 5) IS: 5613-1976 part-I to IV

S.No.	I	Information/Status	Remark
1	General Information	Eco Panther conductor on 66KV multi circuit transmission line from 220KV/33KV windfarm pooling substation Hazaratpur to windfarm in District Dhar Madhay Pradesh.	
1.1	Name and Address of the Applicant with full address	SPRNG VAYU VIDYUT PRIVATE LIMITED House no.-8, Deendayalpuram, Near police Super Market Dhar, Dist. Dhar 454001 (M.P.)	
1.2	National Highway Number	NH-47	
1.3	State	Madhay Pradesh	
1.4	Location	Hazaratpur to windfarm in District Dhar	
1.5	Type of electric line including currying voltage, details and purpose.	220KV/33KV windfarm pooling substation Hazaratpur to windfarm in District Dhar	
1.6	(Chai-age in KM)	NH-47 crossing at CH-303.608 design CH-76.150	
1.7	Length in Meter	173.13M crossing overhead line	
1.8	Width of available row	60M	
	(a) Left inside from centre line towards increasing	30m	
	(b) Right side from centre line towards increasing	30m	



1.9	Proposal to lay Over head		
	(a) Left side from centre line towards increasing chainage/km direction	68.26 m	
	(b) Right side from centre line towards increasing chainage/Km direction	104.87 m	
	(c) Crossing of NH	Not applicable	
1.10	Proposal to acquire land	Not applicable	
	(a) Left side from centre line	Not applicable	
	(b) Right side from centre line	Not applicable	
1.11	Whether proposal is	Land not required	
	(a) In the same side where land is not to be acquired	Yes	
	(b) Crossing the national highway		
	If not then where to lay the Over Head Electrical Line	Yes	
1.12	Details of already laid services (overhead Telecommunication line, overhead Electric line etc.) if any, along the proposed route/Proposed crossing	Not applicable	
	Number of lanes *2/4/6/8 lanes) existing	4 Lanes	
	Proper numr of lanes (2 lane iwht paved shoulders/4/6/8)	Not applicable	
1.15	Service road existing or not	Not service road	
	If yes then which side		
	a) Left side from centre line	Not applicable	
	b) Right side from centre line	Not applicable	
1.16	Proposed service road		
	b) Left side from centre line	Not applicable	
	b) Right side from centre line	Not applicable	
1.17	1.17 Whether proposal to lay overhead Electric line is after the service road or between the service road and main carriageway, or Crossing the National Highway	Overhead Electric line crossing NH-47	
1.18	The permission for laying Over Head Electrical Line shall be considered for approval /rejection based on the Ministry Circulars and relevant codes mentioned as above		
1.19	If crossing of the road involved		
	a) It is on a line normal to NH and provide length of Crossing Span	173.13 m	
	b) Structure (Tower, Pole and for HT line only Tension Towers ) for Crossings shall be too near to the existing structures on the National Highway, the minimum distance being 15 meter. (i) Type of	(i) Nil (ii) Distance AP-4/68 m & AP-5/104.87 m	



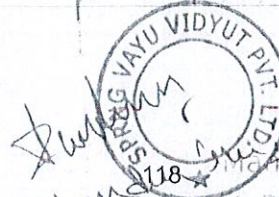
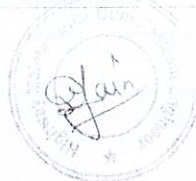
Project Director  
National Highways Authority of India  
Project Implementation Unit - Indore

	Existing/proposed structure for national Highway. (ii) What is the distance of Tower, Pole and Tension Towers line from the existing /proposed structure for national Highway			
	e) 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 meters away from the edge of the existing shoulders of the extreme traffic lane. Where the existing roadway is narrower than the minimum required according to standards 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?		Not applicable	
	d) The overhead lines and their supporting poles / towers should ordinarily be placed at a 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?		Not applicable	
	(e) In mountainous/ hilly terrain the overhead lines should be erected preferably On the valley side as far away as practicable. In hilly region, level of ground at a suitable distance below the outer conductor on either side from the centre line is also to be noted and marked in profile so as to ensure required ground clearance underneath conductor and side clearances in swung conditions. Is the proposal in hilly area?		Plain terrain	
	The horizontal clearances in respect of poles erected for the purpose of street lighting in urban situation shall be as under		Not applicable	
i)	Not applicable	Minimum 300mm from the edge of the nearest kerb; preferably 600 mm		
ii)	Not applicable	At least 1.5 m from the edge of the carriageway subject to minimum of 5.0 m from the centre line of the carriageway		
(g) The pylons of H.T. lines along crossing the road shall be located outside the N.H. land.			Not applicable	

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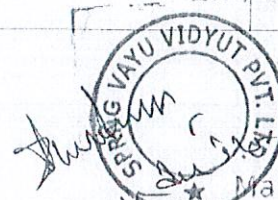


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	(h) For crossing the line of same voltage or lower voltage, suspension / tension tower with suitable extensions shall be used.	Not applicable															
	(i) The vertical clearance of the overhead lines crossing the road shall be reckoned from 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 pavement, etc. The actual ground clearance of high tension lines for voltage above 650 Volts varies depending upon the Voltage transmitted and these are stipulated in Indian Standard Codes is 5613-1976 Part I to IV	Vertical clearance 15.06 m															
	<table><tr><th>Voltage</th><th>Vertical Clearance</th></tr><tr><td>ordinary wires and lines carrying low voltage up to and including 110 Volts</td><td>5500</td></tr><tr><td>For electric power lines carrying voltage up to and including 650 Volts</td><td>6000 mm</td></tr><tr><td>For electric power lines carrying voltage exceeding 650 Volts</td><td>6500 mm</td></tr><tr><td>220 KV</td><td>7015 mm</td></tr><tr><td>400KV</td><td>8840 mm</td></tr><tr><td>765 KV</td><td>15 M</td></tr></table>	Voltage	Vertical Clearance	ordinary wires and lines carrying low voltage up to and including 110 Volts	5500	For electric power lines carrying voltage up to and including 650 Volts	6000 mm	For electric power lines carrying voltage exceeding 650 Volts	6500 mm	220 KV	7015 mm	400KV	8840 mm	765 KV	15 M		
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	Note: These are minimum requirement. Where ever local Authority requirement is higher, the same shall be provided. In case of HT line, Road crossing, the ground clearance at the roads under maximum 11 temperature and in still air shall be such that even with conductor bundle broken i adjacent span the ground clearance of the conductor from the road surface shall no e less than 8.84 meters.																
	What is the voltage of proposed line and clearance under maximum sag condition between lowest conductor of the proposed line																
2	Affidavit/under taking to be obtained from (to be furnished by) the Applicant	Yes	<div>Project Director</div> <div>National Highways Authority of India</div> <div>Project Implementation Unit, Indore</div>														



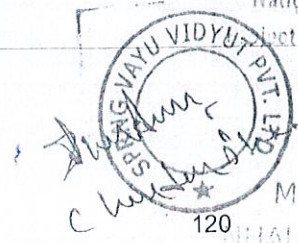
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2.1	Not to damage to other utility, if damaged then to pay the losses either to NHAI or to concern agency	Yes	
2.2	Undertaking the renewal of Bank Guarantee if required.	Not applicable	
2.3	Confirming all standard conditions as laid down in Ministry Circular 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 and NHAI's		
2.4	Shifting of Over Head Electrical Line at their own cost as and when required NHAI	Done by SPRNG Vayu Vidyut Pr.LTD at own cost	
2.5	Shifting by 2.5 Shifting of Over Head Electrical Line at their own cost if required due to 4 lanning / widening of NH	Done by SPRNG Vayu Vidyut Pr.LTD at own cost	
2.6	Indemnity against all damages and claims what so ever kind that may be to NHAI or to any third party in the ROW during installation, operation and maintenance. -	Done by SPRNG Vayu Vidyut Pr.LTD at own cost	
2.7	Traffic movement during laying of Over Head Electrical Line to be managed by the applicant	Done by SPRNG Vayu Vidyut Pr.LTD at own cost	
2.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Done by SPRNG Vayu Vidyut Pr.LTD at own cost	
2.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the- Over Head Electrical Line located in the National highway Right of Way.	Yes	
2.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Over Head Electrical Line will be borne by the agency owning the line	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 agency owning 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 Over Head Electrical Line will not have any deleterious effects n any of the bridge	Yes	

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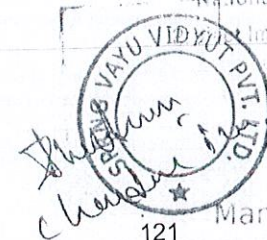


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	components and roadway safety for traffic. (ii) for 4 — Tanning "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six-fanning or any other development."		
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 or Compliance with Indian Electricity Rules and Other Authorities regulations — All overhead lines shall comply with the requirements of the Indian Electricity Act and Rules made there under and the regulations or specifications as laid down by railways or railway electrification authorities, post and telegraphs department, roadways or navigation or navigation authorities, local governing bodies, defense authorities and power and telecommunications coordination committee wherever applicable	Yes	
	a) The documents and drawings to be furnished by the Applicant	Yes	
	b) ... for laying of Over Head Electrical line	Yes	
	c)		
3.3	Performance 3.3 per period completion clearing shall - Bank Guarantee in favor of NHAI has to be obtained @ Rs. 100/- running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a of one year initially (extendable if required till satisfactory of work) as a security for ensuring/making good the area, debris/loose earth etc produced in the right of way. No payment be payable by the NHAI to the licensee for clearing debris/loose earth	Not applicable	
3.4	Strip plan/ Route Plan showing Over Head Electrical Line, Chain age, width of ROW, distance of proposed structure (Tower, Pole and for HT line only Tension Towers) from the edge of ROW, important mile stone, intersections, cross drainage works any other structure existing or proposed	Drawing at road crossing line is enclosed	



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	etc.		
4	Certificate from the Project Director		
4.1	Certificate from the Project Director • 4.1 Certificate for confirming that the proposal has been examined with respect to the structures and developmental work considered at this location and compliance of all standard condition issued vide Ministry Circular NO. 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 and NHAI's guideline	Yes	
4.2	Certificate from PD in the following format  (i) "It is certified that any other location' of the Electric line would be extremely difficult and unreasonable costly and the installation of Electric 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 certi.5, that there will be no hindrance to proposed six-laning based on 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 site for accommodating proposed six laning".	(i) Yes (a) Yes (b) Sufficiency ROW is available for proposed 6 lanning	
5	If NH section proposed to 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 Over Head Electrical line has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of	Indore- Ahmedabad NH-47	



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	(Indore-Ahmedabad from Km 304 to Km 305 NH No.- 47 on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."		
6	Who will supervise the work of laying of Over Head Electrical Line	Director, SPRNG Vayu Vidyut Pr.LTD	
7	Who will sign the agreement on behalf of Over Head Electrical Line agency	Director, SPRNG Vayu Vidyut Pr.LTD	
8	Who will ensure that the defects in road portion after laying of Over Head Electrical line are corrected and if not corrected then what action will be taken	Director, SPRNG Vayu Vidyut Pr.LTD	
9	Who will pay the claims for damages done/ disruption in working of Concessionaire if asked by the Concessionaire	Director, SPRNG Vayu Vidyut Pr.LTD	
10	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed )	NHAI PIU Indore	
11	If any previous approval is accorded for laying of Over Head Electrical Line then Photocopy of register of records of permission accorded as maintained by PD may be enclosed.	Not applicable	



Project Director  
National Highways Authority of India  
Project Implementation Unit- Indore (M.P.)

Manager (Tech)  
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