No. CE-RO/LKO/US/NH-334DD/Km.29.152/2025 /2216
Government of India
Ministry of Road Transport &Highways
(Chief Engineer - Regional Office, Lucknow)
N.H. Bhawan, Biotech Chowk, Lucknow Ring Road,Vikas Nagar, Lucknow - 226 022
Ph.: (0522) - 2967112, 2738226 (Tele-Fax)

Dated: 18.02.2025

Invitation of public comments

Sub.: Providing NOC for crossing proposal of 400KV D/C (twin) Jalpura-Khurja Power Transmission Line Crossing Over at Ch. 29.152 of the NH-334DD vested with the National Highway Division Ghaziabad in the state of Uttar Pradesh - Reg.

TP Jalpura Khurja Power Transmission Limited has submitted the proposal for crossing of 400KV D/C (twin) Jalpura-Khurja Power Transmission Line Crossing Over at Ch. 29.152 of the NH-334DD vested with the National Highway Division Ghaziabad in the state of Uttar Pradesh to Executive Engineer, NH Division, PWD, Ghaziabad for consideration.

2. The above proposal has been examined in this office in light of Ministry guidelines issued vide OM no.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016 & NH-36094/01/2022-S&R (P&B) dated 24.04.2023. 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 (checklist enclosed) is invited to the below mentioned address:

The Chief Engineer - Regional Officer,
Ministry of Road Transport & Highways,
N.H. Bhawan, Biotech Chowk, Lucknow Ring Road,
Vikas Nagar, Lucknow - 226 022.

Yours faithfully,

Encl.: As above.

(Ritesh Yadav)
Assistant Executive Engineer
for Chief Engineer - Regional Officer

Copy to:

(i) NIC, New Delhi - for uploading on the Ministry's website.
(ii) The Chief Engineer (NH), Public Works Department, Nirman Bhavan, 96, M. G. Marg, Lucknow - 226 001.

(Ritesh Yadav)
Assistant Executive Engineer
for Chief Engineer - Regional Officer

CHECK LIST

Project Director for processing the Proposal of lane over head electrical line crossing national highways vested with NH PWD

Circular/Codes:-
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

For getting approval for laying of overhead electrical line along the National Highways NH-334DD, vested with NH PWD

S.No	Item	Information/Status
1	General Information	400 kV JALPURA(Gr NOIDA) - THDC TPS KHURJA D/C TRANSMISSION LINE
1.1	Name of the Applicant	Head- Project, TP Jalpura Khurja Power Transmission Limited (TP JKPTL), Shatabdi Bhawan, B- 12 & 13, Sector 4, Noida, UP-201301
1.2	National Highway No.	334DD
1.3	State	Uttar Pradesh
1.4	Location	Near Village KAKOD Dist - Buland shahar
1.5	Type of electric including carrying voltage details and purpose	400 kV Twin D/C Khurja(THDC) - Jalpura (Gr. Noida) T/L
1.6	Chainage in Kilometers	Milestone No. 29 & Milestone No. 30
1.7	Length in Metre	247 MTR
1.8	Width of Available ROW	46 MTR
a	Left side from centre line towards increasing chainage/KM Direction	23 MTR
b	Right side from the centre line towards increasing chainage/KM Direction	23 MTR
1.9	Proposal to lay Overhead	
a	Left side from Center Line towards increasing chainage /KM Direction	AP-48/0 at a distance of 56.92 MTR from centre of Road
b	Right side from Center Line towards increasing chainage / KM Direction	AP-49/0 at 190.03 MTR from centre of Road
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 the proposal is	
a	in the same side where land is not to be acquired	Not Applicable
b	crossing the National Highway	Crossing the National Highway. Towers shall be constructed outside NH land Boundary
	If not then where to lay the overhead electrical line	
1.12	Details of Already laid services (overhead telecommunication line, overhead electric line etc), if any, along the proposed route / proposed crossing	Not Applicable
1.13	No of lanes (2/4/6/8 lanes) existing	2 Lane
1.14	Proposed number of lanes (2 lanes with paved shoulder 4/6/8 lanes)	Not Applicable
1.15	Service Road existing or not	Not existing
	If yes then which side	Not Applicable
a	Left side from centre line	Not Applicable

Bimal Bera

TP Jalpura Khurja Power Transmission Limited

S.No	Item	Information/Status
b	Right side from centre line	Not Applicable
1.16	Proposed Service Road	Not Applicable
a	Left side from centre line	Not Applicable
b	Right side from centre line	Not Applicable
1.17	Whether proposal to lay overhead electric line is after the service road or between the service road and main carriage way, or crossing for approval / rejection based on the Ministry circulars and relevant codes mentioned as above.	Not Applicable
1.19	If crossings of the roads involved (a) Crossing angle for NH and provide length along the Highway (b) Structure (Tower, pole and for HT Line only tension towers) for crossings shall not be too near the existing structures on the National Highway, The minimum distance being 15 meter. (i)-Type of Existing / proposed structure for National Highways (ii)-What is the distance of tower, pole and tension tower lying from the existing / proposed structure for National Highways. '(c) The overhead lines and their supporting poles / towers should ordinarily be placed at the extreme age of the road land boundary. In any case, these shall be at least 10 meter away for the age 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. What is the horizontal clearance from the extreme edge of the road land boundary?	Yes (a) 74°28'15", 247MTR (b) Distance > 50MTR at both end from center of road. (i) Height of Tower AP-48/0 (DC+3) - 51.52 MTR (ii) Height of Tower AP-49/0(DD+12) - 62.52 MTR (iii) 56.92 MTR & 190.03 MTR from centre of the NH Towers shall be constructed at a distance of 56.92 MTR. (RS) & 190.03 MTR (LS) chainage direction from boundary of Road towards increasing Chainage direction.
	(d) The overhead lines and their supporting poles/towers should originally be placed at the minimum distance of 5.0m from the nearest line of avenue trees. What is the horizontal clearance from the nearest line of avenue trees?	(d)Towers shall be constructed at a distance of 56.92 MTR. (RS) & 190.03 MTR (LS) towards increasing chainage direction from boundary of Road
	(e) In mountainous/hilly terrain the over head lines should be erected preferably on the valley side as far away as practicable. In hilly reason, label of ground at a suitable distance below the outer conductor on either side from the central 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?	Not Applicable
	The horizontal clearances in respect of poles erected for the purpose of street lighting in urban situations shall be as under:-	Not Applicable
	i-For roads with Minimum 300mm from the aged of nearest kerb preferably 600mm.	Not Applicable
	ii- For roads with at least 1.5m from the edge of the carriage way, raised kerbs subject to minimum of 5.0 from the central line of the carriage way.	Not Applicable

Bimal Bera

Jaipura Khu... Power Transmission Limited

S.No	Item	Information/Status
	(g) the Pylons of HT lines along crossing the road shall be located outside the NH land.	Not Applicable
	(h) for crossing the line of same voltage or lower voltage, suspension/tension tower with suitable extensions shall be used.	YES Tension Towers with suitable extension shall be used
	(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 line for voltage above 650 voltes varies depending upon the voltage transmitted and these are stipulated in Indian standard. Codes is 56130-1976 part 1 to IV and Indian Electricity Rules 1956 as under.	23.16 M clearance shall be taken jointly with NH PWD after completion
2	Affidavit/under taking to be obtained from (to be furnished by the applicant).	YES
2.1	Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	YES
2.2	Under Taking of Renewal of Bank Guarantee if required.	YES
2.3	Confirming all standard conditions 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 of NHAI.	YES
2.4	Shifting of overhead Electrical line at their own cost as an when required by(NH PWD).	Done by TP JKPTL Electrical Department by own cost
2.5	Shifting of overhead Electrical line at their own cost as an when required due to 4/ 6 lanning/ widening of NH PWD.	Done by TP JKPTL Electrical Department by own cost
2.6	Indemnity against all damage and claims whatsoever kind that may be to NH PWD or to any third party in the row during installation, operation and maintenance	Done by TP JKPTL Electrical Department by own cost
2.7	Traffic movement during laying of OFC/Cable to be managed by the applicant.	Done by TP JKPTL Electrical Department by own cost
2.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Done by TP JKPTL Electrical Department by own cost
2.9	Prior approval of the NH PWD shall be obtained before undertaking any work of installation, shifting or repairs , or alterations to the overhead electrical line located in the National Highway right of way.	Yes
2.10	Expenditure, if any , incurred by electric department for repairing any damage caused to the National Highway by the laying , maintenance or shifting of the overhead electrical line located in the National Highway right of the way	Yes

Bimal Bea

TP Jalpura Khurja Power Limited

S.No	Item	Information/Status
2.11	If the NH PWD 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 NH PWD at the cost of the electric department owing 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 overhead electrical will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) For 4/6 laning "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 NH PWD " for future 6 laning or any other development .	Yes
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 the compliance with Indian electricity rules and other authorities, regulations- all over head lines shall comply with the requirement of the Indian electricity act and rules made their under and the regulations or specification as laid down by NH PWD	Yes
3	Other documents and drawing to be furnished by the applicant	Yes
3.1	Methodology for laying of overhead electric line.	Yes
3.2	Draft license agreement	Yes
3.3	Performance bank guarantee in favour of NH PWD has to be obtain at the Rs 100/- per running meter (Parallel to NH) 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 a security for insuring/ making good the area, Clearing debris / loose earth etc produced in the right of way. No payment shall be payable by the NH PWD to the license for clearing debris/ loose earth.	Not Applicable
3.4	Strip plan/ route plan showing overhead electrical line, chainage with of ROW, distance of proposed, structure(tower, pole and for HT Line only tension towers) from the edge of ROW, important milestone, intersections, cross drainage works any other structure existing of proposed etc.	Yes
4	Certificate from the Project Director	Not Applicable

Bimal Bera

TP Jalpura Khurja Power Transmission Limited

S.No	Item	Information/Status
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 o(ttie standard conditions Issued vide 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 of (NHAI) and NH PWD'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 carriage way easing of kerb , etc." (ii) for 6- laning (a) Where feasibility is available " I do certify that there will no hindrance to propose 6 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 of six - laning"	Not Applicable
5	If NH section proposed to be taken up by NH PWD 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 overhead electrical line has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of Bulandshahr - Jewar section from Milstone No. 29 LT side & Milestone No. 30 RT side , on build operate and transfer basis) and therefore the licensee shall honour the same."	Not applicable
6	Who will supervise the work of laying of overhead electrical line.	TP JKPTL will supervise the work of laying of overhead electrical line
7	Who will the sign the agreement on behalf of overhead electrical line agency	Head- Project, TP Jalpura Khurja Power Transmission Ltd (TP JKPTL), Shatabdi Bhawan, B- 12 & 13, Sector 4, Noida, UP-201301
8	Who will ensure that the defect in road portion after laying of over head electrical are corrected and if not corrected that what action will be taken	Head- Project, TP Jalpura Khurja Power Transmission Ltd (TP JKPTL), Shatabdi Bhawan, B- 12 & 13, Sector 4, Noida, UP-201301
9	Who will pay the claims for damages done/disruption in working of concessionaire, if asked by the concessionaire.	Head- Project, TP Jalpura Khurja Power Transmission Ltd (TP JKPTL), Shatabdi Bhawan, B- 12 & 13, Sector 4, Noida, UP-201301
10	A certificate from PD that he will enter the proposed permission in register of record of the permission in the prescribed performa (copy enclosed)	Not Applicable
11	If any previous approval for laying of overhead electrical line than photocopy of register of records of permission accorded as maintained by PD may be enclosed.	Not Applicable

Bimal Bera

TP Jalpura Khurja Power Transmission Limited