



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India
(Ministry of Road Transport & Highways)
क्षेत्रीय कार्यालय, चेन्नई / Regional Office, Chennai
'श्री टावर' 3rd मंजिल, DP-34 (SP), इंडस्ट्रीयल एस्टेट, गिण्डिव, चेन्नई - 600 032
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NHAI/11019/16/2009/RO Chennai /1828

17th June, 2020

Invitation of Public Comments

Sub: NHAI, RO Chennai - PIU, Coimbatore - Rehabilitation and Up-gradation of NH-209 from km 123.550 to Km. 150.400 of Dindigul - Bangalore Road (Pollachi to Coimbatore Section) to four lane with paved shoulder in the State of Tamilnadu under NHDP-IV on EPC Basis - M/s. Power Grid Corporation of India Ltd., - Request permission for crossing of 320Kv HVDC Transmission line (Pugalur -North Trichur Transmission line associated with HVDC Bi-pole link between Western Region (Raigarh, Chattisgarh) and Southern Region (Pugalur, Tamil Nadu) - North Trichur (Kerala) Scheme #3: Pugalur -Trichur 2000MW VSC based HVDC system) from Km133/700 to Km133/800-Regarding.

The proposal is regarding permission sought by M/s. Power Grid Corporation of India Limited, Palladam for crossing of 320Kv HVDC - Pugalur North Thiruchur Transmission line from Km133/700 to Km133/800 in the Project Highway Pollachi to Coimbatore section of NH-209 is submitted to this office by the PD, NHAI, Coimbatore vide letter No. NHAI/PD/Transmission Line/NH-209/2020/420 Dated 24.03.2020

2. The alignment proposed by M/s. Power Grid Corporation of India Limited between Km133/700 to Km133/800 in the Project Highway of Pollachi to Coimbatore Section of NH-209 in the State of Tamil Nadu as detailed under:

Sl. No	Stretch	Available ROW (in Meter)		Proposal
		LHS	RHS	
1	Km 133/700 to Km 133/800 with an Angle of Crossing 85°	22	22	The 230 KV DC Quad Transmission line is proposed to be erected outside ROW, at a distance of 80.40 meters on RHS and at a distance of 93.56 meters from on LHS from the NH Boundary The vertical clearance between road top level and the lowest tower cable is 25.77m and span between two towers is 174m .

3. The **minimum vertical clearance** is needed as per Rule 77, Indian Electricity Rules, 1956 / Manual on Transmission lines published by Central Board of Irrigation & Power Para 4.4.1 - Ground Clearance (table-4) for DC Voltage / Power Grid Corporation of India Ltd Sl. No.VII, General Notes on Tower Spotting data for 400 KV line is **18.8m**. Further, the **maximum span** between two tower lines as per Power Grid Corporation of India Ltd Sl.

National Highways Authority of India

No.VII, General Notes on Tower Spotting data for 400 KV line is **250m**. As such the proposal is also in conformity in respect of vertical clearance criteria and span criteria.

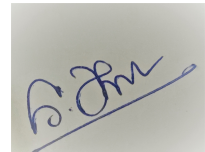
4. M/s. Power Grid Corporation of India Limited, Palladam has furnished necessary undertaking that that they will take all the responsibility that during the laying of overhead cables any damage to the road or any other structure of the road will be made good by them at their own cost". Further, M/s. Power Grid Corporation of India Limited, Palladam has furnished the undertaking or not to damage caused to the power supply lines or by any activity of their side on the permitted highway. The parties are agreed that they are laying the power supply lines on the permitted highway at their own cost.

5. As per the guidelines issued by the Ministry vide letter No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the proposal submitted by M/s. Power Grid Corporation of India Limited, Palladam will be made available for 30 days seeking public comments/objections and the comments shall be furnished within 30 days from the day of closure of public objections.

In view of the above, comments of the public on the above proposal are invited and may be sent to the below mentioned address:

The Regional Officer
National Highways Authority of India
(Ministry of Road, Transport & Highways)
SRI Tower, 3rd Floor
DP - 34 (SP), Industrial Estate,
Guindy - Chennai-600 032

Yours faithfully,



(G.Athipathi)
Manager (Tech)

For Regional Officer, NHAI, Chennai

Copy to:

1. NHAI website
2. The NIC, New Delhi - for uploading in the Ministry's website.
3. PD, NHAI, Coimbatore - for information