



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

क्षेत्रीय कार्यालय-पश्चिम उ०प्र०, लखनऊ

Regional Office - West UP, Lucknow.

3/248, विशाल खण्ड, गोमती नगर, लखनऊ-226010 (उ.प्र.)

3/248, Vishal Khand, Gomti Nagar, Lucknow-226010 (UP)

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19001/1/RO-W-UP/NH-509/200-201/400KV/591

Dated: 02.02.2021

Invitation of Public Comments

Sub: Proposal for overhead crossing of Moradabad-Chandausi Road (NH-509) Crossing 200-201 km. for crossing by 400KV D/C Rampur-Sambhal Transmission Line under TBCB-reg.

The Chief Manager, TLC, Rampur has submitted the proposal for the permission for overhead crossing of Moradabad-Chandausi Road (NH-509) Crossing 200-201 km. for crossing by 400KV D/C Rampur-Sambhal Transmission Line under TBCB.

2. From the submitted proposal, it is seen that the structures (Transmission Towers) on either side are being erected at distance of 99m & 88m respectively from either side of NH boundary. Crossing span of the structure is 199m. Further, the minimum vertical clearance of 17.5m 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 89°00'00" 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 the public on the above application is invited to the below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

The General Manager cum Regional Officer,
National Highways Authority of India
Regional Office, UP-West, Lucknow
3/248, Vishal Khand, Gomti Nagar
Lucknow-226 010

This issues with the approval of RO-West (UP).

Encl: As above.


(Anuj Kumar Singh)
Manager (T)
For RO-UP (West)

Copy to:

1. Web Admin, NHAI-HQ- with request for uploading on the NHAI website.
2. The Technical Director, NIC, Transport Bhawan, New Delhi - with request for uploading on the Ministry's website.
3. The Chief Manager, TLC, Rampur for information.
4. The Project Director, NHAI, PIU-Moradabad for information.

"Building a nation, not just Roads."

मुख्यालय : प्लॉट सं० जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075, दूरभाष : 91-11-25074100 / 200

Head Office : Plot No. G-5 & 6, Sector - 10, Dwarka, New Delhi - 110 075 Phone : 91-11-25074100/200

CHECK LIST

Project Director for processing the proposal of lane overhead electrical line crossing national highways vested with NHAI.

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 93(509), vested with NHAI.

S.NO	Item	Information/Status	Remarks
1	General information	400KV D/C (TWIN) Rampur Sambhal Transmission Line	
1.1	Name and Address of the applicant	POWER GRID Rampur-Sambhal Transmission LTD;	
1.2	National Highway No	NH 93(509)	
1.3	State	Uttar Pradesh	
1.4	Location		
1.5	Type of Electric Including carrying Voltage details and purpose	400 KV D/C (TWIN) Rampur Sambhal Transmission Line	
1.6	Chain-age in K.M.	200.502 KM	
1.7	Length in Mtr	199 Mtr. ✓	
1.8	Width of available Row	46m	
	(a). left side from centre line towards increasing chainage /KM Direction	23 Mtr.	
	(b). right side from centre line towards increasing chainage /KM direction	23 Mtr.	
1.9	Proposal to lay overhead		
	(a) Left side from centre line towards increasing chainage /KM direction	AP27/0 at a distance of 105mtr. from centre of road.	
	(b) Right side from centre line towards increasing chainage /KM direction	AP28/0 at a distance of 94mtr. from centre of road.	
	(c) Erection of electrical line along the NH 93	NA	
1.10	Proposal to acquire land	N.A	
	(a) Left side from centre line		
	(b) Right side from centre line		

Tarak Bandhapadhyay
Executive (Surveyor)
Transrail Lighting Ltd.

RATUL SINGH
Project Engineer
M/s. Transrail Lighting Ltd.

रणवीर सिंह/Ranveer Singh
मुख्य प्रबन्धक (टी.एल.सी.) / Chief Manager (TLC)
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POWERGRID Rampur Sambhal Transmission Ltd.
Rampur U.P. Ph. 8005499

परियोजना निदेशक/ Project Director
राष्ट्रीय राजमार्ग प्राधिकरण
National Highway Authority of India
मुरादाबाद /Moradabad

1.11	Whether the proposal is a- In the same side where land is not to be acquired b- Crossing the national highway If not then where to lay the overhead electrical line	Yes. Crossing the national highway tower shall be constructed outside NHA land boundary	
1.12	Details of already laid services (overhead telecommunication line, overhead electric line etc), if any, along the proposed route / proposed crossing	N/A	
1.13	No of lanes	02 lane	
1.14	Proposed no of lanes	NA	
1.15	Service road existing or not	No service road	
	If yes then which side		
	(a) Left side from centre line	N/A	
	(b) Right side from centre line	N/A	
1.16	Proposed service road	N/A	
	(a) Left side from centre line		
	(b) Right side from Centre line		
1.17	Whether proposal to lay overhead electric line is after the service road or between the service road at main carrying way, or crossing for approval / rejection based on the ministry circulars and relevant force mentioned as above	Overhead Electric transmission crossing the NH 93 (509).	
1.19	I- if crossing of the roads involve (a). crossing angle for NH and provide length along the highway (b). structure (tower, pole and for HT line only tension towers) 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 for national highways (ii). What is the distance of tower, pole and tension tower laying from the existing / proposed structure for national highways?	Yes a) 89°00'00", 199mtr b) Distance more than 105Mtr. & 94Mtr. from centre of the road. c) Height of tower 44.90Mtr & 44.90Mtr. d) Distance more than 105Mtr. & 94Mtr. from centre of the NH.	
	(c). The overhead lines and their supporting poles / tower should ordinarily be placed at the extreme age of the road length boundary. in any case, this shall be at least 10 meters away for the age existing shoulders of extreme traffic lane. where the existing roadway is narrower than the minimum according to standard or where the widening is proposed for any reason the	N/A. Towers shall be constructed at a distance of 105mtr. (LS) and 94mtr. (RS). Towards increasing chainage direction of centre of road towards increasing chainage direction.	

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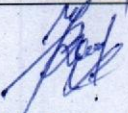
	lateral clearance shall be reckoned with respect to ultimate road way. What is the horizontal clearance from the extreme edge of the road land boundary?		
	(d). The overhead lines and their supporting poles/tower should originally be placed at the minimum distance of 5.0 m from nearest line of avenue trees. What is the horizontal clearance from the nearest line of avenue trees?	N/A. Towers shall be constructed at a distance of 105mtr. (LS) and 94mtr. (RS). Towards increasing chainage direction of centre of road towards increasing chainage direction.	
	(e). In mountainous / hilly terrain the overhead line 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 and side clearance is swung conditions. In the proposal in hilly area?	Plain terrain	
	The horizontal clearance in respect of poles erected for the purpose of street lighting Urban situations shall be as under: -		
	i- For roads with minimum 300mm from the Raised kerbs 300 mm 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 kerbs subject 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 NH land	N/A	
	(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 volte varies depending upon the voltage transmitted and these are stipulated in Indian standard. Code is 56130-1976 part 1 to IV and Indian Electricity rules 1956 as under.	17.5 Mtr. ground clearance shall be taken jointly with PRSTL and NHAI after completion.	
2	Affidavit / under taking to be obtained from (to be furnished by the applicant)	Yes	


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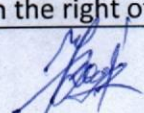
2.1	Not to damage to other utility, damaged then to pay the losses either to NHAI or to the concerned agency	Yes	
2.2	Under Taking Renewal of Bank Guarantee if required	Yes	
2.3	Confirming all standard conditions as laid down in ministry circular no – NH-III/p/20/77 dated 08-04-1982 Indian Electricity 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 (NHAI)	Done by Power Grid Rampur Sambhal Transmission Ltd electrical department by own cost	
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 Power Grid Rampur Sambhal Transmission Ltd electrical department by own cost	
2.6	Indemnity against all damage and claims whatsoever kind that may be to NHAI or to any third party in the row during installation, operating and maintenance	Done by Power Grid Rampur Sambhal Transmission Ltd electrical department by own cost	
2.7	Traffic movement during laying of OFC /cable.to be obtained before undertaking any work of installation, shifting or repairs or alteration to the overhead electrical line located in the national highway right of way.	Done by Power Grid Rampur Sambhal Transmission Ltd 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 Power Grid Rampur Sambhal Transmission Ltd electrical department by own cost	
2.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration 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 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 the desired by the NHAI at the cost of the electrical department owing	Yes	


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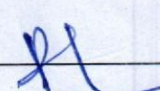

Project Director
M/s. Transrail Lighting Ltd.


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National Highway Authority of India
Project Director
National Highway Authority of India


	the utility line within a reasonable time (not exceeding 60 days) of the intimation given		
2.12	<p>Certificate from the applicant in the following format: -</p> <p>(i) Laying of overhead electrical will not have any deleterious effect on any of the bridge components and roadway safety for traffic.</p> <p>(ii) For 4/6 laning "we do undertake that I will relocate services road/ approach, utilities at my own cost, notwithstanding the permission granted within such time as will be stipulated by NHAI" for future 6 laning or any other development.</p>	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 High voltage lines during installation, operation and maintenance	Yes	
2.15	Undertaking 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 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 NHAI has to be obtained 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 (expendable 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	N/A	


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RATUL SAMAL
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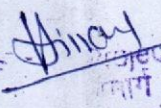

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 मरादाबाद / Moradabad

	payable by NHAI to the license for clearing Debris / loose earth		
3.4	Strip plan/ route plan showing overhead electrical line, chainage with of ROW, distance of proposed, structure (Tower, Pole & HT line only tension tower) 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 have been examine with respect to the structure and developmental work considered at this location and compliance of the standard condition 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: 5623-1926 part I to IV of (NHAI) and NHAI's guideline.	Yes	
4.2	Certificate from PD IN the following format: - (i)- " It is certified that any other location of the electrical line would be extremely difficult and unreasonable costly and the installation of electrical; line with in ROW will not adversely effect the design, stability and traffic safety of the highway not the likely future improvement such as widening of the carriage way easing of kerb, etc."	N/A	
	(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 not available "I do certify that sufficient ROW is available at site for accommodating of six- laning"	N/A	
5	If NH section proposed to be taken up by NHAI on BOT basis-a-clause is to be inserted in the agreement "The pennitted Highway on which license has been granted the right to lay overhead electrical line have also been granted as a right of way to the	N/A	



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RATUL SAHA
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Project Director
Authority of Ir
nadabad

	concessionaire under the concession agreement for upgradation of. (Moradabad to chandaushi section from KM 200 to KM 201 NH no 93(509) on build operate and transfer basis) and therefore the license shall honour the same"		
6	Who will supervise the work of laying of overhead electrical line?	Power Grid Rampur Sambhal Transmission Ltd	
7	Who will sign the agreement on behalf of overhead line agency?	Chief Manager, Power Grid Rampur Sambhal Transmission Ltd	
8	Who will ensure that the defect in road portion after laying of overhead electrical are corrected and if not corrected that what action to be taken?	Power Grid Rampur Sambhal Transmission Ltd	
9	Who will pay the claims for damage done / disruption in working of concessionaire, if asked by the concessionaire?	Power Grid Rampur Sambhal Transmission Ltd	
10	A certificate from PD that he will enter the proposed permission in register of record of the permission the prescribe performa (copy enclosed)	NHAI	
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.	N/A	


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