No. CE-RO/LKO/US/NH-730C/Km.49.000 - 49.100/2020/2460

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: 17.12.2020

Invitation of public comments

Sub.: Proposal for NOC for overhead crossing of 400 KV D/C (Twin) Rosa - Badaun transmission line on NH-730C between Km. 49.000 to Km. 49.100 near village - Mirjapur, District - Sadar Shahjahanpur in the State of Uttar Pradesh - Reg.

1. The General Manager-Project, M/s OBRA-C, Badaun Transmission Ltd., Bareilly has submitted the proposal for NOC for overhead crossing of 400 KV D/C (Twin) Rosa - Badaun transmission line on NH-730C between Km. 49.000 to Km. 49.100 near village - Mirjapur, District - Sadar Shahjahanpur in the State of Uttar Pradesh to the Executive Engineer, NH Division, PWD, Bareilly.

2. From the submitted drawing, it is seen that the height of both the pylons on which the proposed overhead line is hanging is 46.60m. The pylons on either side are erected at distance of 117.10 m & 117.64 m from the National Highway boundary. Further, it noted that the minimum clearance between the lowest conductor of the proposed line and NH carriageway is 15.89 m.

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.

Yours faithfully,

Encl.: As Above.

(Raj Kumar)
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), UP PWD, Lucknow - for information.

(Raj Kumar)
Assistant Executive Engineer
For Chief Engineer - Regional Officer

CHECK LIST

Project Director for processing the Proposal of overhead 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 layering of overhead electrical line along the National Highways NH-730C, vested with NH-PWD

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S.NO	Item	Information/ status	Remarks
1	General Information	400 KV D/C (Twin) Rosa – Badaun Transmission Line	
1.1	Name and address of the applicant	Obra-C Badaun Transmission Limited	
1.2	National Highway No.	730C (Bisalpur-Misanpur-Katra-Begar)	
1.3	State	Uttar Pradesh	
1.4	Location	Mirjapur, Sadar Shahjahanpur District	
1.5	Type of electric including carrying voltage details and purpose	400 KV D/C (TWIN)	
1.6	Chain -age in Kilometers	49+00 & 49+100	
1.7	Length in Meter	234.74	
1.8	Width of available ROW	46	
	(a). Left side from Center Line towards increasing chainage / KM Direction	23	
	(b) Right side from Center Line towards increasing chainage / KM Direction	23	
1.9	Proposal to lay Overhead		
(a)	Left side from Center Line towards increasing chainage / KM Direction	As above	
(b)	Right side from Center Line towards increasing chainage / KM Direction	As above	
(c)	Errection of Electrical line along the NH 730C	NA	
1.10	Proposal to acquire land	NA	
	(a)Left side from Center Line	23	
	(b)Right side from Center Line	23	
1.11	Whether the proposal is a- in the same side where land is not to the acquired b- Crossing the National Highway If not then where to lay the overhead electrical line	Yes From Katra- jalalabad	
1.12	Details of Already laid services (overhead telecommunication line, overhead electric line etc), if any , along the proposed route / proposed crossing	NA	
1.13	NO of lanes (2/4/6/8 lanes) existing	02 lane	
1.14	Proposed number of lanes (2 lanes with paved shoulder 4/6/8 lanes)	N/A	
1.15	Service Road existing or not	N/A	
	If yes then which side		
	a) Left side from center line		
	b) Right side from center line		
1.16	Proposed Service Road	N/A	

Executive Engineer
N. H. Construction Division
P. W. D. Bareilly

Obra-C Badaun Transmission Ltd. Bareilly

	a) Left side from center line		
	b) Right side from center line		
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.	N/A	
1.19	I- 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 I s the distance of tower, pole and tension tower lying from the existing / proposed structure for National Highways.	Yes (a) 76°49'27",234.74Meters (b) Tower no AP 21A & AP 21B placed at a distance of 117.10 m & 117.64 mtr Respectively	
	(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 way. What is the horizontal clearance from the extreme edge of the road land boundary?	N/A. N/A	
	(d)The 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 trees?	N/A	
	(e)- in mountainous / hilly terrain the overhead 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?	Plain terrain	
	The horizontal clearances in respect of poles erected for the purpose of street lighting in Urban situations shall be as under:-		
	i-For roads with Minimum 300mm from the Raised kerbs 300mm from the aged of nearest kerb Preferably 600mm	N/A	
	ii- For roads with At least 1.5m from the edge of the carriage way , raised kerbssubject to minimum of 5.0 from the central line of the carriage way .	N/A	
	(g) the Pylons of HT lines along crossing the road shall be located outside the NH land	N/A	
	(h) for crossing the line of same voltage or lower voltage , suspension/ tension tower with suitable extensions shall be used .	N/A	

Executive Engineer
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P. W. D. Bareilly

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	(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.	Ground Clearance shall be taken jointly with OCBTL and NH-PWD after completion	
2	**Affidavit / Undertaking 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 **NH-PWD** or to the concerned agency	Yes	
2.2	Under Taking for Renewal of Bank Guarantee if required.	N/A	
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 (NH-PWD)	. Yes	
2.4	Shifting of overhead Electrical line at their own cost as an when required by (NH-PWD)	Done by OCBTL electrical Department own cost	
2.5	Shifting of overhead Electrical line at their own cost as an when required due to 2/ 4 lanning/ widening of NH	Done by OCBTL electrical Department 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 OCBTL electrical Department own cost	
2.7	Traffic movement during laying of OFC/Cable to be managed by the applicant	Done by OCBTL electrical Department own cost	
2.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Done by OCBTL electrical Department 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.	

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Executive Engineer
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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 2/4 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 4 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- allover headlines 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	
	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 favor 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.	YES	
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**		
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- 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 (NH) and NH's guideline.	Yes	

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N. H. Construction Division
P. W. D. Bareilly

Transmission Ltd. Bareilly Obra-C Badaun

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 4- laning **(a)** Where feasibility is available " **I do certify that there will no hindrance to propose 4 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"**	YES	
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.	YES	
6	Who will supervise the work of laying of overhead electrical line?	OCBTL	
7	Who will the sign the agreement on behalf of overhead electrical line agency	General Manager,OCBTL	
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.	OCBTL	
9	Who will pay the claims for damages done / disruption in working of concessionaire, if asked by the concessionaire.	OCBTL	
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)	NH-PWD	
11	If any previous approval for laying of overhead electrical line then photocopy of register of records of permission accorded as maintained by PD may be enclosed.	NO	

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