



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India

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

प.का.ई. अलीगढ़, ग्राम-भीकम्पुर, एन.एच-34 के कि०मी० 132.400 (आर०एच०एस०)
अलीगढ़ बाईपास, अलीगढ़-202001 (उ०प्र०)

PIU Aligarh, Village-Bhikampur, At KM 132.400 (RHS) on NH-34,
Aligarh Bypass, Aligarh - 202001 (U.P.)

ई-मेल/Email : aligarh@nhai.org | nhai@piubsr001@gmail.com



NHAI/PIU-ALG/44016/GAP/2024/D- 2323/

13.12.2024

Invitation of Public Comments

Sub: Proposal for permission of laying/erection of 11KV Overhead electric line from Km. 149.050 to Km. 149.200 (RHS), Total length 150mtr. on NH-34 (Ghaziabad -Aligarh Section) in District- Aligarh in the State of Uttar Pradesh.

Sub-Divisional Officer, Electricity Distribution Division-VI, DVVNL-Aligarh submitted the proposal for laying/erection of 11 KV O/H electric line from Km. 149.050 to Km. 149+200 on NH-34 (Ghaziabad - Aligarh Section) in the State of Uttar Pradesh.

2. From the submitted proposal, it is seen that the overhead erection length is proposed for 150m. 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).

3. 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 Project Director,

National Highways Authority of India

Project Implementation Unit- Aligarh

Village- Bhikampur, At Km. 132.400 (RHS) on NH-34,
Aligarh Bypass, Aligarh -202001 (U.P.)

Encl: As above.


(Indresh Kumar)
Project Director

Copy to:

1. Technical Director, NIC, Transport Bhawan, New Delhi- with request for uploading on the Ministry's website. (Email: mansoor@nic.in)
2. Regional Officer (W-UP), NHAI-Lucknow for kind information.
3. SDO, EDD-VI, DVVNL-Aligarh for information.
(Email: edd6edsd1@gmail.com)



कार्यालय
उपखण्ड अधिकारी, विद्युत वितरण उपखण्ड-प्रथम,
अन्तर्गत विद्युत वितरण खण्ड-षष्ठम, अलीगढ़
(दक्षिणांचल विद्युत वितरण निगम लिमिटेड)
लाल डिग्गी-अलीगढ़ 202002

E-Mail ID : edd6edsd1@gmail.com

पत्र सं.- 6078 वि०वि०उ०ख०प्र०अ० / दिनांक 23 / 11 / 2024
विषय:- राष्ट्रीय राजमार्ग 34 के कि०मी० 149.050 से कि०मी० 149.200 (RHS) तक
मार्ग की आर०ओ०डब्लू० में उपरगामी 11 कि०वी० लाइन हेतु अनुमति प्रदान करने
के सम्बन्ध में।

परियोजना निदेशक,
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण,
ग्राम भीकमपुर, कि०मी० 132.400, रा०रा०-34,
अलीगढ़ बाईपास, अलीगढ़-202001.

महोदय अवगत कराना है कि राष्ट्रीय राजमार्ग-34 के कि०मी० 149.050 से
कि०मी० 149.200 (RHS) के मध्य 11 के०वी० लाइन के 4 पोल स्थापित किये जाने हैं।
उक्त कार्य की अनुमति हेतु प्रस्ताव, सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत
सरकार के दिशा-निर्देशानुसार तैयार कर प्रस्तुत किया जा रहा है।

अतः उपरोक्तानुसार 11 के०वी० लाइन निर्माण / स्थापन हेतु अनुमति प्रदान
करने का कष्ट करें, जिससे कि उक्त लाइन का निर्माण कार्य शीघ्र पूर्ण किया जा
सके।

(सुनील कुमार)
उपखण्ड अधिकारी
SUNIL KUMAR
SAP. ID-11005166
/ 11.11.2024-I

पत्रांक / वि०वि०उ०ख०प्र० / दिनांक / 11.11.2024-I
प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-
1. अधिशासी अभियन्ता, विद्युत वितरण खण्ड-षष्ठम, लाल डिग्गी, अलीगढ़।
2. कट फाइल।

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
प०का०ई०-अलीगढ़

प्राप्ति सं० 2640199.

दिनांक 22/11/2024

आ०का० हेतु अग्रसारित

प्रबंधक तक०	✓
साइट इंजीनियर-III/III	
लेखाकार	
प०का०/स्टेनो	

22.11.24

SE-11
22/11

(सुनील कुमार)
उपखण्ड अधिकारी
SUNIL KUMAR
SAP. ID-11005166
S.D.O.-I

CHECK – LIST

Proposal for permission for erection of 11 KV HT line from Km. 149.050 to Km. 149.200 (RHS) Near Boner Cut under Distt.-Aligarh on NH-34 Ghaziabad – Aligarh Section in the State of Uttar Pradesh.

Relevant circulars

- Ministry Circular No. RW/NH/33044/27/2005/S&R(R)(Pt.) dated 07.08.2013.
- Ministry Circular No. RW/NH-33044/29/2015/S&R/(R) dated 22.11.2016.
- Ministry Circular No. 36094/01/2022-S&R(P&B) dated 17.04.2023.

S. No.	Item	Information / Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	Sub-Divisional Officer, Electricity Distribution Div.-VI, DVVNL, Lal Diggi, Aligarh NH-91 (New NH-34)	
1.2	National Highway Number	Uttar Pradesh	
1.3	State	Boner	
1.4	Location	Km. 149.050 to Km. 149.200 (RHS)	
1.5	(Chainage in Km.)	150 Meter	
1.6	Length in Meter	60 Meter	
1.7	Width of available ROW		
1.8	Side of NH (left or right side of NH towards increasing Chainage /KM/ Direction)	<ul style="list-style-type: none"> • From Km. 149.050 to Km. 149.200 (RHS) (RHS) • Road Crossing Ch.144+280 	
1.9	Highway Administration Address	Regional Officer, National Highways Authority of India, 3/248, Vishal Khand, Gomti Nagar, Lucknow	
1.10	Proposal to acquire land	N/A	
	(a) Left side from centre line	N/A	
	(b) Right side from Centre line	N/A	
1.11	Whether proposal is in the same side where land is not to be acquired	N/A	
	If not then where to lay the cable	N/A	
1.12	Details of already laid services, if any, along the proposed route	4/6 lane	
1.13	Number of lanes (2/4/6/8) existing		

SUNIL KUMAR
SAP. ID-11005166
S.D.O.-I

1.14	Proposed Number of lanes (2 lane with paved shoulder/4/6/8 lanes)	-	
1.15	Service Road existing or not		
	If yes then which side	Yes	
	(a) Left side from center line	No	
	(b) Right side from Centre line	NA	
1.16	Proposed Service road	NA	
	(a) Left side from center line	N/A	
	(b) Right side from Centre line	-	
1.17	Whether proposal to lay 11KV electric line is service road and main carriageway.	-	
		Edge of ROW (Service road & MCW)	
1.18	The permission of laying of 11KV HT line shall be considered for approval/rejection based on the Ministry Circular mentioned as above	Yes	
	(a) Carrying of Sewage/ electric line on highway bridges shall not be permission as Fumes/ electric line can accelerate the process of corrosion or may cause explosion, thus, being much more injurious than fault of electric line.,	N/A	
	(b) Carrying of electric line on bridge shall not be discouraged. However, if the electric Authorities seem to have no other viable alternative and approach the highway authority will in time before the design of the bridge if finalized, they may be permitted to carry the electric on independent superstructure, supported on extended portions of piers and abutment in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repair etc.	N/A	
	(c) Cost of required extension of the sub-structure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities.	N/A	
	(d) Services are not being allowed indiscriminately on the parapet/ any part of bridges, Safety of the bridges has to be kept in view while permitting various service along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineer only.	N/A	

SUNIL KUMAR
SAP. ID-11005166
S.D.O.-I

1.19	If crossing of the road involved. If yes, it shall be done by HDD method or through structure or conduits specially built for that purpose of the expenses of the agency owning the line.	NA	
	(a) Existing drainage structure shall not be allowed to carry the lines.	NA	
	(b) The utility services shall cross the National Highway preferably on a line normal to it or as nearly show as practicable. DVVNLI shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.	NA	
	(c) The casing pipe may be installed under the route embankment either by boring or digging a trench. Installation by boring method shall prefer.	NA	
	(d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carriage pipe/cable.	NA	
	(e) End of the casing/ conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	NA	
	(f) The carrier pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	NA	
	(g) The top of the carrier pipe/line should be at least 1.2 meter below the surface of the road subject to being at least 0.3 meter below the drain inverts.	NA	
	(h) Crossing shall be done by HDD method specially where	NA (No road crossing)	


SUNIL KUMAR
 SAP. ID-11005166
 S.D.O.-I

	(i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of waterway along it.	NA	
2	Documents / Drawing enclosed with the proposal	Yes, 04 sets of proposal	
2.1	Cross section of trench for open trenching method (is it normal size of 1.2m dept/0.3m wide)	N/A	
	i) Should not be greater than 60cm wider than the outer diameter of the pipe.	N/A	
	ii) Location as closer to the extreme edge of the right-of-way as possible but not less than 15 meter from the center line of the nearest carriageway.	N/A	
	iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.	N/A	
2.2	Cross section showing the size of pit and location of cable for HDD method	NA	
2.3	Strip plan/ Route plan showing Water Supply pipe line/ Electrical cable Chainage, width of ROW, distance of proposed cable from the edge of ROW, important mile stone, intersecting cross drainage work etc.	Strip plan/ Drawing enclosed.	
2.4	Methodology for laying of showing electric line etc.	Overhead line/pole work will be done inside the edge of ROW	
2.4.1	Open Trenching method (May be allowed in utility corridor only where perimeter is neither cement concrete type. If yet, Methodology of refilling of trench.	N/A	
	a) The trench width should be at least 30cm, but not more than 60cm wider than the out diameter of the pipe	N/A	
	b) For filling of the trench, Bedding shall be to depth of nor less than 30cm it shall consist granular material unsuitable soil and rock edge should be excavated and replaced by selected material.	N/A	
	c) The back shall be completed two stages (i) side fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	N/A	

1

SUNIL KUMAR
 SAP. ID-11005166
 S.D.O.-I

	d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	N/A	
	e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	N/A	
	f) The excavation shall be protected by flagman, signs and barricades and red-light during night hours.	Agreed	
	g) If required, a diversion shall be constructed at the expenses of agency owning the utility line	Agreed	
2.4.2	Horizontal Directional Drilling (HDD) Method	NA	
2.4.3	Laying of Electric line through CD work and method of laying	-	
	(a) The utility services shall cross the National Highway preferably on a line normal to it of as nearly so as practicable and subject to all other stipulation contained in this Ministry's guidelines issued on dated 22.11.2016	NA	
3	Draft License Agreement signed by to witnesses	Enclosed	
4	Performance Bank Guarantee in four of NHAI has to be obtain @ Rs..... per running meter, for period one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/ making good the excavated trench for laying the cable by proper filling and compaction, clearing debris/ loose earth produced due to execution for trenching at least 50 meters away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/ loose earth.	Shall be submitted, as demanded by NHAI	
4.1	Performance BG as per above is to be obtained.	Yes	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Yes	
5	Affidavit/ Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay	Yes	


SUNIL KUMAR
 SAP. ID-11005166
 S.D.O.-I

	the losses either to NHAI or to the concerned agency.		
5.2	Renewal of Bank Guarantee	Yes	
5.3	Confirming all standard condition of NHAI guidelines	Yes	
5.4	Shifting of Electric line as and when required by NHAI at their own cost.	Yes, it will be carried out if required	
5.5	Shifting due to widening of NH	Yes	
5.6	Indemnity against all damages and claims Clause (xxiv)	Yes	
5.7	Traffic movement during laying/ erection of electric line to be managed by the applicant.	Yes, the same will be managed at the time of work execution.	
5.8	If any claim raised by the Concessionaire then the same has to be paid by the applicant.	Yes	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work installation, shifting or repairs or alteration to the showing electric line located in the National Highway right-of-way	Yes, Necessary permission to be taken before starting the work.	
5.10	Expenditure, if any, incurred by NHAI for repairing and damage caused to the National Highway by the laying, maintenance or shifting of the electric line will be borne by the agency owning the line.	Yes	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repair to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes	
5.12	Certificate from the applicant in the following format	-	
	(i) Laying of electric line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	Yes	
	(ii) for widening – "We do undertake that I will relocate, service road/ approach road/ utilities at my own cost notwithstanding the permission granted with such time as will be stipulated by NHAI" for future widening or any other development.	Yes, it will be certified	


SUNIL KUMAR
 SAP. ID-11005166
 S.D.O.-I

6	Who will sign the agreement	Sub-Divisional Officer, Electricity Distribution Div.-VI, DVVNL, Lal Diggi, Aligarh	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide ministry various circulars		
7.2	Certificate from PD in the following format:	N/A	
	(i) It is certified that any other location of the Electrical 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 carriageway, easing of curve etc.	Enclosed	
	(ii) For 6 – lanning	Yes	
	(a) Where feasibility is available "I do certify that there will be no hindrance to 6 laning based on the feasibility report considering proposed structures at the side location".		
	(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six laning".		
8	If NH section proposed to be taken up by NHAI on BOT basis – a Clause is to be inserted in the alignment. "The permitted Highway on which Licensee has been granted the right of lay cable/ duct has also been granted as a right of way to the Concessionaire under the Concession Agreement for up-gradation of Ghaziabad – Aligarh Section and therefore, the licensee shall honour the same".		
9	Who will supervise the work of Erection/UG crossing of 11KV HT line ?	Sub-Divisional Officer, Electricity Distribution Div.-VI, DVVNL, Lal Diggi, Aligarh	
	Who will ensure that the defects in road portion after Erection of 11KV HT line are correct and if not correct then what action shall be taken.		
	Who will pay the claims for damages done/disruption in working of Erection of 11KV HT line, if asked by the Concessionaire.		

SUNIL KUMAR
SAP. ID-11005166
S.D.O.-I

Strip Plan/Drawing for erection & O/H laying of 11KV HT Line **From Km. 149+050 to Km. 149.200 on NH-34 UNDER DISTT.-ALIGARH**

- Ch.148+800
- Ch.148+900
- Ch.149+000
- Ch.149+100
- Ch.149+200
- Ch.149+300
- Ch.149+400
- Ch.149+500
- Ch.149+600
- Ch.149+700
- Ch.149+800

Vill.- Sindhauli

Vill.- Boner

ROW

ROW

HOTEL / MARKET
ROW

ROW

LHS

1.5m EARTHEN SHOULDER

1.0m PAVED SHOULDER

TOWARDS ALIGARH

7.0M WIDE MAIN CARRIAGEWAY

4.50M WIDE MEDIAN

7.0M WIDE MAIN CARRIAGEWAY

4.50M WIDE MEDIAN

7.0M WIDE MAIN CARRIAGEWAY

1.5m EARTHEN SHOULDER

1.0m PAVED SHOULDER

LHS

TOWARDS ETAAH

RHS

1.5m EARTHEN SHOULDER

1.0m PAVED SHOULDER

1.5m EARTHEN SHOULDER

1.0m PAVED SHOULDER

RHS

ROW 60.00M

ROW 60.00M

MARKET

MARKET

OPEN LAND

MARKET

ROW

ROW

ROW

ROW

ROW

Proposed line/Pole

Existing Line

- ROUTE
- ROW
- 11MSTP SINGLE POLE STRUCTURE
- 11KV OVER HEAD LINE OF HT POLE
- LENGTH 11KV O/H LINE

From Km. 149+050 to Km. 149+200
 RIGHT OF WAY (03 Nos.)
 150METER

APPLICANT SIGNATURE:

SDO, EDD-VI,
 SUNI Electricity Distribution Division-VI,
 SAR. ID. BYNL, 1st Diggi, Aligarh - 202001
 S.D.O-1

