

Dated: 05.09.2019

Invitation of public comments

Sub.: Proposal for NOC for erection of overhead 132 KV, DC 3 Phase NCR Transmission line for overhead crossing on NH-34 at Km. 5.700 at near village - Mawai Mukta, District - Kanpur Dehat in the State of Uttar Pradesh - Reg.

1. The Chief General Manager, Dedicated Freight Corridor Corporation of Indian Ltd., Kanpur has submitted the proposal for erection of overhead 132 KV, DC 3 Phase NCR Transmission line for overhead crossing on NH-34 at Km. 5.700 at near village - Mawai Mukta, District - Kanpur Dehat to the Project Director, NHAI, PIU, Kanpur.
2. From the submitted proposal, it is seen that the height of both the pylons on which the proposed overhead line is hanging is 41.225m. The pylons on either side are erected at distance of 111.40m & 68.60m from the center line of National Highway. Further, it noted that the minimum clearance between the lowest conductor of the proposed line and NH carriageway is 17.20m. However, the proposed transmission line shall be crossing the National Highway at 82 degree.
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 public on the above application 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.

Encl.: As above

Yours faithfully,


(Lalit Pratap Pal)
Assistant Executive Engineer
For Chief Engineer - Regional Officer

Copy to:

- (i) NIC, New Delhi - for uploading on the Ministry's website.
- (ii) The Regional Officer, UP-West, National Highways Authority of India, 3/248, Vishal Khand, Gomti Nagar, Lucknow - 226 010.


(Lalit Pratap Pal)
Assistant Executive Engineer
For Chief Engineer - Regional Officer

Annexure-V

CHECK LIST

Project Director for processing the Proposal of lane overhead electrical line crossing national highway vested with NHA1.

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 layering of overhead electrical line along the National Highway NH - 34 vested with NHA1

S. No.	Item	Information / Status	Remarks
1	General Information	132KV, D/C, PNK-SSL	
1.1	Name & address of the applicant	DFCCIL	
1.2	National Highway no.	NH-34	
1.3	State	Uttar Pradesh	
1.4	Location	Bingawan, Kanpur Nagar	
1.5	Type of electric including carrying voltage detail and purpose	132KV, D/C for TRD of NCR	
1.6	Chain-age in Kilometers	5+700	
1.7	Length in Mtrs.	Span	
1.8	Width available ROW	27.00 Mtrs.	
	a) Left side from center line towards increasing chain-age / KM direction	13.50 Mtrs.	
	b) Right side from center line towards increasing chainage /KM direction	13.50 Mtrs.	
1.9	Proposal of lay overhead		
	a) Left side from center line towards increasing chainage / KM Direction	As above	
	b) Left side from center line towards increasing chainage / KM Direction	As above	
	c) Erection of Electrical line along the NH-34	Not Applicable	
1.10	Proposal of acquire land	Not Applicable	
	a) left side from center line	Not Applicable	
	b) Right side from center line	Not Applicable	
1.11	Whether the proposal is a- In the same side where land is not the acquired b- crossing the national highway if not then where to lay the overhead electrical line.	Yes Yes	
1.12	Detail 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	02 lanes	
1.14	Proposed number of lanes (2 lanes with paved shoulder 4/6/8 lanes)	04 lanes	
1.15	Service road existing or not If yes then which side	Not existing	
	a) left side to center line	Not Applicable	
	b) Right side from center line	Not Applicable	
1.16	Proposed service road	Not Applicable	
	a) left side to center line	Not Applicable	
	b) Right side from center line	Not Applicable	



APM/ELECT/ENR

भार.रा.प्रा., प.का.इ., कानपुर

शुक्रवती लाल चौधरी
महानगरपालिका-सह-परियोजना निदेशक
भार.रा.प्रा., प.का.इ., कानपुर

1.17	Whether proposal to lay overhead electric line is after the service road or between the service road and main carriageway or crossing for approval/rejection based on the ministry circulars and relevant codes mentioned as above.	Not Applicable	
1.18	Ministry circulars and relevant codes mentioned above.		
1.19	1- of crossing of the road involved a) Crossing angle for NH and provide length along the highway b) Structure (Tower, pole and for HT line only tension tower) for crossing shall not be too near the existing structure on the national highway. The minimum distance being 15 meters. i) Type of existing / proposed structure of national highway ii) What is the distance of tower pole and tension tower lying from the existing / proposed structure for National highway	Yes a) 82°0'00", and 180 meters b) i) Nil ii) Distance is 85 M and 51M	
	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 mtrs. away from the age of existing shoulder of extreme traffic lane. Where the existing road way is narrower than the minimum according or standard 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 Horizontal clearance is 85 M(Tower no 51) and 51 M(Tower no 51X)	
	d) overhead lines and their supporting poles/ towers should originally be placed at the minimum distance of 5.0 m from the nearest line of avenue trees What is the horizontal clearance from the nearest line of avenue tree?	Not Applicable	
	e) In mountain / hilly terrain the overhead line should be erected preferably only the valley side as far away as practicable.in hilly reason label of ground at the 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 ensured required ground clearance underneath conductor and side clearance in swung conditions. Is the proposal in hilly area?	Plain terrain	
	f) The horizontal clearance in respect of poles erected from the purpose of street lightning in urban situation shall be as under.	Not Applicable	
	i) For road with Raised kerbs Minimum 300 mm from the 300 from the aged of nearest Kerb preferably 600 mm	Not Applicable	
	ii)For road with Raised kerbs At least 1.5 m from the edge of the carriage way subject to minimum 5.0 from the central line of carriage way	Not Applicable	
	(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.	Not Applicable	
	(i) The vertical clearance of the overhead lines cussing the road shall be reckoned from the top of the crown of the road taking in to 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 volte 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	Actual ground clearance will be taken jointly by DFCCIL and NHAI 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 damage then to pay the losses either to NHAI or to the concerned agency	Yes	
2.2	Undertaking for renewal of bank guarantee if required	Not Applicable	
2.3	Confirming all standard condition 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	
	Shifting of overhead electrical line at their own cost as an when required by (NHAI)	Done by DFCCIL at own cost	



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भा.रा.रा.प्रा., प.का.इ., कानपुर

सुरभोला लाल चौधरी
महाप्रबन्धक (तक.) सह-परियोजना निदेशक
भा.रा.रा.प्रा., प.का.इ., कानपुर

2.5	Shifting of overhead electrical line at their own cost as an when required due to 4/6 laning / widening of NH	Done by DFCCIL at own cost	
2.6	Indemnity against all damage and claims whatsoever kind that may to be NHAI or to any third party in the row during installation operation and maintenance	Done by DFCCIL at own cost	
2.7	Traffic movement during laying of OFC/cable to be managed by the applicant	Done by DFCCIL 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 DFCCIL 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 overhead electrical line located in the National highway right of way	Yes	
2.10	Expenditure if any incurred by electric department of repairing any damaged 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	
2.11	If the NHAI consider 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 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 of 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 tile as will be stipulated by NHAI" for future 6 laning or any other development	Yes	
2.13	The transmissions line installation shall be carried out by trained and experienced personal 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 hazard of the high voltage lines during installation operations and maintenance.	Yes	
2.15	Undertake the compliance with Indian Electricity rules and other authorities regulations all overhead lines shall comply with the requirement of the Indian Electricity act and rules made their under and the regulation or specification as laid down by NHAI	Yes	
	Other documents and drawing to be furnished by the applicants	Yes	
3.1	Methodology for laying of overhead electric line	Yes	
3.2	Draft license agreement	Yes	
3.3	Performance bank guarantee in favor of NHAI has to be obtain at the Rs. 100/-per running meter parallel to NH and Rs. 100000/- per crossing of NH For a period of one year initially (extendable if required till satisfactory completion 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 NHAI 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 intersection cross drainage works any other structure existing of proposed etc.	Yes	
4	Certificate from 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 the standard conditions issued vide ministry circular no. NS-III/P/20/77 dated 08.04.1982 Indian electricity Act 1910 Indian Electricity rules 1956 IRC : 32-5613-1976 part I to IV of (NHAI) and NHAI's guideline.	Yes	



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प्रबन्धी
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(पुरुषोत्तम लाल चौधरी)
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4.2	Certificate from PD in the following format		
	<p>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".</p> <p>ii) For 6 laning</p> <p>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."</p> <p>b) In case feasibility report is not available "do certify that sufficient ROW is available at site for accommodation of six laning."</p>	Not Applicable	
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 license has been granted the right to lay overhead electrical line also been granted as a right of way to the concessionaire under the concession agreement for up gradation of.	Not Applicable	
6	Who will supervise the work of laying of overhead electrical line	DFCCIL	
7	Who will the sign the agreement on behalf of overhead electrical line agency	CGM Allahabad(W), DFCCIL	
8	Who will ensure that the defect in road portion after laying of overhead electrical are corrected and if not corrected that what action will be taken	DFCCIL	
9	Who will pay the claim for damages done/disruption in working of concessionaire if asked by the concessionaire.	DFCCIL	
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)	NHAI	
11	If any previous approval for laying of overhead electrical line then photocopy of register of records of permission accord as maintained by PD may be enclosed.	No	



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APM/Elect/CWB

[Signature] 17/7/19
General Manager (Electric)
 Dedicated Freight Corridor
 Corporation of India Ltd.
 (A.P.S.U. under Min. of Railways)
 ALLAHABAD

[Signature]
 प्रबन्धक (तक)
 भा.रा.रा.प्रा., प.का.इ.

[Signature]
 (पुरुषोत्तम लाल चौधरी)
 महाप्रबन्धक (तक) एवं परियोजना निदेशक
 भा.रा.रा.प्रा., प.का.इ., कानपुर