



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**
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NHAI/11019/16/2009/RO Chennai 1801

9th June, 2020

Invitation of Public Comments

Sub: NHAI, RO Chennai - PIU, Karur - 4 Laning of Namakkal to Karur Section from Km 248/625 to Km 292/600 of NH-44 (NH-7) in the State of Tamil Nadu on BOT (Toll) basis under NHDP phase-II - Permission requested to erect the 400 KV DC Quad Pugalur HVDC)Tirupur District - Tiruvalam (Vellore District) Transmission Line - Crossing between Km 287/000 to Km 288/000 of NH-44 (Old NH-7) near Manmangalam Village - Regarding.

The proposal is regarding permission sought by M/s. Power Grid Corporation of India Limited, K Paramathy, Karur for Crossing of 1 no. of 400KV(DC) line from QUAD Pugalur HVDC (Triupur District) to Tiruvalam (Vellore District) Transmission Line across NH-44 in between from Km 287/000 to Km 288/000 at Km 287/110 is submitted to this office by the PD, NHAI, Karur vide letter No. NHAI/PIU-Karur/NH-7/Power Grid/2020/299 dated 20.03.20202.

2. The alignment proposed by M/s. Power Grid Corporation of India Limited between Km 287/000 to Km 288/000 at Km 287/110 in the Project Highway of Namakkal to Karur Section of NH-44 (Old NH-7) in the State of Tamil Nadu as detailed under:

Sl. No	Stretch	Available ROW (in Meter)		Proposal
		LHS	RHS	
1	Km 287/000 to km 288/000 with an Angle of Crossing 85°46'00"	23	23	The 400 KV DC Quad Transmission line is proposed to be erected outside ROW, at a distance of 73.4 meters on RHS and at a distance of 86.30 meters from on LHS from the NH Boundary The vertical clearance between road top level and the lowest tower cable is 20.34m and span between two towers is 203m.

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. 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.

(Signature)

National Highways Authority of India

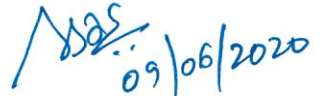
4. M/s. Power Grid Corporation of India Limited, K Paramathy, Karur has furnished necessary undertaking that they will shift the EHT Line due to 6-laning/widening of NH at a later date at their own cost. The applicant shall indemnify the concerned agency in coordination with NHAI against all damages and claims if any due to the digging of trenches for laying of cables / ducts. Further, M/s. Power Grid Corporation of India Limited, K Paramathy, Karur has furnished the undertaking that the replantation of trees will be done in 1:10 ratio for these cut trees, for which places shall be identified by NHAI Authorities.

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, K Paramathy, Karur 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,



(A.Savithri Devi)

Deputy General 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, Karur - for information