

### भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

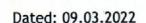
### **National Highways Authority of India**

(Ministry of Road Transport and Highways, Government 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) दूरभाष / Phone : 0522-4960291, टेलीफैक्स / Fax : 0522-4950680

ई-मेल / E-mail : rowestup@nhai.org, rowestup@gmail.com

19001/1/RO-W-UP/NH-334/Km. 84+460/132KV/OH/ /244



### Invitation of Public Comments

Sub: Submission of National Highway crossing proposal of "132 KV D/C Jarauda Nara-Sakoti Transmission Line" village-Sakoti, Km. 84+460 at new NH-234 (Old NH-58) District-Meerut in the State of Uttar Pradesh.

The Project Manager/Electrical M/s Dedicated Freight Corridor Corporation of India Ltd., Meerut has submitted the proposal through PD, PIU-Meerut for permission of crossing of "132 KV D/C Jarauda Nara-Sakoti Transmission Line" village-Sakoti, Km. 84+460 at new NH-234 (Old NH-58) District-Meerut in the State of Uttar Pradesh for approval of the Competent Authority.

- From the submitted proposal, it is seen from the checklist/drawings that 2. structures (Transmission Towers) on either side are being erected at distance of 72.63m & 80.68m respectively from either side of NH boundary. Crossing span of the structure is 206.10m. Further, the minimum vertical clearance of 22.28m 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 79° degree.
- 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).
- 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 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-UP (West).

Encl: As above.

#### Copy to:

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 Project Manager/Electrical M/s Dedicated Freight Corridor Corporation of India Ltd., Meerut for information.

4. The PD, PIU-Meerut for information.

#### CHECK-LIST

# Project Director for processing the proposal of laying overhead electrical line crossing National Highway vested with NHAI

Circular/Codes:-Ministry circular No. NH-III/P/20/77 Dated 08.04.1982 Indian Electricity Act 1910 Indian Electricity Rule 1956 IRC:32-1969 IS:5613-1976 Part I to IV

## For getting the approval for laying of overhead electrical line along the National Highway vested with NHAI

1.1 Name and Address of the Applicant/  1.2 National Highway Number  1.3 State  1.4 Location  1.5 Chainage in km  1.6 Length in Meters  1.7 Width of available ROW  (a) Left side from center line toward increasing Chainage/ km direction  (b) Right side from center line toward increasing Chainage/ km direction  1.8 Proposal of crossing Power Line  (a) Left side from center line toward increasing Chainage/ km direction  (b) Right side from center line toward increasing Chainage/ km direction  (b) Right side from center line toward increasing Chainage/ km direction  (b) Right side from center line  (a) Left side from center line  (b) Right side from center line  1.10 Whether proposal is in the same side land is not be acquired  If not then where to lay the cable  1.11 Details of already laid services, if any proposed route  1.12 Number of exsiting lanes(2/4/6/8 la  1.13 Proposed number of Lanes(2 lane wi shoulders/4/6/8 lanes)  1.14 Service road existing or not  If yes , then which side  (a) Left side from center line  (b) Right side from center line	132KV D/C Jarauda Nara- Sakoti TL	
1.2 National Highway Number  1.3 State 1.4 Location 1.5 Chainage in km 1.6 Length in Meters 1.7 Width of available ROW  (a) Left side from center line toward increasing Chainage/ km direction (b) Right side from center line toward increasing Chainage/ km direction 1.8 Proposal of crossing Power Line (a) Left side from center line toward increasing Chainage/ km direction (b) Right side from center line toward increasing Chainage/ km direction (b) Right side from center line toward increasing Chainage/ km direction 1.9 Proposal of acquire (a) Left side from center line (b) Right side from center line 1.10 Whether proposal is in the same side land is not be acquired If not then where to lay the cable 1.11 Details of already laid services, if any proposed route 1.12 Number of exsiting lanes(2/4/6/8 lates) 1.13 Proposed number of Lanes(2 lane with shoulders/4/6/8 lanes) 1.14 Service road existing or not 1 If yes, then which side (a) Left side from center line (b) Right side from center line 1.15 Proposed service road (a) Left side from center line (b) Right side from center line		
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1.5 Chainage in km  1.6 Length in Meters  1.7 Width of available ROW  (a) Left side from center line toward increasing Chainage/ km direction (b) Right side from center line toward increasing Chainage/ km direction  1.8 Proposal of crossing Power Line (a) Left side from center line toward increasing Chainage/ km direction (b) Right side from center line toward increasing Chainage/ km direction  1.9 Proposal of acquire (a) Left side from center line (b) Right side from center line (b) Right side from center line  1.10 Whether proposal is in the same side land is not be acquired  If not then where to lay the cable  1.11 Details of already laid services, if any proposed route  1.12 Number of exsiting lanes(2/4/6/8 la 1.13 Proposed number of Lanes(2 lane wi shoulders/4/6/8 lanes)  1.14 Service road existing or not  If yes , then which side (a) Left side from center line (b) Right side from center line  1.15 Proposed service road (a) Left side from center line (b) Right side from center line	NH-334 ( Meerut - Muzaffarnagar)	
1.5 Chainage in km 1.6 Length in Meters 1.7 Width of available ROW  (a) Left side from center line toward increasing Chainage/ km direction (b) Right side from center line toward increasing Chainage/ km direction 1.8 Proposal of crossing Power Line (a) Left side from center line toward increasing Chainage/ km direction (b) Right side from center line toward increasing Chainage/ km direction (b) Right side from center line toward increasing Chainage/ km direction 1.9 Proposal of acquire (a) Left side from center line (b) Right side from center line (b) Right side from center line 1.10 Whether proposal is in the same side land is not be acquired If not then where to lay the cable 1.11 Details of already laid services, if any proposed route 1.12 Number of exsiting lanes(2/4/6/8 la 1.13 Proposed number of Lanes(2 lane wi shoulders/4/6/8 lanes) 1.14 Service road existing or not 1 If yes , then which side (a) Left side from center line (b) Right side from center line 1.15 Proposed service road (a) Left side from center line (b) Right side from center line	Uttar Pradesh	
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1.6 Length in Meters  1.7 Width of available ROW  (a) Left side from center line toward increasing Chainage/ km direction  (b) Right side from center line toward increasing Chainage/ km direction  1.8 Proposal of crossing Power Line  (a) Left side from center line toward increasing Chainage/ km direction  (b) Right side from center line toward increasing Chainage/ km direction  1.9 Proposal of acquire  (a) Left side from center line  (b) Right side from center line  (b) Right side from center line  1.10 Whether proposal is in the same side land is not be acquired  If not then where to lay the cable  1.11 Details of already laid services, if any proposed route  1.12 Number of exsiting lanes(2/4/6/8 latous)  1.13 Proposed number of Lanes(2 lane with shoulders/4/6/8 lanes)  1.14 Service road existing or not lif yes, then which side  (a) Left side from center line  (b) Right side from center line  (c) Right side from center line	84+460	
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(b) Right side from center line towar increasing Chainage/ km direction  1.8 Proposal of crossing Power Line (a) Left side from center line toward increasing Chainage/ km direction (b) Right side from center line toward increasing Chainage/ km direction  1.9 Proposal of acquire (a) Left side from center line (b) Right side from center line (b) Right side from center line  1.10 Whether proposal is in the same side land is not be acquired If not then where to lay the cable  1.11 Details of already laid services, if any proposed route  1.12 Number of exsiting lanes(2/4/6/8 lathounders/4/6/8 lanes)  1.13 Proposed number of Lanes(2 lane with shoulders/4/6/8 lanes)  1.14 Service road existing or not lif yes, then which side (a) Left side from center line (b) Right side from center line (b) Right side from center line (b) Right side from center line	13.50 Mtrs	
1.8 Proposal of crossing Power Line  (a) Left side from center line toward increasing Chainage/ km direction  (b) Right side from center line toward increasing Chainage/ km direction  1.9 Proposal of acquire  (a) Left side from center line  (b) Right side from center line  1.10 Whether proposal is in the same side land is not be acquired  If not then where to lay the cable  1.11 Details of already laid services, if any proposed route  1.12 Number of exsiting lanes(2/4/6/8 lates)  1.13 Proposed number of Lanes(2 lane wishoulders/4/6/8 lanes)  1.14 Service road existing or not lf yes, then which side  (a) Left side from center line  (b) Right side from center line  (c) Right side from center line  (d) Right side from center line	rds 13.50 Mtrs	
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If not then where to lay the cable  1.11 Details of already laid services, if any proposed route  1.12 Number of exsiting lanes(2/4/6/8 la 1.13 Proposed number of Lanes(2 lane wishoulders/4/6/8 lanes)  1.14 Service road existing or not lf yes, then which side  (a) Left side from center line  (b) Right side from center line  1.15 Proposed service road  (a) Left side from center line  (b) Right side from center line	where Not Applicable	
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1.14 Service road existing or not  If yes , then which side  (a) Left side from center line  (b) Right side from center line  1.15 Proposed service road  (a) Left side from center line  (b) Right side from center line	th paved Already 4 lane	
If yes , then which side  (a) Left side from center line (b) Right side from center line  1.15 Proposed service road  (a) Left side from center line (b) Right side from center line		
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(b) Right side from center line  1.15 Proposed service road  (a) Left side from center line  (b) Right side from center line	Not Applicable	
1.15 Proposed service road  (a) Left side from center line  (b) Right side from center line	Not Applicable	
(a) Left side from center line (b) Right side from center line		
(b) Right side from center line  1.16 Whether proposal to lay crossing po	Not Applicable	
1.16 Whether proposal to lay crossing por	Not Applicable	
is after the service road or between t	wer cable Overhead crossing Proposed tower he service Beyond ROW	
road and main carriageway  1.17 Whether carrying of crossing power	cable has Not Applicable	
been proposed on highway bridge. I mention the methodology proposed same	f yes, then for the 300 mg	

Project Director
National Highway Authority of India
PIU-Meerut

अनिल कुमार बसल / Anil Kumar Bansal उप महाप्रबन्धक (पारेषण—निर्माण) / DGM (TL-Const.) पावरग्रिड, मेरठ / POWERGRID, MEERUT NHAI Check List

Sr. No.	Item	Information/ Status	Remarks
1.18	Ministry circulars and relevant codes		
	mentioned above		
1.19	1 - if Crossing of the road involved:	Yes	
	a) Crossing angle for NH and provide length	a) 79°0′00" and Span- 206.1 meters	
	along the highway		
	b) Structure (Tower, pole and for HT line	b)	
	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	i) Nil	
	national highway		
		ii) Distance from centre of NH is 97.46 M	
	and tension tower lying from the existing /	and 108.64 M.	
	proposed structure for National highway		
	c) The overhead lines and their supporting	Not Applicable	
	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 thert the minimum according or		
	standard or where the widening is proposed	Horizontal aleggeness from Cantus Line	
	for any reason the lateral clearance shall be	Horizontal clearance from Centre line	
	reckoned with respect to ultimate road way.	of NH is 97.46 M (Tower No. AP8/0) &	
	What ts the horizontal clearance from the	108.64 M (Tower No. AP9/0)	
	The state of the s		
	extreme edge of the road land		
	huundary?		
	(d) overhead lines and their supporting poles/	NA (Over Head Transmission line	
	towers should originally be placed at the	Crossing)	
	minİmum distance of 5.0 m from the nearest		
	line of avenue trees		
	Whai is the horizontal clearance from the		
	nearest line of avenue free?		
	(e) In mountain / hilly terrain the overhead	Plain terrain	
	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 conducter on either side from		
	the central line is also to be noted and marked		
	in profile so Be to ensured required ground		
	clearance underneath conductor and side		
	clearance.		
	(f) The horizontal clearance in respect of poles	Not Applicable	
	erected from the purpose of street lightning in	Francis	
	urban situation shall be as under.		
	i) For road with Minimum 300 mm from	Not Applicable	
	Raised kerbs 300 from the aged of nearest		
	Kerb preferably 600 mm		
	i i)For road with At least I.5 m from	Not Applicable	
	the edge of the carriage way Raised kerbs		
	subject to minimum 5.0 from the central line		
	of carriage way.		
	(g) The pylons of HT linns 8long crossing the	Not Applicable	
	road shall be located outside the NH land	30 Domes	17
		010/3	_

Project Director
National Highway Authority of India
PIU-Meerut

अनिल कुमार बसल / Anil Kumar Bansal उप महाप्रबन्धक (पारेषण—निर्माण) / DGM (TL-Const.) पावरग्रिङ, मेरठ / POWERGRID, MEERUT

for crossing the line of same voltage or ver voltage, suspension / tension tower the suitable extensions shall be used.  The vertical clearance of the overhead lines using the road shall be reckoned from the of the crown of the road taking in to ount the anticipated final top level due to our raising of road level strengthening of the tension line for voltage above 650 volte its depending upon the voltage transmitted it these are stipulated in Indian standard tension stricity rules 1956 as under.  Iddavit / under taking to be obtained from the furnished by the applicant) to damage to other utility if damage then the tension standard condition as laid of the interest of the second agency.  Idertaking for renewal of bank guarantee if the damage than all standard condition as laid of in ministry circular no-NH-III/P/20/77 and 08.04.1982 Indian electricity act 1910 in electricity rules 1956 IRC:32-1969, 613-1976 part I to IV of NHAI).  It in gof overhead electrical line as an when the damage of overhead electrical line as an when the damage of the langer widening by NHAI at their own cost.	Not Applicable  Actual ground clearance will be taken jointly by POWERGRID and NHAI  Yes  Yes  Not Applicable  Yes  Yes	
The vertical clearance of the overhead lines is ing the road shall be reckoned from the of the crown of the road taking in to ount the anticipated final top level due to our raising of road level strengthening of rement etc. the actual ground clearance of the tension line for voltage above 650 volte ies depending upon the voltage transmitted these are stipulated in Indian standard ies is 56130-1976 part i to iv and Indian stricity rules 1956 as under.  Iddavit / under taking to be obtained from the furnished by the applicant) to damage to other utility if damage then the total agency. In the losses either to NHAl or to the cerned agency. In the losses either to NHAl or to the cerned agency. In ministry circular no-NH-III/P/20/77 and 08.04.1982 Indian electricity act 1910 ian electricity rules 1956 IRC:32-1969, 613-1976 part I to IV of NHAI).  It ing of overhead electrical line as an when using our line as an when using our line as an when using our line as an when line of our line as an when line of our line as an when line our line as an when line our line as an when line our line ou	Yes Yes Not Applicable Yes	
The vertical clearance of the overhead lines is ing the road shall be reckoned from the of the crown of the road taking in to ount the anticipated final top level due to our raising of road level strengthening of vement etc. the actual ground clearance of the tension line for voltage above 650 volte ies depending upon the voltage transmitted it these are stipulated in Indian standard ies is 56130-1976 part i to iv and Indian stricity rules 1956 as under.  Iddavit / under taking to be obtained from the furnished by the applicant) is to damage to other utility if damage then the total agency. Indianal stricity are losses either to NHAl or to the cerned agency. Indianal standard condition as laid for in ministry circular no-NH-III/P/20/77 and 08.04.1982 Indian electricity act 1910 ian electricity rules 1956 IRC:32-1969, 613-1976 part I to IV of NHAI).  It ing of overhead electrical line as an when using our electrical line as an when	Yes Yes Not Applicable Yes	
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ired due to 4 laning / widening by NHAI	Yes	
wideling by William	ies	
neir own cost.		
emnity against all damage and claims	Yes	
tsoever kind that may to be NHAI or to		
third party in fhe row during installation		
ration and maintenance		
fic movement during laying of OFC/cable	Yes	100
e managed by the applicant		
ay claim is raised by the		
y claim is raised by the concessionaire the same has to be paid by the applicant.	Yes	
the same has to be paid by the applicant.		
r approval of the NH shall be obtained	Yes	
re undertaking any work of installation,		
ing or repairs, or alterations to be crossing		
er cable/ any other utility located in the		
onal Highway right-of-ways		
	yes	
and Highway by the Levised to the		
of the area in the laying, maintenance		
a by the applicant a second of the		
e by the applicant agency owning the line		
NH division considers it necessary in	Yes	
cy owning the utility line within a		
0 0 0	and Highway right-of-ways  Inditure, if any, incurred by NH division epairing any damage caused to the sonal Highway by the laying, maintenance ifting of the crossing power cable be by the applicant agency owning the line.  INH division considers it necessary in the to move the utility line for any work of covement or repaires at the cost of the cy owning the utility line within a smable time (not exceeding 60 days) of the	enditure, if any, incurred by NH division epairing any damage caused to the epail Highway by the laying, maintenance ifting of the crossing power cable be e by the applicant agency owning the line  NH division considers it necessary in e to move the utility line for any work of ovement or repaires at the cost of the ety owning the utility line within a

India

NHAI Chees सिस् कुमार बंसल / Anil Kumar Bansal उप महाप्रबन्धक (पारेषण-निर्माण) / DGM (TL-Const.) पावरग्रिङ, मेरठ / POWERGRID, MEERUT

1 of 1

AP8-AP9



Sr. No.	Item	Information/ Status	Remarks
2.12	Certificate from the applicant in the following	Yes	Kemarks
	format: i)		
	Laying of overhead electrical wil) 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 fit my own cost notwithstanding the		
	permission granted within such tile as will		
	be stipulated by NHAI" far future 6 laning or		
	any other development		
2.13	The Transmissions line installation shall be	Yes	
	carried out by trained and experienced		
	personal and supervised by technically		
	qualified persons competent to undertake such		
	work.		
2.14	Applicant ensures the safety of the highway	Yes	
	traffic against the hazard of the high voltage		
	lines during installation operations and		
	maintenance		
2.15	Undertake the compliance with Indian	Yes	
	Electricity rules and other authorities		
	regulations for all overhead lines shall comply		
	with the requirement of the Indian Electricity		
	act and rules made their under and the		
	regulation or specificaiian as laid down by		
	NHAI		
	Other documents and drawing to be	Yes	
	furnished by the applicant.		
3.1	Methodology for laying of overhead electric	Yes	
3.2	line Draft licence agreement	Yes	
3.3	Pertormance bank guarantee in favor of NHAI	Yes	
3.3	has to be obtain at the Rs 100/-per running	res	
	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 completion of work) as a security		
	for insuring making good the area, clearing		
	debris/Tonse earth etc. produced in the right of		
	way. No payment shall be payable by the		
	NHAI to the licence for clearing debris/loose		
3.4	Strip plan /route plan showing everboad	Yes	
3.4	Strip plan / route plan showing overhead	ies	
	electrical line,!chainage with of ROW, distance		
	of proposed structure (tower pole and fbr HT		
	line only tension towers) from the edge of		
	ROW important milestone intersection cross		
	drainage works any other structure existing of		
	proposed etc.	NI-1 APLI-	
4	Certificate from project director	Not Applicable	

Project Director
National Highway Authority of India
PIU-Meen.it

अनिल कुमार बंसल / Anil Kumar Bansal चप महाप्रबच्चक (पारेबण-निर्माण) / DGM (TL-Const.) पायरग्रिड, मेरठ / POWERGRID, MEERUT

Sr. No.	Item	Information/ Status	Remarks
4.1	Certificate for confirming that the proposal has been examined with respect to the sIructures 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 1 956 [ RC : 32-5613-1976 part i to iv of (NHAI) and NHAI guideline.		
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 unresonable costly and the installation of electric line within ROW will not adversely affect the design, stability and traffic saftey of the highway nor the likely future improvement such as widening of the carriage way easing of kerb ect.	Not Applicable	
		Not Applicable	
	<ul> <li>ii) For 6 laning</li> <li>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."</li> <li>b) In case feasibility report is not available "I do certify that sufficient ROW Is Available at site for accommodation of six laning."</li> </ul>		
	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	
	Who Will supervise the work of laying of overhead electrical line	Power Grid Corporation of India Limited	
7	Who will the sign the agreement on behalf of overhead electrical line agency	DFCCIL	
8		Power Grid Corporation of India Limited	
9	Who will pay the claim for damages done/disruption in working of concessionaire if asked by the concessionaire.	DFCCIL	
	A cerificate from PD that he will enter the proposed permission in register of record of the permission in the prescribed Performa (copy enclosed)	Enclosed/ NHAI	
11	If any previous approval for laying of overhead electrical line then photo copy of register of records of permission accord as maintained by PD may he enclosed.	No Ballone	3847)_

Project Director
National Highway Authority of India
P!U-Meerut
NHAI Check List

खप महाप्रबन्धक (पारेषण-निर्माण) / DGM (TL-Const.) पावरग्रिङ, मेरठ / POWERGRID, MEERUT