



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Government of India)

परियोजना क्रियान्वयन इकाई - बागपत, Project Implementation Unit, Baghpat

फ्रेंड्स कॉलोनी, निकट पी.डब्ल्यू.डी. गेस्ट हाउस, बरौत रोड, जिला-बागपत - 250609

Friends Colony, Near PWD Guest House, Baraut Road, District Baghpat-250609

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NHAI/PIU-BPT/1041/DDEC Pkg-III(Ch. 66+100)/2023/D- 12075

Date: 04.11.2023

Invitation of Public Comments

Sub: Proposal for Overhead Crossing of 220 KV D/C Modipuram-II (220) -Shamli (400) Transmission line crossing Delhi Dehradun Economic Corridor between Ch. 66+100 towards Ch. 66+110 near village Khanpur, district - Shamli - Reg.

The Executive Engineer, Electricity Transmission Division, UPPTCL, Meerut has submitted the proposal for the permission of Overhead Crossing of 220 KV D/C Modipuram-II (220) -Shamli (400) Transmission line crossing Delhi Dehradun Economic Corridor between Ch. 66+100 towards Ch. 66+110 near village Khanpur, district - Shamli in the state of Uttar Pradesh.

2. From the submitted proposal, it is seen that Structures (Transmission Towers) on either side are being erected at distance of 50.74m & 54.47m respectively from either side of NH boundary. Crossing span of structure is 178m. Further, the minimum vertical clearance of 17.50m between the lowest conductor of the proposed line and NH carriageway shall be maintained. However, the proposed transmission line shall be crossing the National Highway at 80° 00' 00'' angle.

3. 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).

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 days from the date of publication beyond which no comments shall be entertained.

**The Project Director,
National Highways Authority of India
Project Implementation Unit - Baghpat
Friends Colony, Near PWD Guest house,
Baraut Road, District Baghpat - 250609**

Encl: As above.

Project Director
NHAI, PIU Baghpat

Copy to:

1. The Regional Officer, RO Delhi for kind information.
2. Web Admin, NHAI HQ - with request to uploading on NHAI website.
3. The Technical Director, NIC, Transport Bhawan, New Delhi - with request for uploading on Ministry's website.
4. The Executive Engineer, Electricity Transmission Division, UPPTCL, Meerut for information.

CHECK-LIST

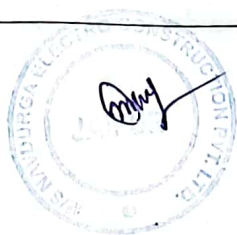
**FOR NH DELHI TO DEHRADOON GREENFIELD ECONOMICAL CORRIDOR
EXPRESSWAY**

Road Crossing by 220 KV DC MODIPURAM-II 220KV SHAMLI LINE (400 KV)

S.NO.	DESCRIPTION	DETAILS
1.	National Highway Number	NIL
2.	Name of Crossing	DELHI TO DEHRADOON GREENFIELD ECONOMICAL CORRIDOR EXPRESSWAY
3.	SYSTEM OF SUPPLY (i.e VOLTAGE) FREQUENCY NO.OF PHASES,WHETHER NEUTRAL IS EARTHED OR NOT	Rated system Voltage – 220 KV. Frequency – 50 Hz 3- Phase. Neutral effectively earthed.
4.	POSITION OF TOWERS	BETWEEN LOC. NO.84A/0 (DC+5) & 84B/0 (DC+5)
5.	NORMAL SPAN OF CONDUCTOR	380 M.
6.	MAX.SAG AT NORMAL SPAN	11.75 M
7.	CROSSING SPAN	178 M.
8.	PRECEEDING SPAN	207 M.
9.	SUCCEEDING SPAN	255 M.
10.	Height of structure above ground and below ground separately and details of foundation	A) Location No. 84A/0 (DC+5) height above GL 42.275 M depth below GL 3.00M. B) Location No. 84B/0 (DC+5) height above GL 42.275 M depth below GL 3.00M
11.	MILE STONE NO	NA
12.	CLEARANCE OVER ROAD	17.50 M.
13.	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level	24.215 M.

Project Director
National Highway Authority of India
P.U.-Baghpal

14.	Height of road level above ground level measured at the foot of the structure.	Location No. 84A/0 DC+5 = 4.083M. Location No. 84B/0 DC+5= 4.228 M
15.	Angle of road crossing	80 ⁰
16.	Distance of NH Boundary From center of tower	Loc. No. 84A/0(DC+5) = 50.74M Loc. No. 84B/0(DC+5) = 54.47M
17.	Perpendicular distance from center of tower to center of road	Loc. No. 11(DC+5) = 88.0 M. Loc. No. 12 (DC+5) = 90.0 M
18.	Protection of assembly to the line	Anti Climbing devices provided
19.	No. of stay required	NO.
20.	Minimum Factor of Safety	2.
21.	Size of power conductor mm.	ACSR ZEBRA (Conductor dia.28.62MM
22.	OPGW	24 FIBRES
23.	FOUNDATION TYPE	FS /(AS PER REQUIRED)
24.	PLAN PAPER DIAGRAM	PROFILE(ENCLOSED)
25.	EARTHING	PIPE TYPE EARTHED



SPD

AA
Executive Engineer
Electricity Transmission Division
U.P. Power Transmission Corporation Ltd.
MBERUT.

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[Signature]
Project Director
National Highway Authority of India
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